

COMPACT SERIES P3-8
The World's Best-Selling
Compact Effects



LEGEND SERIES P9-10

Popular Fender® amps reproduced via COSM®



TWIN PEDAL SERIES P11-12

Twice the Size, Twice the Power



TU SERIES P13
The Gold Standard in Tuning



AD SERIES P14
Unlock the Potential of Acoustic Guitars



RC SERIES P15-16

Powerful Loop Recorders for Live Performance

# When I got my first guitar, my life changed. A new passion was born, and all I wanted to do was to play.

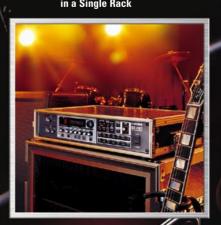
There were guitarists I loved, and guitars I adored.

And then I got my first BOSS pedal—my point of take-off.

It was the driving force that made my musical dreams a reality.

BOSS has a long, celebrated history of making dreams come true. Whether pro or beginner, guitarists throughout the world rely on BOSS for the very best in tone, expression, and reliability.





GT SERIES P21-24
Advanced Multi-Effects
Processors





ME SERIES P25-28

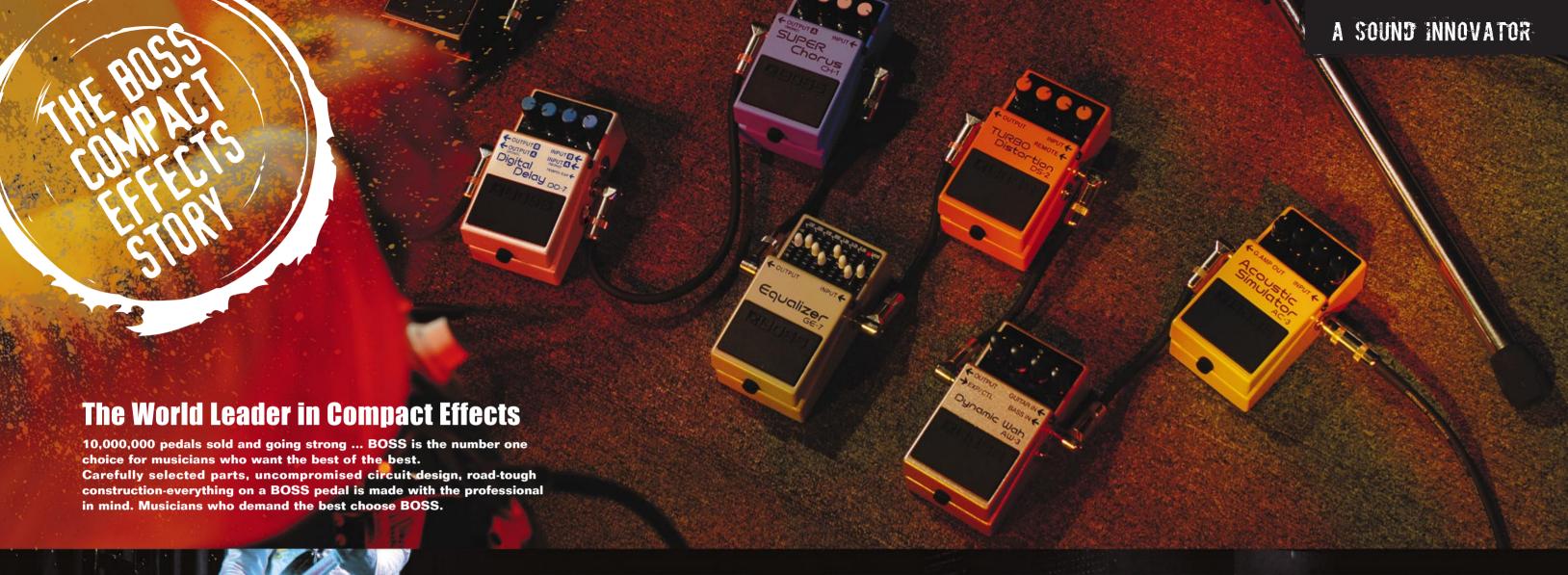
Multi-Effects with
Intuitive Operation



BR SERIES (P29-34)
Pro-Quality Studios with
Built-in Burners



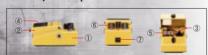
DR & DB SERIES P35-36
Small But Powerful
Timekeeping Tools





# **Philosophy**

From the beginning, BOSS has built the best pedals by adhering to these key principles: D Reliable aluminum die cast bodies. ② Pedal switches that withstand the 1.000,000-repetition durability test. ③ FET switches to eliminate the clicking noise of conventional mechanical switches. 4 Non-slip rubber bases. 5 Easy-to-



# Legend

The history of BOSS reads like the history of guitar effects. The famous compact pedal line-up began in 1977 with the classic OD-1 Overdrive, which established the masterful design principle for all other BOSS effects pedals



# **Breakthrough**

BOSS has laid claim to many "world firsts" during its illustrious history. Among the many BOSS highlights have been bringing to market the first-ever chorus, overdrive, digital delay, reverb, and pitch-shifter pedals.



# **Pro Quality**

Only the very best components and circuitry are used in BOSS pedals. No corners are cut, no compromises are made — these pedals are built to sound great and take a pounding.



# **Bassists Welcome**

Not just for guitarists, BOSS has a range of effects built specifically for bass players. So plug in, and anchor your music with solid,



high-impact effects that are custom-tailored for



# Originality

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Beyond standard effects, BOSS is famous for its unique and unusual stompboxes, such as the SG-1 Slow Gear, VB-2 Vibrato, and, most recently, the RC-2 Loop Station.



# **Colorful Lineup**

BOSS offers an incredibly wide variety of effects that can take your sound to places it has never been before. Whether you need subtle polish or full, sonic immersion, BOSS effects will do the job reliably and professionally.



# **Imagination**

Where will you take your tone? From subtle sweetening to complete audio transformation, BOSS provides more tone-shaping options than any other compact-effects manufacturer in





# **Explore Your Inner Rock Star**

Warm, fatten, bake, or burn — BOSS overdrive and distortion pedals are world famous for their rich, aggressive, and expressive sound. With nine compact pedals in this category, guitarists have an expansive range of power-tone tools to choose from.



Uses BOSS's asymmetric overdrive circuitry for warm, smooth overdrive sounds that respond to your picking style just like a tube amp. Includes a Tone control to dial in just the right sound.



# ML-2

The ML-2 delivers massive distortion and gain with heavy lows for music that requires a crushing sound. The ML-2's ferocious and biting tone will slice through any blast beats your rhythm section can

**Extreme Metal in** 

a Compact Pedal



The FZ-5 uses COSM® technology to

famous vintage fuzz effects of the '60s and '70s. Turn the FUZZ knob to

BOOST and you'll create an intense distortion that even exceeds the

uthentically reproduce three

Fuzz **(401-747)** 

A Distorted Blast

from the Past

# ODB-3

**Crunchy Overdrive** Effects for Bass

An overdrive effect designed to cover the entire frequency range of bass guitars, including 5-string basses. Overdriven sounds can be blended with dry bass signal for maximum clarity and punch.



# **OD-3**

**Natural Overdrive with Endless Sustain!** 

Classic BOSS overdrive, based on a dual-stage design for bigger, fuller controls create overdriven sounds from mild to extreme with almost



# **BD-2** Blues Driver

The Perfect Tone for Blues

Get the tone of a bluesy, vintage tube amp in a compact pedal capable of anything from warm overdriven sounds to full-on distortion. Leaves the subtle nuances of your playing intact.



# **OS-2** OverDrive/Distortion

**Distortion and Overdrive** 

Together At Last! A flexible pedal capable of

producing overdrive, distortion, or a combination of both. Get "in your face" distortion while maintain the subtle nuances of single-coil guitar pickups.



**BOSS's Most Popular** 

Features dual-gain circuitry for

thick, tube stack distortion with

heavy mids and lows and long-lasting sustain. A 3-band EQ

with semi-parametric mids takes

vour sound to the extreme

Pedall

# **GE-7**

**Improves Your** Overall Tone

**CS-3** 

Compresses louder signals while boosting lower signals for smooth sustain without degrading the original sound quality. Onboard EQ provides precise tonal control; low-noise design for super-quiet operation.



Powerful 7-Band EQ!

Shape your sound and bands of equalization, Includes frequencies ranging from 100Hz to 6.4kHz with a powerful 15dB boost/cut per band.



# GEB-7

Bass Equalize

**Precise Tonal Control** With a frequency range from 50Hz to 10kHz, the GEB-7 is ideal for any bass guitar, including 5-string





# **DN-2** Dyna Drive

**An Overdrive Pedal that** Reacts to You

Equipped with Roland's Dyna Amp technology, this innovative overdrive pedal reacts to your playing dynamics. Get a transparent, clean sound by playing softly, for example, and transition smoothly to a powerful overdrive by picking aggregates. aggressively.



**Used by Pros Everywhere** 

A classic! Add some hard-edged distortion while preserving the subtle nuances of your playing dynamics. A Tone control is provided for easy sound shaping



# **DS-2**

**Two Distortions** 

for the Price of One

Features twin modes for an expanded range of distortion taking you from blues-rock rhythms to searing leads at the press of a pedal or twist of a knob



# MD-2

Mega Distortion

**Nu-School Distortion** with Massive Low End

This pedal's dual Distortion and Gain Boost circuits take thick, new level. Special Gain Boost and Bottom controls let you shape your tone for maximum volume and low-end punch.



# AC-3

Advanced Electric-To-**Acoustic Guitar Modeling** 

The AC-3 is a new-generation compact pedal that employs COSM® modeling technology to transform any electric guitar into a variety of beautiful acoustics.



# **C**∈-5

The Original Chorus

Produces everything from mild, natural chorusing to the penetrating stereo chorus popular in contemporary music. Covers a wide frequency range and includes both



# CH-1 SUPER Chorus

A Unique Stereo Chorus Delivers a clean chorus sound with crystal-clear highs and a unique stereo effect, variable between the left and right speakers. An EO function adjusts the tonality of the





# **⊂∈**B-3

## A Chorus Pedal with **Built-in Crossover**

A split-frequency chorus capable of applying warm, rich chorus to higher frequencies without muddying the lows. A space synthesis effect guarantees a natural and spacious chorus effect.



# Unbelievable "Talking" Wah Effects!

The world's first compact pedal to produce human-voice type wah sounds using a "Humanizer" effect. EXP Pedal mode allows foot control, plus dedicated Bass input for processing bass quitar.



# The Ultimate Octave Pedal

The OC-3 SUPER Octave puts new polyphonic octave effects, a Drive mode with distortion, and the original OC-2 effect in one convenient pedal that's ideal for



Pro-Quality Reverb — In Stereo

The RV-5 Digital Reverb gives you six of BOSS's best reverbs including spring reverb emulation, gate reverb, and an all-new "Modulate" mode — in a true stereo pedal.



# **Loop Station**

Mini Loop Station with Big Features Able to record 11 phrases for up to

16 minutes, the RC-2 is ideal for sound-on-sound layering or as a backing machine, a basic sampler, a phrase trainer, etc. Guide patterns are provided for accompaniment.



# Noise Suppresso

A "Must-Have" Pedal!

Eliminate unwanted noise and hum without altering your tone. A unique noise detection circuit preserves the natural attack and envelope, leaving your playing and dynamics



A SOUND INNOVATOR



# TR-2

# **Classic Tremolo Sounds!**

Reproduces the classic tremolo effects of vintage '60s amps using a Low Frequency Oscillator (LFO). LFO waveform is variable from triangle to square for producing a variety of classic tones.



# **BF-3** Flanger

# The Flanger Gets a Face-Lift

The thickest stereo flanging sounds ever in a BOSS pedal. Ultra mode produces BOSS's deepest flanging sounds ever, while Gate/Pan creates spacious flanging with a cool Slicer effect that seems to "swirl" around the listener



# PH-3

### **Modern Phasing with** Tap Tempo Sync

Vintage BOSS phasing effects including 4-, 8-, 10-, and 12-stage phasers, plus new "Rise" and "Fall" effects for unidirectional phasing. Tap tempo sync or realtime control of rate via an Expression/Pedal



# Pro-Quality Delay in a Compact Pedal

A powerful delay pedal with three distinct modes. A variable Delay Time control creates delays from 12.5ms to 800ms, while a Hold function is canable of producing repeats from here to infinity.



# **LS-2**

# **Simplifies Your Setup**

The easy way to switch settings among several effects or amplifiers, or route input and output signals. When used with an AC adaptor, the LS-2 can supply power to several BOSS compact pedals.



**Smooth Tone, Every Time** Smoothes out your playing by eliminating harsh volume peaks, even when using dynamic slap and pop techniques. Ratio and Threshold knobs allow precise control of limiting parameters.



# SYB-5 Bass Synthesiz

**Synth Power Under** 

Your Foot Utilizing the latest in DSP technology, the SYB-5 faithfully reproduces the classic sound characteristics of analog synthesizers. The 11 internal . sounds are supercharged for thick, aggressive tone.



# **TU-2**

**Convenient Pedal-Based** 

Legendary BOSS tuning in a convenient, easy-to-use compact pedal design. A 7-segment LED and 11-point Stream Meter ensure accurate tuning, even in low-light



## **Digital Delay** The Next Step in

Compact Delay The DD-7 takes the best features from its predecessors and expands the creative potential with Modulation Delay mode, classic modeled Analog Delay mode, external nedal control ontions longer delay time, and more.



# PS-5 SUPER Shifter

Pitch Shifting and Beyond

Combines intelligent pitch shifting (+/-2 octaves) and harmonist functions with new Tremolo Arm/ Flutter effects. Tremolo Arm hends notes to a pre-selected value while Flutter simulates the slapping of a tremolo bar.





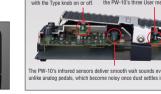
# The World's First Modeling Wah Pedal! The amazing BOSS PW-10 V-Wah® is likely to be the last wah pedal you'll ever need or want. This

first-of-its-kind programmable modeling wah uses COSM technology to recreate some of the most popular wah pedals in history. These include

"CBY-Wah" (the classic wah sound), "VO-Wah" (the British wah sound), "MO-Wah" (a popular new-school wah sound), and "Uni-V" (a vintage swirling rotary effect). But the PW-10 doesn't just do wah; it also creates analog synth-like sounds via its "Double Resonance" mode and cool "talking" sounds in "Voice" mode. Eight types of overdrive sounds are also included. which can be dialed in with the Drive knob. Special infrared sensors give this wah smooth and noise-free sound, while three digital memories make it easy to recall your favorite settings. To try it is to love it!



CUSTOM ADVANCED VOICE CBY-WAH
VO-WAH MO-WAH BLUES OD UNI-V



- 00/00 1111			
METAL ZONE	MUFF FUZZ	VINTAGE OD	GUV DIST
DISTORTION	TURBO OD	BLUES OD	BOOSTER

# **High-Quality Pedals for Guitar and Keyboards**

# FV-500H Foot Volume

The FV-500H (mono, highimpedance, inst. level) volume pedal offers a new stylish design, a road-tough build, and a comfortable, smooth action,

# FV-500L Foot Volume

The FV-500L (stereo, lowimpedance) die-cast volume pedal is built for comfort and durability, ready to meet the needs of the most demanding pros.



# FV-50HI Volume Pedal

COSM WAH TYPE

The high-impedance FV-50H is designed to be connected before guitar effect units in the signal



# FV-50L Volume Pedal

The low-impedance FV-50L is designed for connection after effects units or for use with keyboards.



# **Popular vintage Fender® amps reproduced via COSM!**

# 

The tube amps produced by Fender Company in the U.S. during the '50s and '60s are still highly prized by guitarists all over the world. Approved by the Fender Company, the BOSS Legend Series employs COSM® technology to reproduce the true tone of the '59 Bassman<sup>®</sup>, one of the most popular Fender vintage amps, and their '65 Deluxe Reverb<sup>®</sup>. Brought to you by BOSS, these pedals represent an exciting new concept of retro-modern compact effects.





# FBM - 1 Bassman

# **Detailed modeling of the Fender '59 Bassman**

Powered by COSM® technology, the FBM-1 authentically reproduces the Fender '59 Bassman that was beloved in rock and blues for its fat-yet-transparent sound. Fender has granted permission to use the Bassman name and logo to only one company in the world, and, naturally, that company is BOSS. By using the FBM-1 as a pre-gain pedal, the unique sound of the Bassman can be added not only in combination with a clean guitar amp, but with a tube amp as well. The gorgeous tone characteristic of the Bassman can be easily reproduced with the same classic controls as the original, including Presence, Treble, Mid, and Bass EQ, plus a Bright input.





# FDR-1 Deluxe Reverb

# Fender '65 Deluxe Reverb in a Compact Pedal

COSM® technology faithfully reproduces the classic Fender '65 Deluxe Reverb and the warmth unique to compact vacuum tube amps. Exclusively anointed by Fender, the FDR-1 is a retro-modern marvel. Employed as a pre-gain pedal, it allows the special sound of the Deluxe Reverb to be used in com with either a clean guitar amp or a tube amp. Equipped with control knobs just like the original, the FDR-1 perfectly simulates the characteristic spring reverb and vibrato of this beloved vintage amp.







**Extra Surface Area, Extra Control Extra Expression** 

Power and precision unite in the Twin Pedal series. More feature-packed than your standard stompbox, each Twin represents the pinnacle of power in a compact case. Double your foot power and expression with these unique 2-pedal effects.



SL-20 AUDIO PATTERN PROCESSOR Also Great for BASS Instant Groove and Melody Maker

Inject a shot of high-octane fuel into your music with the SL-20 Slicer. nject a snot or nign-octane inei into your music with the St-Zu Silver.
Instantly transform a guitar, bass, keyboard, or vocal into a pulsating groove instantly transform a guitar, uass, keybuard, or vocal mild a puisating ground instrument. Choose from 50 onboard Slice patterns or experiment with the SL-20's innovative Harmonic Slicer feature, which generates

percussive melodies, Loop Record, and unique 3D Panning.





RE-20 ROLAND SPACE ECHO RE-201 The Rebirth of a Roland Classic

Roland's legendary RE-201 Space Echo is reborn through COSM® technology Moland's legendary ME-zul Space Echu is revurn ulruugh CUSINI Technin the RE-20. The classic chorus effect produced through tape speed, om the Kc-Zu. The classic chorus effect produced unrough tape speed, compression, and saturation are meticulously reproduced. Features include 11 types of echo and reverb effects, a

virtual tape display, tap tempo, and parameter control via expression pedal.





OD-20 OVERDRIVE/DISTORTION PETERS 22 Overdrive/Distortion Pedals Right

The OD-20 Drive Zone uses advanced COSM® technology to model the sound of classic overdrive/distortion pedals, as well as creating new sounds of its Classic overarive/distortion pedals, as wen as creating new sounds or its own. There are 22 models to choose from, plus new "Attack Shape" and own. Inere are ∠ mouels to choose from, plus new Attack Shape and "Heavy Octave" parameters for dialing in subtle nuances or extreme tones. Four User memories store your settings, while an Amp Control jack lets you switch amp channels





EQ-20 GRAPHIC EQUALIZER Also Great TOT BASS

The World's Most Powerful EQ Pedal

The EQ-20 Advanced EQ gives guitarists, bassists and other live performers 10 bands of programmable digital EQ with stellar sound quality. Physical 10 bands of programmable digital EU with stellar sound quality. Physical sliders make instant EQ tweaks easy, and a straightforward Write function EQ settings into nine memory





The Travel-Light Looper

Explore the expressive options of sound-on-sound performance with the Explore the expressive options or sound-on-sound performance with the best-selling RC-20XL. Layer phrase upon phrase until you fill up the 16 uest-senning no-zual. Layer purase upon purase unun you un up une io minutes of ample recording space. Create a massive "one-person band"

solo, change tempo without changing pitch, undo mistakes, and do it all live in real time.



CHORUS ENSEMBLE

CE-20 DIMENSIONAL PROCESSOR Also Great for BASS BOSS's Ultimate Chorus Pedal

The CE-20 Chorus Ensemble is the culmination of over 25 years of BOSS chorus experience. This programmable chorus pedal not only models classics such as experience. This programmable chorus pedal not only models classics such as the CE-1 and SDD-320, but creates entirely new effects, including chorus for bass the oc-1 and sub-szo, but creates entrepy new enects, including chorus for bass and acoustic guitar. New "Brilliance" and "Ambience" knobs offer unprecedents no guitarist should be without.





GIGA DELAY DD-20 DIGITAL DELAY Also Great for BASS

BOSS's Next-Generation Delay

The DD-20 Giga Delay provides up to 23 seconds of delay with easy ine υυ-Ζυ uiga vejay proviues up το Δ3 secunus vi αejay with easy adjustment via push-button knob or tap tempo. With a choice of 11 modes including new "Smooth" and "Twist" delays and sound-on-

sound recording — this is BOSS's finest delay pedal to date.



ROTARY ENSEMBLE
RT-20 ROTARY SOUND PROCESSOR Supreme Rotary-Speaker Simulator

With its powerful COSM®-modeling core, the RT-20 authentically recreates legendary rotary-speaker sounds. It offers adjustable Rise Time, Horn and Bass speed, Overdrive, and more. And not just for classic spin, the RT-20 can Bass speed, Overdrive, and more. And not just for classic spin, the ni-zu can be used to create unique overdrive and pulsating effects as well. This pedal

stunning graphical view of the virtual rotors on its built-in display.

**Richness of** 

stic Instrument

oxes are just for electric proudly offers a trio of

nsforms under the

owered modeling. en diminish the fullacoustic guitar, and r the beautiful tone of

D-series can give

stic guitars the warm iked acoustic sound in

sors for piezo-equipped repare to be amazed as

**Enhance the Clarity,** 

Who says stom

the studio.

# **BOSS** — the Most **Trusted Name in Tuning**

TU-15 CHROMATIC TUNER

The flagship Tuner with Accu-Pitch™

The TU-15 is BOSS's ultimate tuner, offering renowned

needle-point accuracy, backlit design, flat tuning and

needle-point accuracy, backin design, hat uning and a host of "world's first" features not found in any other tuner — including new Accu-Pitch and Octave Adjust

The famous TU-series incorporates BOSS's world renowned tuner technology into an ultra-convenient, portable package. Accurate and easy to use, BOSS tuners let guitarists and bassists prepare for performance with versatility and reliability.



TU-12 CHROMATIC TUNER

The Industry Standard The worldwide standard used by top musicians everywhere, thanks to extremely accurate, easy-to-use tuning.



TU-12H CHROMATIC TUNER

**Great for Woodwinds and Brass!** Offers an extended tuning range of C1 to B6 for tuning a variety of instruments including guitar, bass, woodwind, brass, and ethnic instruments.





AD-8 ACOUSTIC GUITAR PROCESSOR

Unlock Your Instrument's True Potential A dream machine for acoustic guitarists who want to improve their sound, the AD-8 can enhance

A dream machine for acoustic gunarists who want to improve their sound, the AU-8 can enhigh any piezo-equipped steel-string with the warmth and tonality of the world's finest acoustic any piezo-equipped steel-string with the warmth and tonality of the world's finest acoustic guitars via advanced COSM modeling. Six guitar models are provided, with dedicated controls for the string of the world's finest acoustic guitals via auvanced CUSM modeling. Six guitar models are provided, with dedicated controls fo body resonance and string enhancement. The AD-8 also offers automatic feedback elimination, bids consists an experience of the consists and the consi high-quality reverb, 4-band active EQ, an

onboard chromatic tuner with Mute, four preset memory locations for switching



Floor-Based Acoustic Processing Incorporates many of the AD-5's outstanding

features — such as anti-feedback processing. reverb and chorus effects — into a rugged, floor-based unit with stompbox simp



TU-2 Chromatic Tuner Convenient Pedal-Based Tuning

Legendary BOSS tuning in a convenient, easy-to-use compact pedal design.
A 7-segment LED and 11-point Stream Meter ensure accurate tuning, even in low-light settings or under bright stage lights.



RC-50 LOOP STATION Also Great for BASS

# The Industry-Leading LoopStation

Looking for the ultimate loop recorder? Meet the RC-50 ... the most feature-laden LoopStation BOSS has ever built. It's the best live looping tool ever built for that matter. Housed in a spacious sevenfootswitch floor unit, the RC-50 lets you manipulate three stereo phrase tracks simultaneously. Each track supports multiple overdubs, so phrases can be stacked one by one on each track, resulting in a monstrous layer of looped phrases.



**LOOP STATION** 

Quantize, and Undo/Redo.

RC-2 LOOP STATION

**Mini Loop Station** 

with Big Features

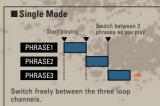
The RC-2 can record, loop, layer and store up

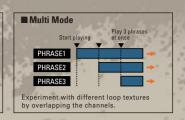
to 16 mono minutes of audio from your own

instrument or other external input devices,

such as MP3 players/recorders. Each of your

lavered loop creations can be saved to one of 11 internal patch preset locations. In addition, the RC-2 provides a wealth of handy and powerful features such as a jam-along Rhythm Guide, Auto Start, Tap Tempo, Loop











# LOOP STATION RC-20XL

# **The Travel-Light Looper**

For musicians who like compact rigs, the RC-20XL is the perfect LoopStation for creating multi-layered performances in real time. Loops and riffs can be stacked repeatedly until the 16 minutes (!) of ample recording space is full; you can save up to 11 loops at a time. The Undo and Auto-Quantize functions make it easy to create perfect loops. You can even change the tempo of the loops without changing their pitch. Never before has it been so easy to create a massive "one-person band"









# Here's how to make a loop layer in real time. You don't even have to take your hands off your instrument. ■ Simple loop recording with hands-free operation







Create a Backing Track, Fast!

Powerful Loop Recorders for

Loop, Layer, Rock! Transform a single instrument or voice into a wall of layered sound. Unleash the ultimate guitar or bass solo onstage. Plug in

With an RC-series LoopStation, quitarists and bassists can build the ultimate solo live onstage. DJs & rappers can create on-the-fly remixes and loops. Vocalists can plug in a mic

FOR VOCALISTS

**Live Performance** 

a mic and create cool vocal layers.

Loops for All Musicians

and start singing and layering!

GUITARISTS/













# GUITAR EFFECTS PROCESSOR

# **■ Pro Specs**

Drive your tone in luxury through the GT-PRO's top-grade circuitry and balanced outputs. Thanks to its improved signal-to-noise ratio, the GT-PRO offers an incredibly pure signal path. Use the GT's advanced tools to design your own original guitar sounds for stage and studio.

# **■ Dual COSM Preamps**

With its dual COSM amp-modeling engine, the GT-PRO allows you to construct towering tones by combining any two of the 46 amp models — then layer, switch, or pan between them as your play. Amp channels and effects can even be controlled according to how hard you play (picking dynamics).



# **■ Flexible Connectivity**

No matter how simple or complex your programming and patching needs are, the GT-PRO has the I/O options and routing flexibility pro's demand, including XLR outputs, three sets of send/returns, and a 24-bit coaxial output for pristine, high-resolution recording.



# USB Connection

For quick and easy computer interfacing, the GT-PRO provides a USB port for one-cable data transfer and audio flow.

Complicated settings are made easy by using the bundled PC/Mac-based editor/librarian software. You can instantly recall all of your settings for live gigs and recording sessions from your PC with a single USB connection.



**Two Tons of Tone in a Rack** 

rack has to offer.

Double your power, double your tone — the GT-PRO is driven by a dual COSM® effects engine and an expansive I/O section. It's the perfect front-end for driving a wall of powered cabinets or for direct,

pro-grade recording applications. Whether on stage or in the studio, you'll be amazed at how much power and performance this top-quality



# The Dual-COSM® Power Rack

For the guitarist who's looking to upgrade his or her tone pallet, who demands rock-solid reliability, who needs extremely flexible signal routing and I/O options, the BOSS GT-PRO is a grand-slam. Plug in, turn on, and experience the very best of BOSS with the GT-PRO.

# ■ 2-Channel individual Stereo Outs

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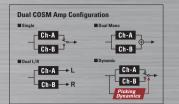
I/O flexibility is the name of the game with the GT-PRO, as it also provides four 1/4-inch analog audio outputs, a pair of balanced XLR outputs, and three pairs of effects send/returns. If you wish to add some serious settings for the stage environments, you can split the signals independently to a couple of guitar amps and go to the PA with the stereo Sub Outs at the same time.

# **■ Computer-Friendly Design**

For one-cable patch management and advanced sound design, a USB port is provided for connecting the GT-PRO

to a computer of your choice; the GT-PRO comes with Mac/PC editor/librarian software at no additional cost. In addition, it provides USB-Audio









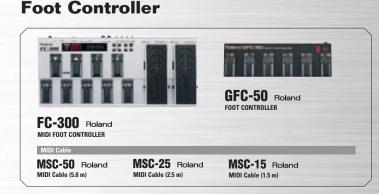
# VO Lead VO Clean MATCH Drive Fat MATCH MATCH Lead BG LEAD BG LEAD BG Lead BG Drive BG Rhythm Smooth Driv Mild Drive MS STACK

BOOSTER Booster	CLASSIC	LOUD
Blues OD Crunch	GUV DS DST+	Sharp Mechanical
NATURAL Natural OD Turbo OD Fat OD	SOLID Solid DS Mid DS Stack	FUZZ '60s FUZZ Oct FUZZ MUFF FUZZ
OD 1 T Scream Warm OD	MODERN Modern DS Power DS R MAN	
DIST Distortion Mild DS Drive DS	METAL Metal Zone Heavy Metal Lead	

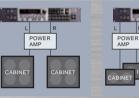
FX 1/2	FEEDBACKER	REVERB
ADV COMP LIMITER T WAH AUTO WAH TONE MODIFY	ANTI FEEDBACK HUMANIZER SLICER WAVE SYNTH SUB EQ	FX 2 HARMONIST PITCH SHIFTER PEDAL BEND OCTAVE
GUITAR SIM TREMOLO	COMP	ROTARY
PHASER	EQ	2x2 CHORUS AUTO RIFF
FLANGER	WAH	GUITAR SYNTH
PAN VIBRATO	LOOP	AC PROCESSOR
UNI V	OD/DS	SOUND HOLD SUB DELAY
RING MOD	PREAMP/SPEAKER	NOISE SUPPRESS
SLOW GEAR DEFRETTER	DELAY	FOOT VOLUME
SITAR	CHORUS	- FOOT VOLUME

COSM CON	APRESSOR TYPE	COSM W	AH IYPE
BOSS Comp Hi BAND Light D Comp	Orange Fat Mild Stereo Comp	CRY WAH VO WAH Fat WAH	Light WAH 7String WAH Reso WAH
COSM LIM	ITER TYPE		

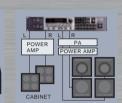
# Control the GT-PRO from the Floor with BOSS's FC-300 or GFC-50



# ■ Connecting With Power Amps. Plus Cabinets



Connect the stereo outputs to individual power amps and



Connect each output channel to Connect the Sub outs to a stage PA. Another channel is cabinets. You can designate the used for monitoring.

# **■** Connecting With Guitar Amps

a single power amp for Dual

mode or stereo effects.

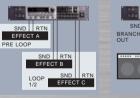


Connect to the JC-120. Using JC's stereo return jacks, you can take advantage of the GT's stereo effects.

you can select guitar amps with the patches you've

freely control stereo sounds with four quitar amps.

# ■ Using the GT-PRO's Effects Loops



Up to three external effects can Pre loop is used for a branch be used. You can assign effects out. Removing the direct sound send/return to the GT's Pre loops ON/OFF per Patch.



from the Master outputs, you loop. You can select each

preamp case by case.

# For Recording



Record to DAW software through the GT's USB port. The same sounds can be monitored live performance with pristine through your guitar amp.

Using GT's digital output, you quality



you can reamp your dry guitar sound with a single USB

# GT-PRO GUITAR EFFECTS PROCESSOR GUESTA DEFE

# For Stage or Studio, the GT-PRO is Built to Satisfy the Most Demanding Professional

# ■ Powerful Dual COSM Amps

The GT-PRO's dual COSM amp modeling engine allows unprecedented tone exploration by combining two amp models, or by switching between them during performance. Tap into the expressive Dynamic mode, where two channels can be controlled based on picking strength. Transition smoothly from clean to mean by simply picking harder or softer.

# ■ Meticulous COSM Editing

The GT-PRO crushes the competition with its unique and powerful COSM editing. Thanks to BOSS's advanced physical modeling, you take complete control over your tone by constructing your virtual rig from scratch, including the choice of speaker types, microphone amp position, and more

The 46 COSM amp models built into the GT-PRO contain a specially programmed variation that's optimized for soloing. Simply click the Solo switch to activate the lead tone, and off you go — it's like having a separate solo channel on every COSM amp!

## **■ Extreme Effects**

Looking for BOSS's best effects? You'll find them here. As the top of GT line, the GT-PRO provides 44 effects categories, with 200 preset- and 200 user-patch locations. Choose from compressors, overdrives, delays, reverbs, choruses, EQs. wahs, and dozens of other BOSS-quality effects — including a sitar and acoustic guitar emulator onboard.

# **■ Flexible Effects Chain**

Prepare to be impressed with the GT-PRO's flexible effects chain. Internally, the 15 effects blocks can be configured in any order you desire; externally, a trio of stereo effects loops plus an array of assignable outputs enables the most flexible signal-routing configurations.

### ■ 2-Channel External Amp Control

The GT-PRO provides two Amp Control jacks, which can be programmed independently to switch amp channels, operate external effects, and more.



# **Advanced Processors** for High-Impact Performance

Trusted by the world's greatest players, BOSS's flagship multieffects processors deliver unsurpassed sound quality and programming flexibility for both stage and studio.



GT-10/GT-10B

# Effects Excellence. Meet the Next Generation GT!

# Ultimate Sound Quality and Natural Feel

The GT-10 and GT-10B are intended for players who seek the ultimate quality and creative control. With marked advancements in sound quality, amp modeling, and distortion effects, the GT series represents a new era in effects. Expression is unprecedented thanks to unique performance-based tone shifting between twin channels. For guitar and bass, the new GT series ushers in a new era of sound quality and creativity.

# Instantly Create New Sounds with EZ TONE

EZ TONE is innovative feature that lets anyone create custom sounds withgraphic icons and intuitive terms such as "soft" or "hard." Choose the basic sound type you want according to music genre, song imagery, and performance style. Then shape the sound by simply moving the cursor on the Tone Grid matrix toward Soft or Hard and Solo and Backing. Now anyone can easily create \*EZ TONE lets you visualize the sound you have in mind. custom sounds.

# Parallel Effects Chain & Phrase Looping

For amazing performance power and unique sound design, the Parallel Effects Chain lets you freely switch or blend two independent effects paths according to your playing intensity. Also of note is Phrase Loop, great for idea sketching, practice, and mind-bending performance with up to 38 seconds of mono recording and sound-on-sound looping.



# ME-50/ME-50B

# **Powerful Multi-Effects with Stompbox Simplicity**

# **Suite of Powerful Effects**

The ME-50 for guitar and ME-50B for bass are loaded with top-shelf BOSS effects, including overdrive, distortion, modulation effects, delays, compression, noise suppression, reverb, and more. It's a dream lineup of effects guitarists and bassists needs for creating their ideal sounds, all in a single, friendly unit.

# The Friendly Feel of Stompbox

High power doesn't have to mean complexity. The ME-50 and Me-50B are fully loaded, but they also benefit from BOSS's know-how in making technology friendly. With both units, you'll be creating the sounds you have in mind just by turning knobs.

# **Industrial Strength Design that Travels Light**

They're compact enough to slip into a gig bag, but built tough enough to endure heavy use. Convenient and clean, these high-performance power stations are perfect for any environment, whether onstage, in the studio, or wherever the action is.



# **ME-20/ME-20B**

# Multi-Effects with a Compact-Pedal Feel

# **Easy-To-Use Performance Effects**

From the smallest compact pedal to the most feature-laden rack, the BOSS brand is synonymous with effects that sound great and are built to last. The ME-20 and ME-20B are powerful, easy-to-use, road tough, and optimized for effortless, fluid live performance. These popular multi-effects units bring BOSS's high-end effects technology to a very affordable price point.

# **Simple-Access Controls**

Just by turning knobs, you can create sounds as easily as you can with a stompbox. With EZ Edit, you can even use a single knob to instantly access the most essential parameters.

# Handy Size, Tough Case, Runs on Batteries

Built road-tough and ready to rock, the ME-20 and ME-20B feature die-cast aluminum bodies, yet the refined A4 design is cool enough to show off on stage. Thanks to battery-power operation, you can run them anywhere.



■ Advanced Sound, Natural Feel Powered by BOSS new-generation processor and proprietary COSM® sound-modeling method, the GT-10 ushers in a new era of audio quality for guitarists, featuring tone quality that's significantly higher and performance response that's more natural and musical.

■ Double Power with Two Signal Paths The GT-10's Parallel Chain feature provides two separate effects paths, including COSM® amp models for seamless switching between clean tone and lead, and vice versa. The two channels can be used simultaneously, blended by expression pedal, or even switched based on your playing dynamics.

Example of Parallel Chair



# ■ Flexible Phrase Looping

Use the GT-10's Phrase Loop feature for sound-on-sound performance. Recording has been extended to 38 seconds (mono mode). Phrase Loop can be placed before or after the effect chain. In the post position, the effect patch can

be manipulated and recorded as part of the loop. Used in the pre position, Loop Record captures the raw incoming performance, allowing you to experiment with a variety of effects during playback.

**■ EZ TONE for Quick Sound Creation** The GT-10 is a pro player's dream, but it's also friendly enough for first timers. The innovative EZ TONE wizard helps you create great sounds quickly with its intuitive approach to sound design based on icons. Simply move the cursor left, right, up, and down along the Tone Grid matrix. The GT-10 makes it easier than ever to achieve your dream sound.





STEP 3: On the Tone Grid screen, adjust the Distortion Character along the Soft/Hard and Solo/Backing axis.



STEP 2: Select sound style and

STEP 4: On the Tone Grid screen adjust EFX Character along the Short/Long and Dry/Wet axis.

**■**Connectivity for Studio and Stage

A simple USB connection to a computer is all it takes to directly record high-quality GT performances to your favorite DAW software. The GT-10 also offers a wide variety of audio inputs and outputs for creative signal routing, such as ampcontrol outputs, a send and return, and digital output. A pair of control pedals enables additional real-time expression.



■ Special Librarian Software, Available via BOSS Web

Download the free GT software librarian from www.bossus.com. It's a simple, convenient way to transfer your effects settings to computer, and easily back up and manage your collection of sounds.

### GT-10 EFFECTS LIST SOUND HOLD PAN FOOT VOLUME BOSS Clean R-FIER Mdn Mid Boost DEFRETTER AC.PROCESSOR SLICER PEDAL WAH R-FIER CIn WAVE SYNTH FEEDBACKER VIBRATO PEDAL BEND Jazz Combo MATCH Drive T-AMP Lead Treble Bst Mild DS Metal Zone GUITAR SYNTH ANTI-FEEDBACK RING MOD. T-AMP Crnch SITAR SIM. PHASER OCTAVE FLANGER Lead MATCH Lead T-AMP Clean Crunch BG Lead BOSS Drive Natural OD '60s FUZZ Oct FUZZ NOISE SUPPRESSOR 2 Clean TWIN BAT 2X2 CHORUS GUV DS PITCH SHIFTER TREMOLO SUB DELAY Pro Crunch BG Drive SLDN HARMONIST ROTARY **DELUX Crnch** BG Rhythm Lead Stack Modern DS AUTO RIFF UNI-V Heavy Lead Solid DS BOSS Crunch MS1959 I MS1959 I+II BOSS Metal FX-1/FX CRY WAH Fat WAH Light WAH ADV.COMP VO WAH MS Scoop Metal Lead AUTO WAH R-FIER Vnt Edge Lead SUB WAH GRAPHIC EQ GUITAR SIM.



# **Meet the New Ace of Bass**

■ Best of Both Worlds: Authentic Bass Tone & Radical Sound Shaping

Bass players can enjoy the same core process and flexibility of the GT-10 in the GT-10B, optimized for the low-frequency domain. The massive power of BOSS's latest DSP engine and COSM® sound modeling are included to provide the most creative and essential features for bass, including finely tuned compression, limiting, and EQ. With Parallel Chain, Phrase Loop, and EZ TONE onboard, the GT-10B takes its place as the most advanced-yet-friendly bass station on the market.

**■ Two Dimensions of Expression** The GT-10B's Parallel Chain provides two discrete signal

paths. Shape your sound by freely allocating a variety of amazing effects, including a COSM amp channel. With two discrete channels instantly available, you can switch between or blend the two paths according to your playing dynamics for incredibly expressive bass performances.



■ New Creativity with Phrase Looping Phrase Loop lets you record a bass performance and play along with it, sound-on-sound style. The recorded loop can be up to 38 seconds long (in mono). You can create the phrase loop either before or after the effects chain for creative sonic control. Impress your audiences with



■ Quickly Create Custom Sounds with EZ TONE

multi-lavered performances!

EZ TONE is a notable new feature that provides fast and friendly control of sound design. Simply turn the knobs while viewing the graphical Tone Grid on the large LCD. It's as simple as using a compact-effects pedal!





■ Flexible I/O

A simple USB connection to computer is all it takes to directly record high-quality GT performances with your favorite DAW software. The GT-10B also offers a wide variety of inputs and outputs for creative signal routing, such as the amp-control outputs, a send and return, and digital output. A pair of control pedals enables additional real-time expression.



CT IND EFFECTS LIST							
GT-10B EFFECTS LIST		■ PREAMP TYPE		Bass Driver	Bass MT	SOUND HOLD	SLICER
COMPRESSOR/LIMITER	REVERB	SUPER FLAT	SESSION	Bass OD	Metal Zone	PHASER	VIBRATO
OD/DS	MASTER	FLIP TOP	AC BASS	Blues OD	Bass FUZZ	FLANGER	RING MOD.
PREAMP	FOOT VOLUME	B MAN	GTR Clean	Bass DS	MUFF FUZZ	TREMOLO	HUMANIZER
EQUALIZER	PEDAL WAH	CONCERT 810	GTR Crunch	GUV DS	HiBandDrive	ROTARY	2X2 CHORUS
FX-1	PEDAL BEND	BASS 360	GTR Drive	■ FX-1/FX-2		UNI-V	SUB DELAY
FX-2	NOISE SUPPRESSOR 1	T.E.	GTR Metal	T.WAH	TONE MODIFY	PAN	
DELAY	NOISE SUPPRESSOR 2	<b>■</b> COMPRESSOR/LIMITE	R TYPE	AUTO WAH	BASS SIM.	■ WAH TYPE	
CHORUS		BOSS Comp	Vtg Rack U	SUB WAH	SLOW GEAR	CRY WAH	Bass WAH
		D-Comp	Multi Band	SUB COMP	DEFRETTER	VO WAH	Reso WAH
		BOSS Limiter	Natural	SUB LIMITER	BASS SYNTH		
		Rack 160D		GRAPHIC EQ	OCTAVE		
		OD/DS TYPE		PARA EQ	PITCH SHIFTER		
		Booster	Natural	ENHANCER	HARMONIST		

# **Maximum Processing with** a Minimal Footprint

Meet BOSS's famous floor-based multi-effects processors with ridiculously easy-to-use, intuitive interfaces. Best of all, there's a model for quitar and one for bass!



# ME-50 GUITAR MULTIPLE EFFECTS (ELISIA)

# Killer Tone Meets Ease of Use

- Works Just Like Your Favorite Pedals Easy Assignable Expression Pedal A multi-effects processor without a menu-driven LCD? Leave it to BOSS to design the most intuitive multi-effects processor ever. With simple knob-based control over each effect section, the ME-50 makes dialing in your tone easier than ever. And when you want to kick in an effect, just step on one of the footswitches. Think of it as a pedalboard full of stompboxes, just without all the individual pedals.
- **■Superb Overdrive/Distortion Effects** The ME-50 boasts a range of superb COSM® overdrive and distortion modes — perfect for use on stage with an amp. Derived from the popular OD-20 Drive Zone, these are some of the crunchiest, tastiest overdriven sounds you can imagine. There's even a 2000

"Square" effect for cool synth-type sounds. Of course, the ME-50 also has plenty of other effects like compression, analog delay, flanger, phaser, tremolo, Harmonist, Uni-V and a wicked Rotary effect.





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# ■ Memory Function for Live

The ME-50's Memory function makes changing Patches quick and easy. Once enabled, the three footswitches become Patch selectors for switching between three programs within one of the ME-50's ten memory banks. To switch banks, just press the Bank Up/Down buttons or use an optional footswitch. And with the ME-50's convenient tuner function, keeping your guitar in tune is easy.

0D-1 STAC 0D-2 Hi GA BD-2 MODD DS-1 SQUA MT-2 OCT F SCREAM MODDU DST+ CHOR GUV PHAS RAT FLAN	AIN COMPRESSOR
0D-2 HI GA MODD BD-2 NO DS-1 SQUA MOTO BS-1 SQUA DCTF CHOR GUV PHAS BAT FLAN MUFF FACE TREM	AIN COMPRESSOR
BD-2 MODE DS-1 SQUA MT-2 OCT F SCREAM MODUL DST+ CHOR GUV PHAS RAT FLAN MUFF HARR FACE TREM	
DS-1 SQUA MT-2 OCT F SCREAM MODUL DST+ CHOR GUV PHAS RAT FLANI MUFF HARM FACE TREM	
MT-2	
SCREAM         MODUL           DST+         CHOR           GUV         PHAS           RAT         FLAN           MUFF         HARN           FACE         TREM	INL COLOR
CRUNCH VIBRA LEAD UNI-V LOUD ROTA METAL	RUS FOOT VOLUME SER WAH IGER RESONANCE WONIST VOICE 10L0 RING MODULATOR BEND(+1 OCTAVE, -1 OCTAVE) V

# ME-50B BASS MULTIPLE EFFECTS FUELZI

# **Big-Time Multi-Effects for Bass**

# ■ Multi-Effects Made Simple

BOSS understands that bass players want access to powerful effects, but they don't want to get caught up in the menus and programming hassles of a multi-effects processor. Enter the ME-50B. Just like its guitar-oriented sibling, the ME-50B puts BOSS' finest multi-effects for bass into a convenient floor processor with the feel of a compact pedal. Forget about menus and cursor buttons.

Just reach down and twist a knob!

# ■ Independent COSM® Compressor/ Limiter and EQ

Everyone knows that the fundamentals of good bass tone are compression and EQ. That's why the ME-50B features two dedicated sections for these essential effects. The Compressor/Limiter uses advanced COSM modeling — including a "Natural" compression setting that retains the nuances of your playing — to give you tight, punchy tone. Simply select the compressor "Type" and adjust the Sustain/Threshold knob to get the tone you want. The Master section includes a 3-band EQ with a sweepable mid for precise tonal shaping.



# ■ Get Creative with Cool Filter/

Tone Effects
The ME-50B includes a variety of unique tone-shaping effects just for bass. These include a handy "Octave Up" effect, which adds a note one octave above the original while retaining your natural bass sound — complete with adjustable drive on the octave-shifted note — plus favorites like Slow Gear, T-Wah and a Defretter effect for instant fretless sounds. Using the Tone effect preset, you can get quick tonal variations with preset EQs like "Bottom Boost" and "Mid Shape."

# ■ Incredibly Warm Overdriven Sounds and More

Want some extra bite? Switch on the ME-50B's Drive effects, which include settings like "Muff Fuzz,""Bass Driver," "Natural" and "Metal" to give you a range of overdriven/distorted sounds.

A "Hi Band" effect creates a distorted sound on the high frequencies while keeping the lower frequencies intact perfect for creating complex tones while keeping your original playing dynamics. There are also four synth bass sounds with superb tracking and natural feel.

■ Sound On Sound with a Twist Sound On Sound recording is very popular with guitarists, and now bass players can build their own loops, too. But the ME-50B can do even more. Using the Kick Drum function, players can tap in their own kick drum and create loops over the beat. If that's not enough, check out the Sound Hold function, which lets you endlessly sustain a low note while playing over it. With the ME-50B, bassists can take their playing to a whole new level.

O O O O O

A SOUND INNOVATOR

COMPRESSOR/ LIMITER NATURAL LIMITER	ENHANCER BOTTOM BOOST MID SHAPE HOLLOW	DELAY/MODULATION  N.TAP DLY HOLD DLY ANALOG DLY
160D SOFT 160D HARD D-COMP	DRIVE NATURAL BASS DRIVER	0-400 ms DLY 300-1400 ms DLY PHASER
MASTER EQ LOW MID MID FREQ HIGH	OVER DRIVE DISTORTION MUFF FUZZ METAL HI-BAND DRIVE	FLANGER CHORUS CHO+DELAY CHO+REVERB REVERB
FILTER/TONE T.WAH UP T.WAH DOWN T.WAH EDGE OCTAVE UP OCTAVE DOWN SLOW GEAR DEFRETTER	SYNTH SAW LEAD MILD FILTER DEEP FILTER SQUARE	PEDAL FOOT VOLUME WAH RESONANCE +1 OCTAVE -1 OCTAVE SOUND HOLD KICK DRUM

# high-end effects power to a very affordable price point.

ME-20 GUITAR MULTIPLE EFFECTS

# **Expressive Effects That Will Ignite the Stage**

# ■ Simple Operation — Works Like Compact-Pedal Effects

To get the sound you want, simply select an effect and tweak it using the knobs. Turn the ME-20 on, and it's just like having three BOSS compact-pedal effects side by side. No menus to navigate, no nonsense — it's fast, easy, fun, and yet powerful.

# **■** Famous BOSS sound

The ME-20 provides world-class overdrive, distortion, delay, chorus, phaser, flanger, tremolo, rotary, and E0 effects — all instantly customizable.

# ■ OD/DS Solo Function

Give distortion sounds clarity and an intense boost with a simple button press. The first of the three footswitches on the ME-20 is devoted to overdrive and distortion effects. You can also switch the effect on/off via pedal or an external switch (BOSS FS-5U) — great for instantly activating a "biting lead" tone.

■ EZ EDIT for Quick Sound Creation EZ EDIT lets you create sounds quickly and intuitively, with incredible ease and speed like no other multi-effects unit on the market. You can adjust a combination of effect parameters with a single knob, and then save your creations for instant recall.

# ■ Memory Function

Up to 30 of the sounds you create can be stored in the ME-20's User memory. In Memory mode, you can use the pedals to instantly select a stored sound. Since the ME-20 makes it so easy to create new sounds, the user memory bank ensures that you'll never lose those perfect patches.

# ■ AUX IN Jack

Plug a CD or MP3 player into this input jack and jam along with your favorite music. It's also a great way to plug in and play along with your favorite guitar heroes to help build and strength your chops.

# **■ Battery Powered Operation**

The ME-20 runs on battery power (six AA dry cells) so you can use it anywhere. Wherever you travel, the ME-20 goes with you and never requires an additional AC outlet. For those who want to plug in, however, an optional AC adaptor can be used.

VERDRIVE/DISTORTION	MODULATION		EQUALIZER
1: OVERDRIVE	1: CHORUS	1: 0-99ms DELAY	NOISE SUPPRESS
2: BLUES	2: PHASER	2: 100-700ms DELAY 3: REVERB	OD/DS SOLO
3: DISTORTION 4: METAL	3: FLANGER 4: TREMOLO	3. NEVEND	WAH
4. WETAL 5: FU77	5: ROTARY		FOOT VOLUME
6: COMPRESSOR	0.110.7111		MASTER LEVEL



# A SOUND INNOVATOR

# ME-20B BASS MULTIPLE EFFECTS

# **Unique Sounds That Will Make You Stand Out**

# ■ Simple Operation — Works Like Compact-Pedal Effects

To get the sound you want, simply select an effect and tweak it using the knobs. It's the same simple operation offered by compact-pedal effects. Special attention has been given to ease of operation and speed of use — ideal for immediate editing on stage or in the studio.

## ■ FX for Bassists

Mix, match, and customize a wide variety of effects for bass, including compressor, overdrive, distortion, T-Wah, phaser, flanger, chorus, delay, reverb, defretter, synth, and more.

# **■ BASS ENHANCE Function**

This function strengthens bass dynamics with a simple button press, adding richness and impact to the tone. You can also activate the effect with an optional pedal — great for instantly activating a "bass solo" tone.

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■ EZ EDIT for Quick Sound Creation
EZ EDIT lets you create sounds quickly and intuitively,
with incredible ease and speed like no other multieffects unit on the market. You can adjust a combination
of effect parameters with a single knob, and then save
your creations for instant recall.

# ■ Memory Function

Up to 30 of the sounds you create can be stored in the ME-20B's User memory. In Memory mode, you can use the pedals to instantly select a stored sound. Since the ME-20B makes it so easy to create new sounds, the user memory bank ensures that you'll never lose those perfect patches.

## ■ AUX IN Jack

Plug a CD or MP3 player into this input jack and jam along with your favorite music. It's also a great way to plug in and play along with your favorite bass heroes to help build and strength your chops.

# **■** Battery Powered Operation

The ME-20B runs on battery power (six AA dry cells) so you can use it anywhere. You can also use the optional AC adaptor for extended performances. Wherever you travel, the ME-20B goes with you and never requires an additional AC outlet. For those who want to plug in, however, an optional AC adaptor can be used.

SFX	COMPRESSOR/DRIVE		EQUALIZER
1: T.WAH UP 2: T.WAH DOWN	1: COMPRESSOR 2: OVERDRIVE	1: 0-99ms DELAY 2: 100-700ms DELAY	NOISE SUPPRESSOR
3: T.WAH EDGE	3: DISTORTION	3: PHASER	BASS ENHANCE
4: DEFRETTER	4: OD+DIRECT	4: FLANGER	WAH
5: OCTAVE	5: SYNTH 1 6: SYNTH 2	5: CHORUS 6: CHO+DELAY	FOOT VOLUME
	0.0111112	7: REVERB	MASTER LEVEL





# **BR** advantage

# **Hassle-Free Recording**

Simple four-step recording process! Realize your music, from concept to compact disc, with unprecedented speed

Grab a guitar.











# COSM® Amp & Effect Models

**COSM** powered modeling provides realistic emulations of vintage guitar amps, coveted compressors, and more. The BR-1600CD and -1200CD also offers COSM OD/DS models derived from BOSS's famous

GT-Line multi- effects. Various modulation and ambience effects AMP MODELING are also built in.

# Stackable V-Tracks

Record, layer, and keep layering with no worries, thanks to the BR's abundance of virtual V-Tracks. The flagship BR-1600CD boasts huge

256 V-Tracks, and there are 64 V-Tracks even on the compact BR-900CD. You can stack your tracks without space concerns or time



# **Mastering Tools**

Give your music a professional, polished sound with built-in, easy-to-use mastering effects. The quality of the BR's mastering tools will raise the quality of your music to

# **Powerful Rhythm Section**

Generate convincing backing tracks with the BR's easy-touse, onboard rhythm generator. The BR-1600CD and -1200CD provide a dedicated bass track and even audio loops. The BR-1200CD is equipped with the ultra-easy rhythm



# **Large Storage Capacity**

Press RECORD and jam worry-free. BR recorders feature high-volume storage media, so you'll never miss that magic moment when it happens. The BR-1600CD/1200CD's 80 GB hard drive allows over 240 hours\* of high-quality linear recording time (maximum).

# **Computer Connectivity via USB**

Need to exchange data with a computer? No problem. Each BR recorder comes equipped with a USB port for shuttling audio back and forth. It also supports WAV/AIFF import and export.



# All-In-One Solution

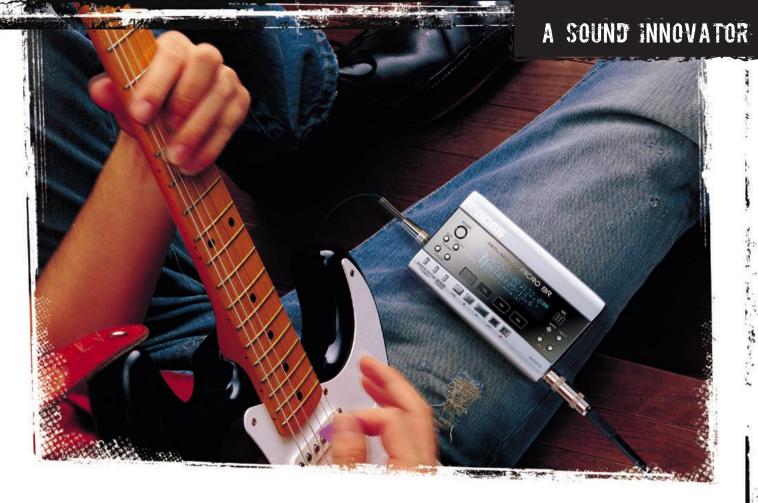
Record, edit, process, mix, master, and burn — the BR series can do it all. No additional recording gear required. The BR-1200CD/-900CD's Direct CD Bounce feature enables you to record your track and input mixes directly to CD-R/RW.



# **Perfect Vocals**

Pitch-correction and intelligent harmony\* tools onboard! Fix intonation problems and add backing vocals with \*BR-1600CD and -1200CD only





# **The World's Smallest Pro Studio!**

Meet the Ultimate Palmtop Guitar Companion and Recording Partner

# ■BR in Your Pocket

The MICRO BR is so small you can put it in your nocket! It measures just 136mm x 81mm x 21.4mm (5-3/8" x 3-3/16" x 7/8"). But even though it's tiny, the MICRO BR packs an entire studio's worth of features into its tiny case.

# ■ Four Tracks & More

At its core, the MICRO BR is a four-track studio with four simultaneous playback tracks and two simultaneous record/input tracks. However, each of the four main playback tracks also has eight companion V-Tracks.

# ■ RECORDING TIME

	32 MB	64 MB	128 MB	256 MB	512 MB	1 GB
HiFi (MT2)	15 min.	31 min.	64 min.	128 min.	257 min.	502 min.
Standard (LV1)	18 min.	38 min.	76 min.	154 min.	309 min.	604 min.
Long (LV2)	23 min.	47 min.	96 min.	192 min.	386 min.	755 min.

The above-listed recording times are approximate. Times may be slightly shorter lepending on the number of songs that were created. The above number is the total or all the tracks that are used. If each of the four tracks contain an equal amount of tata, the length of the resulting song will be approximately 14 of the above he memory capacity (recording time) decreases when the MP3 file etc. exist in the

irə						
	32 MB	64 MB	128 MB	256 MB	512 MB	1 GB
192 kbps	21 min.	43 min.	88 min.	177 min.	355 min.	693 min.
128 kbps	32 min.	65 min.	132 min.	265 min.	532 min.	1040 min.
64 kbps	65 min.	131 min.	265 min.	531 min.	1056 min.	2081 min.
WAV	2 min.	5 min.	12 min.	24 min.	48 min.	94 min.

\*The above-listed recording times are approximate. Times may be slightly shorter depending on the number of MP3/WAV files that were created. The memory capacity (recording time) decreases when the track data (Song) exist in

# ■ Handy Features

Only slightly larger than an iPod®, the tiny-yet-powerful MICRO BR is loaded with cool features. It offers a built-in microphone, built-in rhythm generator, a tuner, a USB port, an SD Card slot, and more.

# **■** Effects Engine Built In

A high-quality multi-effects processor is onboard, including COSM amp models for amazing guitar tones, plus a time-stretch algorithm for

changing the tempo of your audio tracks without changing pitch — a great tool for both audio editing and phrase training.

COSM AMP	MODELING LI
COSM GUITAR AM	P MODELING
JC-120	MS(1)
CLEAN	MS(2)
CRUNCH	MS(1+2)
MATCH	SLDN
VO DRIVE	METAL
BLUES	METAL D
BG LEAD	

# ■ MP3 Playback & Training Tracks

The MICRO BR is capable of loading and playing MP3 files. Import your favorite guitar song via USB, slow down the tempo with no pitch change, and learn your favorite licks. You can even use the MICRO BR as a standard MP3 player.

## **■USB Port For Data Transfer**

Import and export audio files to and from the MICRO BR via one simple USB cable. Just connect to your computer of choice, and drag and drop your files. It's that simple! Compatible file types include MP3 and WAV.



# MICRO BR

COSM USE S 128 MB SD Memory Card

# **■** Protective Case Included

Included with the MICRO BR is a stylish case designed to allow easy access to the controls and connectors so you never have to remove the case when operating the BR.



# OPTIONS



**BA-MBR-S** 





BA-PC15

AC Adaptor (117 V) Earphones/Guitar Cable Set





① GUITAR IN Jack 3 DC IN @ PHONES / LINE OUT Jack



# The Ultimate Notebook Studio

Only 27mm Thick. Yet Loaded with Features

# ■ Amazingly Thin, Yet Loaded With Features

The BR-600 provides eight simultaneous playback tracks, but there's more than meets the eye. Each of the eight tracks also contains eight V-Tracks (virtual tracks), which gives musicians quick access to 64 tracks of recorded material. A 128 MB CompactFlash card is included for up to 520 minutes of record time in Hi-Fi mode.

### ■ RECORDING TIME (conversion in one track)

	32 MB	64 MB	128 MB	256 MB	512 MB	1 GB
HiFi (MT2)	16 min.	32 min.	65 min.	130 min.	260 min.	520 min.
Standard (LV1)	19 min.	39 min.	78 min.	156 min.	312 min.	624 min.
Long (LV2)	24 min.	49 min.	98 min.	196 min.	392 min.	784 min.

### ■ Stereo Mic Onboard, Battery Operation

ambient sounds, the BR-600 is all

musicians need to get the job done

with no hassle.

Wherever musicians go, the ultra-portable BR-600 is ready to record. It can operate on six AA batteries (or AC). Quality stereo microphones are built in for point-and-capture recording on the spot. Whether for recording band rehearsals, gigs, or capturing





# **■ Extensive Effects with COSM**

Process your tracks with the powerful effects built into the BR-600. Derived from BOSS high-end recorders, these quality effects can give even the dullest tracks maximum

impact... mistakes can be fixed mixes can be mastered Included in the effects suite:COSM guitar and bass amp models plus chorus, delay, reverb, and EQ for every channel. Pitch correction is provided as well.

COSMI AIMIS MICDEFLING FIST								
COSM GUITAR AMP MODELING								
JC-120	MS(1)							
CLEAN	MS(2)							
CRUNCH	MS(1+2)							
MATCH	SLDN							
VO DRIVE	METAL							
BLUES	METAL D							
BG LEAD								
COSM BASS AMP MODELING								
AC	AMG							

# **■ Versatile Utility Functions**

Once you've recorded your tracks, you can take advantage of the BR-600's versatile utility features. Select regions of audio to move, delete, copy, or paste. Time-stretch any piece of audio to half-tempo without affecting its pitch. Use the Center Canceller to help remove lead vocals from pre-recorded songs. And no matter what you do, you can always revert to a previous editing state thanks to the Undo/Redo function.

# **■ Built-in Drum Machine**

Ready for an unexpected bonus? The BR-600 has a high-quality drum machine built in! Create perfect backing tracks from the nearly 300 drum/percussion patterns built in (rock, pop, blues, country, R&B, Latin,

# BR-600 COSM USB 128 MB CF Card Included

and more), or program your own beats using the velocity-sensitive pads. You can even import new sounds with the Tone Load function.

**国社会** 2007 点型的 天 78 北河區

### **■ Graphical Rhythm Editor Software** Available

You can program your own rhythms and arrangements with BOSS's new drum-editing software application, which is a free download for Mac or PC. It's the best of both worlds.



Notes: Graphical Rhythm Editor software available via free do www.bossus.com. It is not bundled with the BR-600. Editor software is also compatible with BR-900CD Version 2.

# **■ Computer Connectivity via USB**

The USB port allows the BR-600 to interface directly with computers. With one simple connection, you can store and retrieve data, remotely edit your audio with your favorite audio software, and burn CDs.

### **■ Convenient Extras** Each BR-600 ships new from the

factory with two handy accessories included for free: a custom BOSS carrying bag and an XLR-to-1/4" mic adapter.



① FOOT SW/EXP PEDAL Jack (1/4" phone type)

3 LINE OUT Jacks (RCA pin type (A) LINE IN Jack (Stereo ministure phone type

# (5) MIC 1 Jack (TRS 1/4" phone type)

# **Mini-Mighty Studio with CD-Burner**

Record, Mix, & Burn — Anywhere, Anytime

# BR-900 Version 2

EOSMI USB 1 GB CF Card Included

# ■ Eight Tracks & Beyond

No matter what you're recording, or where you are, the BR-900CD makes the job fast and fun. When recording, you can capture two tracks simultaneously, and layer up to 64 V-Tracks (eight V-Tracks per each of the main eight tracks). Once finished, you can select any eight tracks for playback. The BR-900CD can run on AC or battery power, which means you can now make professional-quality recordings any time, any place.

■ Abundant Recording Time

BOSS even includes the AC adaptor.

■ RECORDING TIME (conversion in one track

There's no need to worry about running out of recording time with the BR-900CD. It can record directly to popular CompactFlash cards of up to 1 GB capacity, which provides hours of recording time. The BR-900CD also has the ability to record directly to CD via its internal CD-R/RW.

	32 MB	64 MB	128 MB	256 MB	512 MB	1 GB		
HiFi (MT2)	16 min.	32 min.	65 min.	130 min.	392 min.	520 min.		
Standard (LV1)	19 min.	39 min,	78 min.	156 min.	312 min.	624 min.		
Long (LV2)	24 min.	49 min.	98 min.	196 min.	260 min.	784 min.		
ATI								

\*The recording times shown above are approxi the number of songs created.

# ■Studio-Quality Effects with COSM® Modelina

Proudly displaying the BOSS logo, the BR-900CD offers a lineup of quality effects that are worthy of the legendary name. In addition to the time-tested standards (reverb, EQ, chorus, delay), the BR provides additional pro-quality effects, such as vocal pitch-correction, bass simulation, pedal wah, and mastering tools. Version 2 also features dozens of new COSM guitar-amp models — a dream for guitarists.

# ■ Perfect Vocals

The vocal performance(s) can be perfected with the BR-900CD's pitch correction. This powerful set of editing tools can be used to fix incorrect pitch, and ensure that your vocal tracks always sound great!

■ Rhythm Programmer Onboard Songwriters will love the BR-900CD's

built-in rhythm programmer, packed with 294 expressive patterns. Use these realistic backing tracks as inspiration for both writing and recording. You can even customize your own beats using the handy Tone Load function.

# ■ New Ways to Groove

The original BR-900CD was equipped with a built-in drum machine. Version 2 has a virtual drummer onboard as well, hut with an advantage

a downloadable graphical Rhythm Editor software for creating rhythm pattern and arrangements visually via Mac or PC. It's the best of both worlds.

Notes: Graphical Rhythm Editor software available via free download at www.bossus.com. It is not bundled with the BR-900CD. Editor software is also compatible with BR-600.

# ■ Convenient Built-in Mic

BOSS thought of everything! The BR-900CD's built-in microphone is perfect for times when bringing a mic and cable along isn't practical.

# ■ Reliable & Road Ready

The BR-900CD is built to travel, built to last, and built to deliver the solid performance you need from session to session, year after year. While many computer-dependant recording rigs are riddled with OS conflicts, viruses, and other ongoing performance issues, BOSS's brand of award-winning dedicated recorders will get the job done time after time.

## **■ USB Compatible**

Connect the BR-900CD to the outside world with one convenient USB connection. Import and export audio files and song data quickly and easily. Need to add some drum loops or vocal samples to your song? Simply drag and drop vour favorite WAV files from USB-equipped computer directly into the BR-900CD. Conversely, you can export audio that you've created internally on the BR-900CD to



@ LINE IN Jacks (RCA pin type) 

® MIC 1 Jack (TRS 1/4" phone type) @ DIGITAL OUT (optical type)

(9) MIC 2 Jack (XIR halanced)



# **The Versatile. Power-Packed 12-Track**

Complete Recording, from Guitar Pick to Compact Disc

# **■** Digital Recording, Non-Destructive **Editing**

For recording flexibility, the BR provides 192 V-Tracks (16 V-Tracks per primary track), allowing you to lay down as many guitar solos or vocal takes as needed. Once finished, you can select any 12 tracks for playback — plenty of room for all your instruments and overdubs. You can also get pristine sound quality and the benefit of non-destructive

### ■ Hassle-Free Recording & **CD Burning**

Fly from point A to B in record time, thanks to the BR-1200CD's logical arrangement of buttons, knobs, and faders, and its inviting icon-based user interface. Recording, mixing, and CD burning is simple. To record, simply connect an instrument or microphone (XLR inputs with phantom power are provided), and follow the logical flow of controls on the left side of the panel. Use the fader pack in the middle to mix, and press the "Audio CD Write/Play" button to jump to the CD Burning menu.

# ■ Multi-Effects & COSM Models

From full dunk to subtle sweetening, the BR-1200CD is equipped with a powerful multi-effects processor. A variety of COSM amp models are in the lineup, including Roland's JC-120, R-Fier, Metal Stack, BOSS Compact Pedal models such as OD-1 and MT-2, and more. Also onboard: a dedicated compressor and a 3-band equalizer for each of the 12 channels, plus an independent reverb and chorus/delay.

### COSM MODELING LIST

COSM OVERI	DRIVE/DISTOR	TION						
BLUES OD	BOOSTER	AMERCAN DS	00-1	DST+	OCT FUZZ	MT-2	HEAVY METAL	
TURBO OD	DISTORTION	GUV DS	T-SCREAM	60S FUZZ	MUF FUZZ	R-MAN	BASS OD	
COSM GUITAR AMP MODELING								
JC-120	PRO CRUNCH	SATCK CRUNCH	MATCH DRIVE	BG DRIVE	MS HI GAIN	SLDN	METAL STACK	
JAZZ COMBO	TWEED	VO DRIVE	MATCH LEAD	BG RHYTHM	R-FIRE RED	DRIVE STACK	METAL LEAD	
FULL RANGE	CRUNCH	VO LEAD	FAT MATCH	MS(1)	R-FIRE ORANGE	LEAD STACK		
CLEAN TWIN	BLUES	VO CLEAN	BG LEAD	MS(1+2)	R-FIRE VINTAGE	5150 DRIVE		
COSM BASS AMP MODELING								
LD.	AMC	ri lo rop	DACCMIN	D100 200	T.C	ercelou	CONCERT 010	

# **■ Vocal Magic**

Your vocal track(s) can be perfected with the BR-1200CD's Vocal Tool Box. This powerful set of editing tools can be used to fix incorrect nitch, and ensure that your vocal tracks always sound great. And if you're having trouble singing harmonies, the Vocal Tool Box can be used create realistic harmony parts

# BR-1200CD

EUSIN USE BOGB Hard Drive

# ■Backing Band Built In

Another distinguishing feature of the BR-1200CD is its world-class bass and drum programmer, packed with instruments and patterns to suit a variety of styles. Jam along with the supplied patterns or create your own from scratch. The FZ Compose feature makes ultra-realistic custom programming a snap. There's also a selection of great loop phrases pre-installed on the internal hard drive.

# **■** Computer Connectivity

The BR-1200CD has a USB port for simple, one-cable data exchange with your computer. You can export audio tracks to your computer in WAV format, and safely save backups of your song data. If you have WAV files you would like to use, you can import them to the BR-1200CD's tracks via USB as well. The BR-1200CD is compatible to both PC and Mac, including Mac OS X.

The same of the sa

TINE OUT Jacks (BCA nin type 9 MIC 2 Jack (TRS 1/4" phone typ MIC 2 Jack (XI R halanced) 12 MIC 1 Jack (XLR balanced

# **Head of The Family**

**Pro Features Meet Ease of Use** 

# BR-1600 Version 2 COSMI V-LINK USB 80GB Hard Drive

# ■Multi-Mic Recording

The BR-1600CD includes eight sweet-sounding XLR microphone inputs with phantom power. The BR-1600CD's Multi-Track recording mode

eliminates confusing routing concents, and includes essential channel effects such as a compressor, 3-band EQ, and low-cut filter.

# **■**Hassle-Free Recording

When recording, you can choose from 256 V-Tracks, allowing you to lay down as many guitar solos or vocal takes as needed. Once finished, you can select any 16 tracks for playback; there's 80 GB of room for all your tracks and overdubs. And since it's digital, you get pristine sound quality and the benefit of non-destructive editing.

■ RECORD UP TO FIGHT MICROPHONES IN FOUR FASY STEPS!



■Mind-Blowing Modeling Plug into the BR-1600CD and you have an arsenal of

world-class BOSS effects at your disposal: compression on eight channels, 3-band EQ on all 16 channels, separate insert processing with powerful COSM® overdrive/ distortion, amp, and microphone modeling, plus modeling effects optimized for bass and acoustic guitar, and a separate reverb and chorus/delay processor. Forget about external effects — it's all here!

_ 000111	MODELL	10 1101					
COSM OVER	DRIVE/DISTOR	TION					
BLUES 00	BOOSTER	AMERCAN DS	00-1	DST+	OCT FUZZ	MT-2	HEAVY METAL
TURBO 00	DISTORTION	GUV DS	T-SCREAM	160S FUZZ	MUF FUZZ	R-MAN	BASS 00
COSM GUITA	AR AMP MODEL	ING	•	•		•	
JC-120	PRO CRUNCH	SATCK CRUNCH	MATCH DRIVE	BG DRIVE	MS HI GAIN	SLDN	METAL STACK
JAZZ COMBO	TWEED	VO DRIVE	MATCH LEAD	BG RHYTHM	R-FIRE RED	DRIVE STACK	METAL LEAD
FULL RANGE	CRUNCH	VO LEAD	FAT MATCH	MS(1)	R-FIRE ORANGE	LEAD STACK	
CLEAN TWIN	BLUES	VO CLEAN	BG LEAD	MS(1+2)	R-FIRE VINTAGE	5150 DRIVE	
COSM BASS	AMP MODELIN	IG					
AC.	AMG	FLIPTOP	BASSMAN	BASS 380	T.E.	SESSION	CONCERT 810

### ■Vocal Tool Box

Vocals tracks will never be out of tune again, thanks to the BR-1600CD's powerful Vocal Tool Box features. You can also add a variety of realistic harmony parts with the easy-to-use note/chord sequencer feature, which creates harmonies via chord input!

# **■**Powerful Backing Tracks

A SOUND INNOVATOR

BOSS's Rhythm Track goes to the extreme. Now you get a separate Drum, Bass, and Loop Phrase track for creating complete backing arrangements. High-quality sounds and phrases are included, and you can even load in your own loops.

# ■Audio/Video V-LINK

With V-LINK and an optional Edirol video editor, it's easy to control and manipulate video using the BR-1600CD's buttons and

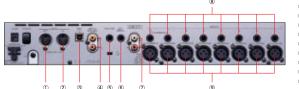
# Version 2 software includes the following updated features

COSM Models added (derived from BOSS's GT-6B)

 Enhanced Vocal Tool Box for better vocals and backings •MIDI Slave capable for control from external MIDI devices

•BR-1180CD/1200CD data compatible

Version 1 BR-1600CD can be upgraded to Version 2 via download



① MIDI OUT

@ DIGITAL IN/OUT (co

@ EXP PEDAL lack

D LINE OUT Jacks

8 INPUT 1-8 Jacks (unbalanced 1/4" phone type 9 MIC 1-8 Jacks (XLR balanced)

# **Essential Session & Practice Partners**

BOSS's famous Dr. Beat and Dr. Rhythm series live on with a new line that's more compact and powerful than ever before. Whether your needs are for simple, play-along timekeeping or full-blown rhythm programming, the world's best tools are right here.



# **DB-90** Dr. Beat

# The Do-Everything Dr. Beat

Practice in style with the flagship of the Dr. Beat Metronome line. The DB-90 is loaded with quality sounds and drum patterns, a Rhythm Coach function with onboard microphone, a reference-tone for tuning, an Instrument input, MIDI input, and a Note Mixing function for customizing the play-along rhythms.



# DB-60 Dr. Bea

# **More Than a Metronome**

The DB-60 is a deluxe metronome that can lay down the click in style. Program your own beats or choose from a variety of patterns. Tap in your tempo, and clock your practice with the Stop Watch and Timer features.



# DB-30 Dr. Real

# The Take-Along Timekeeper

More than just a simple timekeeper, this pocket-sized metronome can lay down a variety of rhythm patterns and time feels. It offers tap tempo, internal reference tones (12 semitones), and other timekeeping features to make practicing fun.



The DR-880 is a rhythm-programming powerhouse that's loaded with world-class drum, percussion, and bass sounds. You can get microscopic with the DR-880 or use the EZ Compose and Groove Modify features, which allow complex patterns to be constructed without note-by-note programming hassles. Guitar and bass players can join the action by plugging directly to the DR-880's Guitar/Bass Input jack, and playing through the built-in COSM® Drive/Amp models and multi-effects.

Various types of quitar effects are



# DR-670 Dr. Rhythm

# Killer Drums at an Amazing Price

A compact rhythm programmer with the acclaimed sounds from BOSS's higher-end models, the DR-670 raises the bar in its price class with a host of powerful features, including velocitysensitive pads, 255 top-quality drum and percussion sounds, a bass part for programming bass lines, and more. A foot-control jack allows the DR-670 to be controlled by optional footswitch for hands-free operation.



# DR-3 Dr. Rhythm

# **Your Own Personal Drummer**

BOSS's most affordable drum machine for jamming or practice offers realistic drum, percussion, and bass sounds.
Rhythm Progressions with variations also provide intuitive track arranging. There are 100 preset styles and 100 user styles onboard; user patterns can be programmed via realtime record or step entry. A footswitch input provides easy live control. The DR-3 runs on AC or battery power.





\*Compact nedals and tuner not included and shown only for photography purposes.

# **Essential Tools** for The Working Musician

# BCB-60 Pedal Board

# Works with All BOSS

The BOSS BCB-60 Pedal Board is a convenient way to set up and transport all your compact effects. The unique padded interior can be customized to fit a range of gear, while a built-in AC adaptor cranks out 1,000 mA of power — enough to run up to seven devices!



# BA-CB3 Carrying Bag

# Padded Gig Bag for BOSS Gear

The BA-CB3 cushioned carrying bag is ideal for transporting BOSS products such as the GT-10, GT-10B, RC-50 and BR-1200CD. It features a rubber silicon base. internal compartments for power adapters and cables, a shoulder strap and hand-carry handles. A mesh pocket is also provided to accommodate a drink container.



# **BA-CB1** Gig Bag

# Gig Bag for BOSS ME Series

For guitarists and bass players on the go, BOSS offers the BA-CB1 gig bag. Perfectly sized for BOSS gear such as the ME-20, ME-20B, ME-50, ME-50B and anything else, the attractive bag features handles, side compartments, a shoulder strap, and internal cushioning.



# BA-M-BR MICRO BR Play Case

# **Stylish Protective Case with Access to Controls**

The BA-M-BR is the leather-like protective case for the BOSS MICRO BR. It's designed to allow access to the controls and connectors, so you can operate the MICRO BR even while it's in the case. The case can be hand-carried or attached to a belt with its included clip and Velcro hoop.



\* MICRO BR is not included.

# BA-MBR-S Silicone Bubber Case

# Silicone Rubber Case for **MICRO BR**

Made of a soft silicone rubber material, this specially designed case allows the BOSS MICRO BR to be used while inside the protective covering. The case guards against dirt, scratches, and minor impacts, and keeps the recorder from slipping on smooth surfaces.



\*Compact pedals not included and shown only for photography purposes.

# BCB-30 Padal Roard

# Convenient Small-**Format Pedalboard**

The BCB-30 is a convenient way for guitarists and bass players to transport and use their BOSS compact effects pedals. Made of high-quality molded resin, this case is perfect for small pedalboard setups.



F5-6 DUAL FOOTSWITCH

### **Two For One**

Two switches in one, BOSS's FS-6 combines latch- and momentary-type switching into one unit. With two switches conveniently housed side-by-side, the FS-6 allows each switch to be set for latch or momentary operation. Pick the configuration that best suits your playing style and setup.



AB-2 2-WAY SELECTOR

# **Switch Guitars or Amps** with a Stomp!

The AB-2 2-Way Selector can be configured as a two inputs/one output selector or a two outputs/one input selector — letting you freely switch between two instruments or two amplifiers, for example.



F5-5U Footswitch (Unlatch)

### Unlatched

The FS-5U is a metal-cased momentary "unlatch"-type footswitch that can be connected using an ordinary guitar cable.



F5-5L Footswitch (Latch)

# Latched

The FS-5L is a metal-cased latch-type footswitch with a LED to indicate status. It can be connected with a standard guitar cable.



# **Express Yourself**

The EV-5 Expression Pedal can be used to control a range of functions and effects parameters in real time. It's ultra compact travel-friendly, and can fit perfectly onto guitar pedalboards or under synthesizer setups.



# DI-1 Direct Box **High-Quality DI**

The DI-1 is a high-quality direct box with crystalclear sound for transforming high-impedance, unbalanced instrument outputs to the low-

impedance, balanced inputs of a mixing console.



# **MOBILE CUBE**

# The All-Purpose **Portable Amp**

Plug into instant audio entertainment with the new MOBILE CUBE amplifier. Small and mighty, this little stereo amp can handle all types of electronic instruments and audio devices, and can be used anywhere, anytime,



CM-30 CUBE MONITOR

# The Multi-Purpose CUBE

Versatile and portable, the CM-30 CUBE Monitor delivers 30 watts of audio punch through a high-quality 6.5" coaxial 2-way speaker with stereo preamp. The CM-30 is ideal for home-studio and wide-ranging monitoring ]applications thanks to its compact and rugged design.



# RH-300 Headphone

**High-quality Headphones** 

Roland's top-of-the-line headphones for the ultimate in sound quality, appearance, and performance. The 45mm (1-13/16") drivers and neodymium magnets deliver dynamic, full-range performance. The snug fit shuts out external sound.



# BA-PC15 Farnhones/Guitar Cable Set

The second second

# **Earphones & Guitar Cable for** MICRO BR

Perfect for MICRO BR owners, the BA-PC15 Accessory Pack comprises two essential items for recording on the go: high-quality in-ear stereo headphones and a 5" guitar cable with gold-plated connectors.



PSA-120S AC Adaptor



PCS-20A 8PIN Parallel DC Cable

PCS-31 Audio Cable

MSC-50/25/15 MIDI Cables

(5.0/2.5/1.5 m)



# **COMPACT SERIES**

[Compact Pedal Effects Specifications]

**Dimensions 73 (W)** x 129 (D) x 59 (H) mm (2-7/8" x 5-1/8" x 2-3/8") • Weight (depending on the model) 400 to 450 g/15 oz. to 1 lb. ■ Accessory Dry Battery ■ Option AC Adaptor

SD-1

● Controls LEVEL, TONE, DRIVE ● Current Draw 6 mA (DC 9 V)

OD-3

Controls | EVEL\_TONE\_DRIVE Current Draw 9 mA (DC 9 V)

BD-2

● Controls LEVEL, TONE, GAIN ● Current Draw 13 mA (DC 9 V)

OS-2

 Controls LEVEL, TONE, DRIVE, COLOR Knob (OD, DS) Current Draw 12 mA (DC 9 V)

DN-2

DS-1

Controls TONE LEVEL DIST Current Draw 4 mA (DC 9 V)

DS-2

• Controls LEVEL, TONE, DIST, TURBO [1, 2 (REMOTE)] Current Draw 12 mA (DC 9 V)

MD-2

Ocontrols LEVEL, TONE, BOTTOM, DIST, GAIN BOOST Current Draw 18 mA (DC 9 V)

MT-2

● Controls LEVEL, EQ (HIGH, LOW, MIDDLE, MID FREQ), DIST Current Draw 20 mA (DC 9 V)

ML-2

● Controls LEVEL, LOW, HIGH, DIST ● Current Draw 36 mA (DC 9 V)

FZ-5

● Controls LEVEL, FUZZ, MODE ● Current Draw 36 mA (DC 9 V)

ODB-3

Ontrols LEVEL, HIGH EQ. LOW EQ. BALANCE, GAIN Current Draw 15 mA (DC 9 V)

CS-3

Ocontrols LEVEL, TONE, ATTACK, SUSTAIN Current Draw 11 mA (DC 9 V)

 Controls Equalizer Control Sliders (100 Hz, 200 Hz, 400 Hz, 800 Hz. 

• Controls Equalizer Control Sliders (50 Hz, 120 Hz, 400 Hz, 500 Hz, 800 Hz, 4.5 kHz, 10 kHz), LEVEL • Current Draw 16 mA (DC 9 V)

AC-3

Ocontrols LEVEL, REVERB, BODY, TOP, MODE (PIEZO/ENHANCE/ JUMBO/STANDARD) • Current Draw 39 mA (DC 9 V)

CE-5

Controls E.LEVEL, RATE, DEPTH, FILTER Knobs (HIGH, LOW) Current Draw 22 mA (DC 9 V)

CH-1

Controls E J EVEL FO RATE DEPTH Current Draw 22 mA (DC 9 V)

CEB-3

Ocontrols E.LEVEL, LOW FILTER, RATE, DEPTH Current Draw 22 mA (DC 9 V)

AW-3

Controls DECAY, MANUAL/VOWEL 2, SENS/VOWEL 1, MODE Current Draw 50 mA (DC 9 V)

Controls DIRECT LEVEL, OCT 1 LEVEL, CONTROL, MODE (POLY/RANGE/OCT 2/DRIVE) Current Draw 50 mA (DC 9 V)

TR-2

● Controls RATE, WAVE, DEPTH ● Current Draw 20 mA (DC 9 V)

Controls RES. MANUAL, DEPTH, RATE, MODE (ULTRA, STANDARD, GATE/PAN MOMENTARY) Current Draw 40 mA (DC 9 V)

 Controls RATE, DEPTH, RES (resonance), STAGE (STEP/RISE/FALL/ 12/10/8/4) • Current Draw 50 mA (DC 9 V)

DD-3

Controls E.LEVEL, E.BACK, D.TIME, MODE (HOLD/L.800ms/ M 200ms/S 50ms) Current Draw 45 to 65 mA (DC 9 V)

DD-7

Ocontrols E.LEVEL, F.BACK, D.TIME, MODE Current Draw 55 mA (DC 9 V)

PS-5

Controls RAI ANCE D. TIME/SPEED H.R. KEY PITCH MODE (PITCH SHIFTER/ HARMONIST/DETLINE/T ARM/FI LITTER) Current Draw 50 mA (max ) (DC 9 V)

Ocontrols E. LEVEL, TONE, TIME, MODE (SPRING/PLATE/HALL/ ROOM/GATE MODULATE) • Current Draw 50 mA (DC 9 V)

NS-2

 Controls THRESHOLD, DECAY, MODE (MUTE/REDUCTION) Current Draw 20 mA (DC 9 V)

LS-2

Controls MODE, LEVEL (A, B) Current Draw 25 mA (DC 9 V)

LMB-3

● Controls LEVEL, ENHANCE, RATIO, THRESHOLD Current Draw 17 mA (DC 9 V)

SYB-5 Ocontrols EFFECT, DIRECT, FREQ, RES, DECAY/RATE, MODE

Current Draw 50 mA (DC 9 V)

**FOOT PEDAL** 

PW-10

Nominal Input Level −20 dBu ■ Input Impedance 1 MΩ ■ Nominal Output Level -20 dBu ■ Output Impedance 1 kO Recommended Load Impedance 10 kΩ or greater Power Supply DC 9 V: Dry Batteries<AA type> x 6, AC Adaptor • Current Draw 55 mA (Expected battery life under continuous use; [Carbon: 14 hours], [Alkaline: 38 hours]; These figures will vary depending on the actual conditions of use.) Dimensions 100 (W) x 270 (D) x 100 (H; max.) mm (3-15/16" x 10-11/16" x 3-15/16") • Weight 1.3 kg/2 lbs. 14 oz.(incl. batteries) Accessory Dry Battery < LR6 (AA) type> x 6 Option AC Adaptor (PSA series)

■ Control MINIMUM VOLUME knob ■ Connectors INPUT iack. OUTPUT jack, EXP (Expression) jack, TUNER OUT jack Dimensi 110 (W) x 289 (D) x 72 (H) mm (4-3/8" x 11-7/16" x 2-7/8") Weight 1.6 kg/3 lbs. 9 oz.

 Control MINIMUM VOLUME knob
 Connectors INPUT jack 1, 2, OUTPUT jack 1, 2, EXP (Expression) jack, TUNER OUT jack ● Dimension 110 (W) x 289 (D) x 72 (H) mm (4-3/8" x 11-7/16" x 2-7/8") • Weight 1.6 kg/3 lbs. 9 oz.

FV-50H

 Controls Main Volume Pedal, MINIMUM VOLUME Knob Connectors INPUT Jacks (1, 2), OUTPUT Jacks (1, 2), TUNER OUT Jack Dimensions 86 (W) x 200 (D) x 54 (H) mm (3-3/8" x 7-7/8" x 2-1/8") • Weight 400 g/14 oz.

FV-50L

 Controls Main Volume Pedal, MINIMUM VOLUME Knob • Connectors INPUT Jacks (1, 2), OUTPUT Jacks (1, 2), TUNER OUT Jack Dimensions 86 (W) x 200 (D) x 54 (H) mm (3-3/8" x 7-7/8" x 2-1/8") • Weight 400 g/14 oz.

LEGEND SERIES

[Compact Pedal Effects Specifications]

 Nominal Input Level −20 dBu
 Input Impedance 1 MΩ
 Nominal Output Level -20~dBu Output Impedance  $2.2~\text{k}\Omega$  Recommended Load Impedance 10 kO or greater Power Supply DC 9 V Dry hattery 6F22 (9 V) type (carbon), Dry battery 6LR61 (9 V) type (alkaline), AC Adaptor (PSA series: optional)

Ocontrols PRESENCE, MIDDLE, BASS, TREBLE, GAIN, LEVEL • Current Draw 36 mA (DC 9 V) ■ Weight 440 g/1 lb. (incl. battery)

Controls GAIN, LEVEL, TREBLE, BASS, VIBRATO, REVERB Current Draw 40 mA (DC 9 V)Weight 440 g/1 lb. (incl. battery)

TWIN PEDAL SERIES

Twin Pedal Specifications

Power Supply DC 9 V: Dry Battery <AA type> x 6, AC Adaptor Dimensions 173 (W) x 158 (D) x 57 (H) mm (6-13/16" x 6-1/4" x

SL-20

● Nominal Input Level -20 dBu ● Input Impedance 1 MΩ Nominal Output Level −20 dBu ■ Output Impedance 1 kΩ ■ Recommended Load Impedance 10 kΩ or greater ■ Current Draw 110 mA (DC 9 V) (Expected battery life under continuous use: [Carbon: 7 hours]. [Alkaline: 18 hours]: These figures will vary depending on the actual conditions of use Weight 1.1 kg/2 lbs. 7 oz (incl. hatteries) Accessories Dry hattery R6 (AA) tyne (carbon) x 6 • Options AC adaptor (PSA-series), Expression pedal: Roland FV-5 FV-500I

RE-20

● Nominal Input Level -20 dBu (INPUT VOLUME knob: center), max +4 dBu ● Input Impedance 1 MΩ ● Nominal Output Level -20 dBu Output Impedance 1 kΩ
 Recommended Load Impedance 10 kΩ or greater ● Display Virtual Tape Display ● Current Draw 75 mA (9 V max.) (Expected battery life under continuous use; [Carbon: 9 hours], [Alkaline: 32 hours]; These figures will vary depending on the actual conditions of use. Weight 1.2 kg/2 lbs. 11 oz. (incl. batteries) Accessories Dry battery R6 (AA) type (carbon) x 6 Options AC Adaptor (PSA series), Expression pedal (Roland EV-5)

OD-20

• Memories 4 ● Nominal Input Level –20 dBu ● Nominal Output Level -20 dBu • Dynamic Range 102 dB (IHF-A, typ.) • Current Draw 85 mA (9 V max.) (Expected battery life under continuous use; [Carbon: 8 hours], [Alkaline: 20 hours]; These figures will vary depending on the actual conditions of use.) • Weight 1.1 kg/2 lbs. 7 oz. (incl. batteries) Accessory Dry Battery <LR6 (AA) type> x 6 (We recommend that alkaline batteries be used when replacing the batteries.) • Option AC Adaptor (PSA series)

■ Memories 9 ■ Nominal Input Level GUITAR/BASS: -20 dBu GUITAR AMP SEND/RETURN: +4 dBu Nominal Output Level GUITAR/BASS: -20 dBu, GUITAR AMP SEND/RETURN: +4 dBu ● Residual Noise Level -100 dBu or less (IHF-A, typ./All Sliders max.) • Variable Range Equalizer Control: ±15 dB, Level Control: +15 dB 
Display Custom I CD (backlit I CD) Current Draw 120 mA (9 V) (Expected battery life under continuous use; [Carbon: 3.5 hours] [Alkaline: 12 hours]: These figures will vary depending on the actual conditions of use.) • Weight 1.1 kg/2 lbs. 7 oz. (incl. batteries) • Accessory Dry Battery <LR6 (AA) type> x 6 (We recommend that alkaline batteries be used when replacing the batteries.) • Option AC Adaptor (PSA series)

CE-20

■ Memories 4 ■ Nominal Input Level GUITAR/BASS: -20 dBu. GUITAR AMP SEND/RETURN: +4 dBu Nominal Output Level GUITAR/RASS: -20 dRij GUITAR AMP SEND/RETURN: +4 dRij ■ Residual Noise Level -93 dBu or less (IHF-A typ.) ■ Current Draw 160 mA (9 V max.) (Expected battery life under continuous use:

[Carbon: 4 hours], [Alkaline: 10 hours]; These figures will vary depending on the actual conditions of use.) • Weight 1.1 kg/2 lbs. 7 oz. (incl. batteries) Accessory Dry Battery <LR6 (AA) type> x 6 (We recommend that alkaline batteries be used when replacing the batteries.) • Option AC Adaptor (PSA series)

DD-20

Nominal Input Level GUITAR/BASS: -20 dBu. GUITAR AMP SEND/ RETURN: +4 dRu Nominal Output Level GUITAR/RASS: -20 dRu GUITAR AMP SEND/RETURN: +4 dRu Residual Noise Level -93 dBu or less (IHF-A, typ.) ● Display Custom LCD (backlit LCD) Current Draw 200 mA (9 V max.) (Expected battery life under continuous use: [Carbon: 2 hours], [Alkaline: 7 hours]; These figures will vary depending on the actual conditions of use.) • Weight 1.2 kg/2 lbs. 11 oz. (incl. batteries) Accessory Dry Battery <LR6 (AA) type> x 6 (We recommend that alkaline batteries be used when replacing the batteries.) • Option AC Apaptor (PSA series)

 Nominal Input Level −20 dBu Nominal Output Level −20 dBu ■ Display VIRTUAL ROTOR ■ Current Draw 85 mA (9 V may ) (Expected battery life under continuous use: [Carbon: 6 hours] [Alkaline: 10 hours]: These figures will vary depending on the actual conditions of use ) • Weight 1.1 kg/2 lbs. 7 oz. (incl. hatteries) ■ Accessory Dry Battery <LR6 (AA) type> x 6 ■ Option AC Adaptor

TU SERIES

TU-15 • Reference Pitch A4 = 430 to 449 Hz (1 Hz steps) • Tuning Range E0 to C8 • Power Supply Dry Battery <R6/LR6 (AA) type> x 2, AC Adaptor (PSA series: Optional) Dimensions 149 (W) x 58 (D) x 40 (H) mm (5-7/8" x 2-5/16" x 1-5/8") • Weight 0.2 kg/7 oz.

TU-12

• Reference Pitch 440 to 445 Hz (1 Hz steps) • Tuning Range C1 to B5 • Power Supply Dry Battery (9 V type), AC Adaptor (PSA series: Optional) • Dimensions 145 (W) x 53 (D) x 35 (H) mm (5-3/4" x 2-1/8" x 1-7/16") • Weight 0.2 kg/6 oz.

• Reference Pitch 440 to 445 Hz (1 Hz steps) • Tuning Range C1 to B6 • Power Supply Dry Battery (9 V type), AC Adaptor (PSA series: Optional) Dimensions 145 (W) x 53 (D) x 35 (H) mm (5-3/4" x 2-1/8" x 1-7/16") • Weight 0.2 kg/6 oz.

TU-2

■ Reference Pitch A4 = 438 to 445 Hz (1 Hz steps) ■ Tuning Range C0 to C8 Power Supply Dry Battery (9 V type), AC Adaptor (PSA series: Optional) • Dimensions 73 (W) x 129 (D) x 59 (H) mm (2-7/8" x 5-1/8" x 2-3/8") • Weight 0.4 kg/15 oz. (incl. battery)

■ Reference Pitch A4 = 435 to 446 Hz (1 Hz steps) ■ Tuning Range E0 to C8 • Power Supply Dry Battery <R6/LR6 (AA) type> x 2 ■ Dimensions 122 (W) x 68 (D) x 21 (H) mm (4-13/16" x 2-11/16" x 0-7/8") • Weight 0.1 kg/5 oz. (incl. batteies)

**AD SERIES** 

AD-8

Nominal Input Level −20 dBu ■ Input Impedance 20 MΩ ● Nominal Output Level -20 dBu ● Output Impedance Unbalanced Output/Electric Guitar Amp Output: 1 kΩ. Balanced Output: 600 Ω. Phones: 33  $\Omega$  • Recommended Load Impedance 10 k $\Omega$  or greater ■ Reference Pitch A4 = 438 to 445 Hz (1 Hz steps) ■ Tuning Accuracy ±3 cents Display 7 segments LED Connectors INPUT Jack (1/4" phone type), PHONES Jack (Stereo 1/4" phone type), ELECTRIC GUITAR AMP OUTPUT Jack (1/4" phone type), UNBALANCED OUTPUT Jacks A (Mono), B (1/4" phone type), BALANCED OUTPUT Jacks A, B (XLR type), AC Adaptor Jack Power Supply DC 9 V: Dry Battery <R6/LR6 (AA) type> x 6, AC Adaptor (PSA series) • Current Draw 120 mA • Dimensions 250 (W) x 180 (D) x 60 (H) mm (9-7/8" x 7-1/8" x 2-3/8") • Weight 1.9 kg/4 lbs. 4 oz. (excl. AC Adaptor) Accessory Dry Battery <LR6 (AA) type> x 6 • Option AC Adaptor (PSA series)

■ AD Conversion 20 bit ■ DA Conversion 20 bit ■ Sampling Frequency 44.1 kHz • Connectors INPUT Jack (1/4") OUTPUT Jacks (L. R: 1/4" TRS phone type). AC Adaptor Jack Power Supply DC 9 V: Dry Batteries x 6. AC Adaptor (PSA series) Current Draw 90 mA ● **Dimensions** 170 (W) x 156 (D) x 70 (H) mm (6-3/4" x 6-3/16" x 2-13/16") • Weight 1.0 kg/2 lbs. 4 oz. (incl. batteries) • Accessory Dry Battery <LR6 (AA) type> x 6 • Option AC Adaptor (PSA series)

RC SERIES

RC-50

Nominal Input Level INST: -10 dBu, MIC: -50 dBu, AUX IN: -16 dBu Nominal Output Level MAIN OUTPUT: -10 dBu, SUB OUTPUT: -10 dBu Available Recording Time\* STEREO: Approx 24 minutes MONO: Approx. 49 minutes \* The times listed above take into account the amount of memory needed for the actual recording combined with the memory required for the RC-50's operations (e.g., Undo/Redo). Display 16 characters, 2 lines (backlit LCD)/2 characters, 7 segment LED • Connectors INST Jacks R (MONO)/L (1/4" phone type), MIC connector (XLR types; supports use of phantom power), AUX Jack (Stereo miniature phone type), MAIN OUTPUT Jacks R (MONO)/L (1/4" phone type), PHONES Jack (Stereo 1/4" phone type), SUB OUTPUT Jacks R (MONO)/L (1/4" phone type), EXP/CTL 3, 4 PEDAL Jack (TRS 1/4" phone type), CTL 1, 2 PEDAL Jack (TRS 1/4" phone type), USB, MIDI IN/OUT, DC IN (AC Adaptor) Jack Power Supply DC 9 V: Supply AC Adaptor (Roland ACI or ACB series) • Current Draw 450 mA ● Dimensions 472 (W) x 198 (D) x 64 (H) mm (18-5/8" x 7-13/16" x 2-9/16") Weight 2.9 kg/6 lbs. 7 oz. (excl. AC Adaptor) Accessories AC Adaptor (Roland ACI, ACB or PSA-S series), USB cable, Sound Library for RC-50 (Sample Phrase CD) Ontions Footswitch (FS-511) Dual Footswitch (FS-6) Expression Pedal (Roland EV-5), Footswitch cable (Roland PCS-31) (Stereo 1/4" phone plug-1/4" phone plug x 2)

RC-20XL

Nominal Input Level INST: -20 dBu (variable), MIC: -40 dBu (variable), AUX IN: -10 dBu Nominal Output Level OUTPUT: -20 dBu Internal Memory Recording time: 16 min. (max.), Maximum number of saved phrases:11 phrases (max.) Power Supply DC 9 V: Dry Battery <AA type> x 6, AC Adaptor • Current Draw 120 mA (9 V max.) • Dimensions 173 (W) x 158 (D) x 57 (H) mm (6-13/16" x 6-1/4" x 2-1/4") • Weight 1.2 kg/2 lbs. 11 oz. (incl. batteries) Accessories Dry Battery <LR6 (AA) type> x 6, Sound Library for RC-20XL (Sample Phrase CD) • Options AC Adaptor (PSA series), Footswitch (FS-5U, FS-6)

RC-2

8 • 15 - 16 ■ Nominal Input Level -20 dBu ■ Input Impedance 1 MΩ Nominal Output Level −20 dBu Output Impedance 1 kΩ Recommended Load Impedance 10 kΩ or greater Supply DC 9 V: Dry battery, 9 V type 6F22 (carbon), 6LR61 (alkaline), AC Adaptor (PSA series: optional) • Current Draw 50 mA (DC 9 V), Expected battery life under continuous use; [Carbon: 2 hours], [Alkaline: 6 hours]; These figures will vary depending on the actual ditions of use. Dimensions 73 (W) x 129 (D) x 59 (H) mm (2-7/8" x 5-1/8" x 2-3/8") • Weight 420 g/15 oz (incl. battery) • Accessories Dry battery/9 V type (6LR61) • Options AC Adaptor (PSA series), Foot Switch (FS-5U, FS-6)

GT-PRO

GT-PRO

■ AD Conversion 24 bit + AF method\* ■ DA Conversion 24 bit ■ Sampling Frequency 44.1 kHz ■ Program Memories 400: 200 (User) + 200 (Preset) Nominal Input Level INPUT: -10 dBu.PRE LOOP RETURN: -10 dBu, LOOP 1/2 RETURN: -10 dBu/+4 dBu • Input Impedance INPUT: 1 M $\Omega$ , PRE LOOP RETURN: 220 k $\Omega$ , LOOP 1/2 RETURN: 220 kΩ • Nominal Output Level DIRECT OUT/TUNER OUT: -10 dBu, MAIN OUT/SUB OUT: -10 dBu/+4 dBu, SUB OUT XLR: +4 dBu, PRE LOOP SEND: -10 dBu, LOOP 1/2 SEND: -10 dBu/+4 dBu • Output Impedance DIRECT OUT/TUNER OUT:  $2 \text{ k}\Omega$ , MAIN OUT/SUB OUT:  $2 \text{ k}\Omega$ , SUB OUT XLR:  $600 \Omega$ , PRE LOOP SEND: 2 kΩ, LOOP 1/2 SEND: 2 kΩ • Digital Output EIAJ CP1201, S/PDIF • Display 16 characters, 2 lines (backlit LCD)/2 characters, 7 segments LED • Connectors < Front > INPUT Jack, PHONES Jack <Rear> INPUT Jack, DIRECT OUT/TUNER OUT Jack, MAIN OUTPUT Jacks L (MONO)/R, SUB OUTPUT Jacks L (MONO)/R, SUB OUTPUT XI B L/B. PRE LOOP SEND Jack, PRE LOOP RETURN Jack. LOOP 1 SEND Jack LOOP 2 SEND Jack LOOP 1 RETURN Jack LOOP 2 RETURN Jack, AMP CONTROL 1 Jack, AMP CONTROL 2 Jack EXP PEDAL 1 Jack CTL PEDAL 1 2 Jack EXP PEDAL 2/CTL PEDALS 4 Jack DIGITAL OUT (coaxial) USB MIDL IN/OUT/THRU ● Power Supply AC 117, 230V, or 240V ● Power Consumption 16 W Dimensions 482 (W) x 305 (D) x 89 (H) mm (19" x 12-1/16" x 3-9/16") • Weight 4.8 kg/10 lbs. 10 oz. • Accessories USB cable. GT-PRO software CD-ROM

**Editor Software System Requirements** 

[Windows] • Operating System Microsoft® Windows Vista®/ Microsoft® Windows® XP Professional/XP Home Edition/2000 Professional/Me/98SE/98 
Computer A Windows® compatible computer with a LISB connector CPU/Clock Pentium® Celeron® Intel-compatible Processor/600 MHz or higher • Memory 128 MB or more Mard disk 200 MB or more of free space Display resolution 800 x 600 pixels or higher/65,535 colors (High Color 16 bit) or more [Macintosh] • Operating System Mac OS X v10.2.3 or later, Mac OS 9 x Mac OS 8 6: This will not operate in the Classic environment of Mac OS X. When using this, the Classic environment must not be running simultaneously. • Computer Apple Macintosh series

computer with on-board USB port • CPU/Clock PowerPC G3/600 MHz or faster • Memory 256 MB or more • Hard disk 200 MB or more of free space Display resolution 800 x 600 pixels or higher/32,000 colors or more: Requires OMS 2,3,5 or later, Or requires FreeMIDL 1.35 or later on Mac OS 9/8

GT SERIES

GT-10

■ AD Conversion 24 bit + AF method\* ■ DA Conversion 24 bit ● Sampling Frequency 44.1 kHz ● Program Memories 400: 200 (user) + 200 (preset) Nominal Input Level INPUT: -10 dBu, RETURN: -10 dBu • Input Impedance INPUT: 1 MΩ, RETURN: 220 kΩ • Nominal Output Level OUTPUT: -10 dBu / +4 dBu, SEND: -10 dBu • Output Impedance OUTPUT: 2 kΩ, SEND: 3 kΩ • Dynamic Range 100 dB or greater (IHF-A) Digital Output Coaxial type (conforms to IEC60958) 

Display 132 x 64 dots graphic LCD (backlit LCD)/ 7 segments, 3 characters LED • Connectors INPUT jack (1/4" phone type), OUTPUT L/MONO, R jacks (1/4" phone type), PHONES jack (Stereo 1/4" phone type), EXT LOOP jacks SEND, RETURN (1/4" phone type), AMP CONTROL jack (1/4" phone type). EXP PEDAL 2/CTL3.4 jack (1/4" TRS phone type). USB connector. DIGITAL OUT jack MIDI connectors IN OUT DC IN jack Power Supply DC 9 V (AC Adaptor: Roland PSB-1U) Current Draw 800 mA • Dimensions 542 (W) x 272 (D) x 77 (H) mm (21-3/8" x 10-3/4" x 3-1/16") Maximum height: 542 (W) x 272 (D) x 104 (H) mm (21-3/8" x 10-3/4" x 4-1/8") inches • Weight 4.9 kg/10 lbs. 13 oz. (excl. AC Adaptor) Accessory AC Adaptor (Boland PSB-111) Options Footswitch: BOSS FS-5U, Dual Footswitch: BOSS FS-6. Expression Pedal: BOSS EV-5001 /500H, Boland EV-5, Footswitch Cable: Roland PCS-31 (1/4" phone plug (stereo) - 1/4" phone plug (mono) x2)

System Requirements

[Windows] • Operating System Microsoft® Windows Vista®/ Microsoft® Windows® XP 

■ Computer Windows® XP-compatible computer with USB port based on USB Specification Revision 1.0 or higher CPII/Clock Pentium® Celeron®-compatible processor 1 GHz or higher 
Memory 512 MB or more Minimum hard-disk space 190 MB or more

[Macintosh] • Operating System Mac OS X 10.4.3 or later Computer Apple Macintosh-series computer with onboard USB port • CPU/Clock PowerPC G4, G5/1 GHz or higher/Intel-compatible processor • Memory 512 MB or more • Minimum hard-disk space 190 MB or more

GT-10B

19-20

■ AD Conversion 24 bit + AF method\* ■ DA Conversion 24 bit ■ Sampling Frequency 44.1 kHz ■ Program Memories 400: 200 (user) + 200 (preset) Nominal Input Level INPUT: -10 dBu. RETURN: −10 dBu • Input Impedance INPUT: 1 MΩ, RETURN: 220 kΩ ● Nominal Output Level OUTPUT: −10 dBu / +4 dBu, SEND: −10 dBu, SUB OUTPUT: +4 dBu • Output Impedance OUTPUT: 2 kΩ. SEND: 3 kΩ. SUB OUTPUT: 600 Ω • Dynamic Range 100 dB or greater (IHF-A) • Digital Output Coaxial type (conforms to IEC60958) • Display 132 x 64 dots graphic LCD (backlit LCD)/ 7 segments, 3 characters LED • Connectors SUB OUTPUT jacks L. R (XLR type). INPUT jack (1/4" phone type), OUTPUT L/MONO, R jacks (1/4" phone type), PHONES jack (Stereo 1/4" phone type), EXT LOOP jacks SEND. RETURN (1/4" phone type), AMP CONTROL jack (1/4" phone type), EXP PEDAL 2/CTL3,4 jack (1/4" TRS phone type), USB connector, DIGITAL OUT jack, MIDI connectors IN, OUT, DC IN jack Power Supply DC 9 V (AC Adaptor: Roland PSB-1U) Current Draw 800 mA Dimensions 542 (W) x 272 (D) x 77 (H) mm (21-3/8" x 10-3/4" x 3-1/16"), Maximum height: 542 (W) x 272 (D) x 104 (H) mm (21-3/8" x 10-3/4" x 4-1/8") • Weight 4.9 kg/10, lbs 13 oz. (excl. AC Adaptor) Accessory AC Adaptor (Roland PSB-1U)
 Options Footswitch: BOSS FS-5U, Dual Footswitch: BOSS FS-6, Expression Pedal: BOSS FV-500L/500H, Roland EV-5, Footswitch Cable: Roland PCS-31 (1/4" phone plug (stereo) - 1/4" phone plug (mono) x2)

System Requirements

[Windows] • Operating System Microsoft® Windows Vista®/ Microsoft® Windows® XP ● Computer Windows® XP-compatible computer with USB port based on USB Specification Revision 1.0 or higher • CPU/Clock Pentium® Celeron®-compatible processor 1 GHz or higher • Memory 512 MB or more • Minimum hard-disk space

[Macintosh] • Operating System Mac OS X 10.4.3 or later • Computer Apple Macintosh-series computer with onboard USB port • CPU/Clock PowerPC G4, G5/1 GHz or higher/Intel-compatible processor • Memory 512 MB or more • Minimum hard-disk space 190 MB or more

• 0 dBu = 0.775 Vrms

\*AF method (Adaptive Focus method): This is a proprietary method from Roland that vastly improves the signal-to-noise (S/N) ratio of the A/D and D/A converters.

ME-50

■ AD Conversion 24 bit + AF method\* ■ DA Conversion 24 bit ■ Sampling Frequency 44.1 kHz ■ Patches 30 (User) ■ Nominal Input Level INPUT: -10 dBu, AUX IN: -10 dBu Input Impedance INPUT: 1 MΩ. AUX IN: 100 kΩ Nominal Output Level -10 dBu Output Impedance 2 kΩ Display 1 character, 7 segments LED Connectors INPLIT Jack GUITAR AMP Jacks L (MONO)/R AUX IN Jack (Stereo Mini tyne) PHONES/LINE OUT Jack AC Adaptor Jack ■ Power Sunnly DC 9 V: Dry Batteries < R6/LR6 (AA) type> x 6 AC Adaptor (PSA series: Optional) Current Draw 120 mA: Expected battery life under continuous use: [Carbon: 3.5 hours], [Alkaline: 12 hours]: These figures will vary depending on the actual conditions of use. • Dimensions 384 (W) x 225 (D) x 78(H) mm (15-1/8" x 8-7/8" x 3-1/8") • Weight 3.15 kg/7 lbs. (incl. batteries) • Accessory Dry Battery < Alkaline: LR6 (AA) type> x 6 Options AC Adaptor (PSA series), Footswitch(FS-5U)

### ME-50B

■ AD Conversion 24 bit + AF method\* ■ DA Conversion 24 bit Sampling Frequency 44.1 kHz ■ Patches 24 (User) ■ Nominal Input Level INPUT: -10 dBu AUX IN: -10 dBu Input Impedance INPLIT: 1 MΩ. ALIX IN: 100 kΩ • Nominal Output Level -10 dBu Output Impedance 2 kO Display 1 character 7 segments LED Connectors INPUT Jack, OUTPUT Jacks L (MONO)/ R. AUX IN Jack (Stereo Mini type), PHONES Jack, FOOT SW Jacks (COMP ON/OFF, TEMPO). AC Adaptor Jack Power Supply DC 9 V: Dry Batteries <R6/LR6 (AA) type> x 6, AC Adaptor (PSA series: Optional) ● Current Draw 140 mA ● Dimensions 384 (W) x 225 (D) x 78 (H) mm (15-1/8" x 8-7/8" x 3-1/8") ● Weight 3.15 kg/7 lbs. (incl. batteries) • Accessory Dry Battery < Alkaline: LR6 (AA) type> x 6 • Options AC Adaptor (PSA series), Footswitch (FS-5U)

■ AD Conversion 24 hit + AF method\* ■ DA Conversion 24 hit Sampling Frequency 44.1 kHz ● Patches 30 (user) ● Nominal Input Level INPUT: -10 dRu AUX IN: -18 dRu Input Impedance INPUT: 1 MΩ. AUX IN: 22 kΩ Nominal Output Level -10 dBu Output Impedance 2 kΩ Display 7 segments, 2 characters LED Connectors INPLIT jack (1/4" phone type) ALIX IN jack (Stereo miniature phone type), OUTPUT jacks L/MONO, R (1/4" phone type), PHONES jack (Stereo 1/4" phone type), FOOT SW jack (1/4" TRS phone type). AC Adaptor jack Power Supply DC 9 V. Dry battery LR6/R6 (AA) type x 6, AC Adaptor (PSA series: Optional) • Current Draw 90 mA, \*Expected battery life under continuous use: Alkaline: 13 hours/ Carbon: 3.5 hours, These figures will vary depending on the actual conditions of use. Dimensions 294 (W) x 179 (D) x 54 (H) mm (11-5/8"x 7-1/16" x 2-1/8"), Maximum height: 294 (W) x 179 (D) x 74 (H) mm (11-5/8" x 7-1/16" x 2-15/16") • Weight 1.6 kg / 3 lbs 9 oz (incl. batteries) • Accessory Dry battery < Alkaline: LR6 (AA) type> x 6 • Options AC Adaptor: PSA series, Footswitch: FS-6, FS-5U, Connection Cable: Roland PCS-31 (Stereo 1/4" phone plug - 1/4" phone plug x 2)

# ME-20B

■ AD Conversion 24 bit + AF method\* ■ DA Conversion 24 bit ■ Sampling Frequency 44.1 kHz ■ Patches 30 (user) ■ Nominal Input Level INPUT: -10 dBu, AUX IN: -18 dBu Input Impedance INPUT: 1 MΩ, AUX IN: 22 kΩ 

Nominal Output Level –10 dBu • Output Impedance 2 kΩ ● Display 7 segments, 2 characters LED Connectors INPUT jack (1/4" phone type), AUX IN jack (Stereo miniature phone type), OUTPUT jacks L/MONO, R (1/4" phone type) PHONES jack (Stereo 1/4" phone type), FOOT SW jack (1/4" TRS phone type), AC Adaptor jack Power Supply DC 9 V, Dry battery LR6/R6 (AA) type x 6, AC Adaptor (PSA series: Optional) . Current Draw 90 mA, \*Expected battery life under continuous use: Alkaline: 13 hours/ Carbon: 3.5 hours, These figures will vary depending on the actual conditions of use. Dimensions 294 (W) x 179 (D) x 54 (H) mm (11-5/8" x 7-1/16" x 2-1/8"), Maximum height: 294 (W) x 179 (D) x 74 (H) mm (11-5/8" x 7-1/16" x 2-15/16") • Weight 1.6 kg / 3 Ibs 9 oz (incl. batteries) Accessory Dry battery < Alkaline: LR6 (AA) type> x 6 • Options AC Adaptor: PSA series, Footswitch: FS-6, FS-5U. Connection Cable: Roland PCS-31 (Stereo 1/4" phone plug - 1/4" phone plug x 2)

### **BR SERIES**

MICRO BR

Tracks Track: 4 V-Track: 32 (8 V-Tracks per each Track) | In to 2 tracks can be recorded simultaneously, and up to 4 tracks can be played back simultaneously Useful Canacity SD memory card: 32 MB to 1 GB • Data Type HiFi (MT2), STANDARD (LV1), LONG (LV2) Audio Data Type (MP3 Mode) MP3 (192 kbps, 44.1 kHz), MP3 (128 kbps, 44.1 kHz), MP3 (64 kbps, 44.1 kHz), WAV (44.1 kHz, 16 bits) \*The MICRO BR can play the MP3 in bit rate range of 64 to 320 kbps. Signal Processing AD Conversion: 24 bits + AF method (GUITAR IN, onboard mic), 24 bits (LINE IN/MIC), DA Conversion: 24 bits, AF method (Adaptive Focus method) \*Adaptive Focus is a unique Roland/BOSS technology that allows the signal noise (S/N) ratios of AD and DA converters to be vastly improved. Sample Rate 44.1 kHz • Frequency Response 20 Hz to 20 kHz • Nominal Input Level GUITAR IN jack: -20 dBu, LINE IN/MIC jack: -10 dBu (LINE), LINE IN/MIC jack: -40 dBu (EXT MIC) ● Input Impedance GUITAR IN jack: 1 MΩ. LINE IN/MIC jack; LINE: 16 kΩ. EXT MIC. Plug-in Power = OFF: 18 kΩ, EXT MIC, Plug-in Power = ON: 2.2 kΩ Nominal Output Level PHONES/LINE OUT jack: -10 dBu Nominal Output Impedance PHONES/LINE OUT jack: 33 \( \Omega \) Recommended Load Impedance PHONES/LINE OLIT jack: 16 to 100 O (PHONES), 1 kO or greater (LINE OLIT) Interface LISB Connector (mini B type) Display 16 Characters, 2 Lines, 22 icons (White Backlit LCD) Connectors GUITAR IN jack (1/4 inch phone type) LINE IN/MIC jack (Stereo miniature phone type, supports Plug-in Power). PHONES/LINE OUT jack (Stereo miniature phone type) LISB connector (mini B type) Power Supply DC 3 V: Dry battery LR6 (AA) type (alkaline) x 2, DC 9 V: Supply AC Adaptor (PSA series: sold separately) • Current Draw 140 mA (when you use the PSA series). 320 mA (when you use the dry batteries), Expected battery life under continuous use: Alkaline dry cell batteries Approximately 6 hours (with power save function), \*The time may vary according to usage conditions, batteries used, and type of SD memory card used. Dimensions 136.0 (W) x 81.5 (D) x 21.5 (H) mm (5-3/8" x 3-1/4" x 7/8") Weight (excl. SD memory card and batteries) 130 g/5 oz. Accessories Soft Case, Size AA alkaline dry cell batteries (2), Demo card (128 MB SD Memory Card: Already inserted when the MICRO BR is shipped) • Options Play Cover (BA-M-BR), Earphones/ Guitar Cable Set (BA-PC15), AC Adaptor (PSA series)

### System Requirements (USB Connection)

■ Compatible OS Windows: Windows® Me/2000 or later, Macintosh: Mac OS 9.1 or later • Computer Windows: Windows®-compatible personal computer equipped with a USB port, Macintosh: Apple Macintosh computer equipped with a USB port • Driver The MICRO BR uses a standard DRIVER that is found on the OS. The DRIVER will be installed automatically once connected with Computer via USB.

# BR-600

Tracks Track: 8 V-Track: 64 (8 V-Tracks per each Track) IIn to 2 tracks can be recorded simultaneously, and up to 8 tracks can be played back simultaneously. Maximum Useful Canacity CompactFlash: 32 MB to 1 GB • Data Type HiFi (MT2), STANDARD (LV1), LONG (LV2) • Signal Processing <AD Conversion>: [24 bit, ΔΣ. Modulation + AF-AD (Guitar/Bass)1, [24 bit, ΔΣ Modulation + AF-AD (Mic1, 2)], [24 bit,  $\Delta\Sigma$  Modulation (LINE)], [24 bit,  $\Delta\Sigma$  Modulation (SIMUL)], <DA Conversion>: 24 bit,  $\Delta\Sigma$  Modulation, <Internal Processing>: 24 bit (digital mixer section) Sample Rate 44.1kHz ● Frequency Response 20 Hz-20 kHz (+1/-3 dBu) ● Nominal Input Level (Variable) GUITAR/BASS Jack: -20 dBu, MIC (TRS balanced/XLR) Jack: -40 dBu, LINE IN Jack: -10 dBu ● Input Impedance [GUITAR/BASS Jack: 1 M $\Omega$ ], [MIC 1/2 Jack: 2 k $\Omega$  (HOT-COLD), (TRS balanced/XLR), 1.0 kΩ (HOT-GND, COLD-GND)], [LINE IN Jack: 30 kΩ] Nominal Output Level LINE OUT Jack: −10 dBu • Output Impedance LINE OUT Jack: 2 kΩ, PHONES Jack: 140 Ω • Recommended Load Impedance LINE OUT Jack: 20 k $\Omega$  or greater, PHONES Jack: 32-100  $\Omega$  Residual Noise Level LINE OUT Jack: -85 dBu or less (INPUT SELECT: GUITAR/MIC input terminated with 1 kO INPUT SENS: CENTER IHE-A typ., EFFECT: Off) Interface USB Display 16 Characters x 2 Lines (Backlit LCD) Connectors GUITAR/BASS Jack (1/4" phone type). MIC 1 Jack (TRS balanced 1/4" phone type), MIC 2 Jack (TRS balanced 1/4" phone type). LINE IN Jack (Stereo miniature phone tyne) LINE OUT Jack (BCA nin tyne) FOOT SW/EXP PEDAL Jack (1/4" phone type). PHONES Jack (Stereo 1/4" phone type). USB Power Supply DC 9 V: Supply AC Adaptor (PSA series), Size (AA) Dry Battery x 6 Current Draw 200 mA: Alkaline dry cell batteries. Approximately 5 hours (with continuous playback of 8 tracks), May vary according to usage conditions, batteries used, and type of CompactFlash used ● Dimensions 257 (W) x 183 (D) x 27.1 (H) mm (10-1/8" x 7-1/4" x 1-1/8") • Weight 700 g/1 lbs. 9 oz. (excl. batteries) • Accessories Soft Case, Size (AA) alkaline dry cell batteries (6), TRS-XLR converter cable, Demo Card • Option AC Adaptor (PSC series or PSB-1U)

### System Requirements (USB Connection)

Compatible OS Windows: Windows® Me/2000 or later. Macintosh: Mac OS 9.1 or later • Computer Windows: Windows®-compatible personal computer equipped with a USB port. Macintosh: Apple Macintosh computer equipped with a USB port • Driver The BR-600 uses a standard DRIVER that is found on the OS. The DRIVER will be installed automatically once connected with Computer via USB.

BR-900CD Version 2

Tracks Track: 8, V-Track: 64 (8 V-Tracks per each Track); Up to 2 tracks can be recorded simultaneously, and up to 8 tracks can be played back simultaneously. Maximum Useful Capacity CompactFlash card: 32 MB to 1 GB 

Data Type HiFi (MT2), STANDARD (LV1), LONG (LV2) Signal Processing <AD Conversion>: [24 bit, ΔΣ Modulation + AF-AD (Guitar/Bass)], [24 bit, ΔΣ Modulation + AF-AD (Mic)], [24 bit,  $\Delta\Sigma$  Modulation (LINE)], [24 bit,  $\Delta\Sigma$  Modulation (SIMUL)], <DA Conversion>: 24 bit, ΔΣ Modulation, <Internal Processings: 24 hit (digital mixer section) Sample Rate 44 1 kHz ● Frequency Response 20 Hz-20 kHz (+1/-3 dB) ● Nominal Input Level (Variable) GUITAR/BASS Jack: -20 dBu, MIC 1/2 Jacks (TRS Balanced/XLR): -40 dBu LINE IN Jacks: -10 dBu ● Input Impedance IGUITAR/BASS Jack: 1 MΩ1. [MIC 1/2 Jacks (TRS Balanced/XLR) 1.5 k $\Omega$  (HOT-COLD), 1.0 k $\Omega$  (HOT-GND, COLD-GND)], [LINE IN Jacks: 10 kΩ] • Nominal Output Level LINE OUT Jack: -10 dBu Output Impedance LINE OUT Jack: 2 kΩ, PHONES Jack: 140 Ω Recommended Load Impedance LINE OUT Jack: 20 kΩ or greater, PHONES Jack: 32-100 Ω • Residual Noise Level LINE OUT Jack: -85 dBu or less (INPUT SELECT: GUITAR/BASS, input terminated with 1 kΩ, INPUT SENS: CENTER, IHF-A, typ., Effect: Off) Interface DIGITAL OUT (optical type), USB • Display 16 characters x 2 lines + approx. 100 icons (backlit LCD) Connectors GUITAR/BASS Jack (1/4" phone type), MIC 1 Jack (XLR balanced, TRS balanced), MIC 2 Jack (XLR balanced), LINE IN Jack (RCA pin type), LINE OUT Jack (RCA pin type), DIGITAL OUT connector (optical type), FOOT SW/EXP PEDAL Jack (1/4" phone type), PHONES Jack (Stereo 1/4" phone tyne) MIDLOUT connector LISB connector Power Sunnly DC 9 V: Supplied AC Adaptor, Dry Battery x 6 
Current Draw 300 to 900 mA: Expected hattery life under continuous use: [Alkaline: 4 hours]: These figures will vary depending on the actual conditions of use. Dimensions 351 (W) x 225 (D) x 69 (H) mm (13-7/8" x 8-7/8" x 2-3/4") • Weight 2.2 kg/4 lbs. 14 oz. (excl. AC Adaptor) Accessories AC Adaptor (PSC series or PSB-1U), Demo Card

### System Requirements (USB Connection)

 Compatible OS Windows: Windows® Me/2000 or later. Macintosh: Mac OS 9.1 or later ● Computer Windows: Windows®-compatible personal computer equipped with a USB port. Macintosh: Apple Macintosh computer equipped with a USB port 

Driver The BR-900CD uses a standard DRIVER that is found on the OS. The DRIVER will be installed automatically once connected with Computer via LISB.

## BR-1200CD

Tracks Track: 12, V-Track: 192 (16 V-Tracks per each Track): Up to 2 tracks can be recorded simultaneously, and up to 12 tracks can be played back simultaneously. 

Maximum Useful Capacity/ Recording Time Internal Hard Disk: 80 GB \*The maximum recording time of the original units (80 GB) is about 240 hours. The listed recording time is approximate. Time may be slightly shorter depending on the number of songs and size of imported loop phrase that were created.; The listed recording time is the total for all the tracks that are used. If each of the twelve tracks contain an equal amount of data, the length of the resulting song will be approximately 1/12 of the above. Signal Processing <AD Conversion>: [24 bit, AF method\* (Guitar/Bass)], [24 bit, ΔΣ Modulation (VOCAL)], [24 bit,  $\Delta\Sigma$  Modulation (LINE)], [24 bit,  $\Delta\Sigma$ Modulation (SIMUL)], <DA Conversion>: 24 bit,  $\Delta \Sigma$  Modulation, Internal Processings: 24 bit (digital mixer section) < Recording</p> Data>: 16 hit linear 
Sample Rate 44 1 kHz Frequency Response 20 Hz-20 kHz (+1/-3 dB) Total Distortion 0.05 % of less (INPUT SENS : CENTER, 1 kHz at nominal output level) Nominal Input Level (Variable) GUITAR/BASS Jack: -20 dBu, MIC 1/2 Jacks (TRS balanced/XLR): -40 dBu, LINE IN Jacks: -10 dBu • Input Impedance [GUITAR/BASS Jack: 1 MΩ], [MIC 1/2 Jacks (TRS balanced/ XLR): 12.5 k $\Omega$  (HOT-COLD) 6.5 k $\Omega$  (HOT-GND, COLD-GND)], [LINE IN Jacks: 22 kΩ] ● Nominal Output Level LINE OUT Jack: -10 dBu ● Output Impedance LINE OUT Jack: 2 kΩ, PHONES Jack: 100  $\Omega$  • Recommended Load Impedance LINE OUT Jack: 20 kΩ or greater, PHONES Jack: 8-50 Ω • Residual Noise Level LINE OUT Jack: -87 dBu or less (INPUT SELECT: GUITAR/BASS, input terminated with 1 k $\Omega$ , INPUT SENS: CENTER, IHF-A, typ.) Interface DIGITAL OUT: S/PDIF 16-24 bit (optical type), USB (B type) Display 64 x 40 mm (backlit LCD) Connectors MIDI IN/ OUT connector, USB connector, DIGITAL OUT connector (optical type), FOOT SW Jack (1/4" phone type), EXP PEDAL Jack (Stereo 1/4" phone type), LINE OUT Jack (RCA pin type), LINE IN Jack (RCA pin type), MIC 1/2 Jacks (XLR/TRS balanced), PHONES Jack (Stereo 1/4" phone type), GUITAR/BASS Jack (1/4" phone type) Power Supply DC 12 V: Supply AC Adaptor (Roland PSB-7U) Power Consumption 3 A Dimensions 478 (W) x 297 (D) x 95 (H) mm (18-7/8" x 11-3/4" x 3-3/4") • Weight 4.1 kg/9 lbs. 1 oz. (excl. AC Adaptor)

# System Requirements (USB Connection)

Compatible OS Windows: Windows® Me/2000 or later, Macintosh: Mac OS 9.1 or later ● Computer Windows: Windows®-compatible personal computer equipped with a USB port, Macintosh: Apple Macintosh computer equipped with a USB port 

Driver The BR-1200CD uses a standard DRIVER that is found on the OS. The DRIVER will be installed automatically once connected with Computer via USB.

Accessories AC Adaptor: PSB-7U, DISCRETE DRUMS (CD-ROM)

# BR-1600CD Version 2

● Tracks Track: 16, V-Track: 256 (16 V-Tracks per primary Track); Unito 8 tracks can be recorded simultaneously, and up to 16 tracks can be played back simultaneously Maximum Useful Canacity/ Recording Time Internal Hard Disk: 80 GB \*The maximum recording time of the original units (80GB) is about 240 hours. The listed recording time is approximate. Time may be slightly shorter depending on the number of songs and size of imported loop phrase that were created, : The listed recording time is the total for all the tracks that are used. If each of the sixteen tracks contain an equal amount of data, the length of the resulting song will be approximately 1/16 of the time shown. • Signal Processing <AD Conversion>: [24 bit, AF method\* (Guitar/Bass)], [24 bit,  $\Delta\Sigma$  Modulation (VOCAL)], [24 bit,  $\Delta\Sigma$  Modulation (MULTI-TRACK)], [24 bit,  $\Delta\Sigma$  Modulation (STEREO TRACKS)], <DA Conversion>: 24 bit, ΔΣ Modulation. <Internal Processing>: 24 bit (digital mixer section), <Recording</p> Data>: 16 bit linear • Sample Rate 44.1 kHz • Frequency Response 20 Hz-20 kHz (+1/-3 dB) Total Distortion 0.02 % or less (INPUT SENS: CENTER, 1 kHz at nominal output level) Nominal Input Level (Variable) GUITAR/BASS Jack: -10 dBu, MIC 1-8 Jacks (XLR): -40 dBu, INPUT 1-8 Jacks: -10 dBu ● Input Impedance [GUITAR/BASS Jack: 1 MΩ], [MIC 1-8 Jacks (XLR): 12.5 kΩ (HOT-COLD), 6.5 kΩ (HOT-GND, COLD-GND)], [INPUT 1-8 Jacks: 22 kΩ] ■ Nominal Output Level LINE OUT Jack: -10 dBu ■ Output Impedance LINE OUT Jack: 2 kO PHONES 1, 2 Jack: 100 O Recommended Load Impedance LINE OUT Jack: 20 kΩ or greater. PHONES 1, 2 Jack: 8-50 \( \Omega \) Residual Noise Level LINE OUT Jack: -90 dBu or less (INPLIT SELECT: GUITAR/BASS, input terminated with 1 kΩ. INPUT SENS: CENTER, IHF-A, typ.) Interface DIGITAL IN: S/PDIF 16-24 bit (coaxial type), DIGITAL OUT: S/PDIF 16-24 bit (coaxial type), USB (B type) Display 130 x 36 mm (backlit LCD) Connectors MIDI IN/OUT connector, USB connector, DIGITAL IN connector (coaxial type), DIGITAL OUT connector (coaxial type), FOOT SW Jack (1/4" phone type), EXP PEDAL Jack (Stereo 1/4" phone type), LINE OUT Jack (RCA pin type), INPUT 1-8 Jacks (unbalanced, 1/4" phone type), MIC 1-8 Jacks (XLR balanced), PHONES 1 Jack (Stereo 1/4" phone type), PHONES 2 Jack (Stereo 1/4" phone type), GUITAR/BASS Jack (1/4" phone type) Power Supply DC 12 V: AC Adaptor (Roland PSB-7U) Power mption 3 A Dimensions 494 (W) x 339 (D) x 99 (H) mm (19-1/2" x 13-3/8" x 3-15/16") • Weight 4.9 kg/10 lbs. 13 oz. (excl. AC Adaptor) Accessories AC Adaptor: PSB-7U, Effect Patch List. DISCRETE DRUMS (CD-ROM)

### System Requirements (USB Connection)

 Compatible OS Windows: Windows® Me/2000 or later, Macintosh: Mac OS 9.1 or later • Computer Windows: Windows®-compatible personal computer equipped with a USB port, Macintosh: Apple Macintosh computer equipped with a USB port • Driver The BR-1600CD uses a standard DRIVER that is found on the OS. The DRIVER will be installed automatically once connected with Computer via USB.

### **DR&DB SERIES**

# DR-880

Max. Polyphony 32 voices; Depending on the bass sound selected, maximum polyphony may be lower Instruments Drums: 440. Bass: 40 • Kits User: 100, Preset: 100 • Rhythm Patterns User: 500, Preset: 500 Songs User: 100 Connectors [Rear] OUTPUT Jacks L(Mono), R (1/4" phone type), L, R (phone type), DIGITAL OUT (coaxial), USB, [CTL] 1/2, 3/4/EXP PEDAL Jack, MIDI IN/OUT, AC Adaptor Jack, [Front] PHONES Jack (Stereo 1/4" phone type), GUITAR/BASS INPUT Jack (1/4" phone type) Power Supply AC Adaptor (BRC series) Dimensions 273 (W) x 242 (D) x 72 (H) mm (10-3/4" x 9-9/16" x 2-7/8") • Weight 1.4 kg/3 lbs. 2 oz. (excl. AC Adaptor) Accessories AC Adaptor (BRC series), DR-880 Driver CD-ROM • Options Footswitch (FS-5U, FS-6), Expression Pedal (EV-5)

 Max. Polyphony 20 voices; Depending on the instruments and drum kits used, max, polyphony may be lower Instruments Drum; 256. Bass: 16 • Rhythm Patterns User: 200, Preset: 200 • Songs Songs: 100 Song Length: Max 250 patterns for a song. Total Patterns for all songs: approx. 3.000 • Connectors OUTPUT Jacks (L. R), PHONES Jack FOOT SW Jack MIDLIN/OUT AC Adaptor Jack (DC 9 V) Power Supply DC 9 V: Dry Battery x 6. AC Adaptor (PSA series: Optional) • Dimensions 213 (W) x 169 (D) x 53 (H) mm (8-7/16" x 6-11/16" x 2-1/8") • Weight 800 g/1 lbs. 11 oz. • Accessory Dry Battery < Alkaline: LR6 (AA) type> x 6 • Option AC Adaptor (PSA series)

# DR-3

■ Max. Polyphony 12 voices ■ Instruments Drum and Perc: 120, Bass: 12 • Rhythm Patterns User: 100, Preset: 100; 11 patterns for a rhythm pattern Songs Songs: 100, Song Length; Max. 250 patterns for a song • Connectors OUTPUT Jacks (L, R/RCA phono type), L (PHONES), R (Mono) (1/4" phone type), PHONES Jack (Stereo 1/4" phone type), MIDI IN, AC Adaptor Jack Power Supply DC 9 V: Dry Battery x 6, AC Adaptor (PSA series) Dimensions 213 (W) x 185 (D) x 53 (H) mm (8-7/16" x 7-5/16" x 2-1/8") ● Weight 700 g/1 lbs. 10 oz. ● Power Consumption 200 mA ● Accessory Dry Battery <Alkaline: LB6 (AA) type> x 6 • Option AC Adaptor (PSA series)

■ Metronome Tempo: 30 to 250 (Accuracy: ± 0.1%), Beat 1: 1-9, Beat 2: OFF, 1-9, Pattern: 8-Beat x 4, 16-Beat x 3, Shuffle x 3, Funk x 2, Jazz x 2, Blues, Techno, House, Country, Reggae, Clave 3-2, Clave 2-3, Salsa Rumha Rossa Nova Samba Waltz Tanno Mambo Chachacha, March (30 kinds) Rhythm Coach Time Check. Quiet Count Gradual Un/Down Step Un/Down Reference Tone Reference Pitch: A4-438 Hz-445 Hz (1 Hz stens) Reference Tone Range: C2-B6 (5 octave, 12 semitone) Memory Metronome: 50. Reference Tone: 10 Auto Power Off function Turns unit off after 60 min. Indicators LCD Display, Tempo Indicator LED x 2 Connectors TRIG IN. START/STOP. MEMORY UP/DOWN, MIDI IN. PHONES x 2 (Stereo 1/4" phone type, Stereo miniature phone type), INPUT Jack, AC Adaptor Jack • Power Supply DC 9V: Dry Battery <6LR61/9V, 6F22/9V> or AC Adaptor (PSA series) • Current Draw 85 mA or less (with reference tone sounding), 190 mA or less (with signals inputting to the INPUT jack) Dimensions 122 (W) x 164 (D) x 37.5 (H) mm (4-3/4" x 6-1/2" x 1-1/2") ● Weight 450 g/14 oz (incl. batteries) Accessories Dry Battery, Soft case

■ Metronome Tempo: 30 to 250 (Accuracy: ± 0.1%), Beat: 1-9, 2+3, 3+2, 3+4, 4+3, 4+5, 5+4, 5+6,6+5, 6+7, 7+6, 7+8, 8+7, 8+9, 9+8 (23 kinds). Pattern: 8 Beat x 3, 16 Beat x 2, Shuffle x 2, Funk, Dance x 2, Country, Reggae, Clave x 2, Rumba, Bossa nova, Waltz, Tango, Mambo March (20 kinds) Reference Tone Reference Pitch: A4=438Hz-445Hz (1Hz steps), Reference Tone Range: C4-B4 (Accuracy: ±1 cent) Timer Setting Range: 1 to 60 minutes Indicators LCD Display. Tempo Indicator I ED x 2 Connector PHONES Jack (Stereo miniature phone type) Power Supply Dry Battery <R6/LR6 (AA) Type> x 2 ■ Dimensions 129 (W) x 84 (D) x 22 (H) mm (5-1/8" x 3-5/16" x 0-7/8") Weight 200 g/6 oz. (incl. batteries) Accessories Dry Battery <R6 (AA) Type> x 2. Soft case

## DB-30

 Metronome Tempo: 30 to 250 (Accuracy: ± 0.1%), Beat: 0-9, 2+3, 3+2, 3+4, 4+3, 4+5, 5+4, 5+6, 6+5, 6+7, 7+6, 7+8, 8+7, 8+9, 9+8 (24 kinds), Rhythm: Quarter note, Eighth note, Eighth rest and eighth note, Triple, Triple with center rest, Sixteenth note, Sixteenth note with sixteenth rest. CLAVE 1. CLAVE 2 (9 kinds) Reference Tone Reference Pitch: A4 = 438 Hz-445 Hz (1 Hz steps), Reference Tone Range: C4-B4 (Accuracy: +1 cent) Auto Power Off function Turns unit off after 60 min. Memory function Stores the settings when the nower is turned off. (The Mute status is not stored in memory.) ■ Indicators LCD Display Tempo Indicator LED x 2 Connector PHONES Jack (Stereo miniature phone type) Power Supply CR2032 lithium battery x 1 Power Consumption 10 mA or less (with reference tone sounding) Dimensions 61 (W) x 90 (D) x 20 (H) mm (2-7/16" x 3-9/16" x 13/16") • Weight 70 g/3 oz. (incl.

# **OPTIONS**

battery) • Accessory CR2032 lithium battery

# BCB-60

• Connectors INPUT Jack, SEND Jack, RETURN A Jack, RETURN B Jack, OUTPUT A Jack, OUTPUT B Jack, PSC IN Jack, DC OUT Jack ● Power Supply DC 9V: AC Adaptor (PSC series) ● Dimensions 670 (W) x 370 (D) x 100 (H) mm (26-7/16" x 14-5/8" x 3-15/16") ■ Weight 3.8 kg/8 lbs. 7 oz. ■ Accessories AC Adaptor (PSC series), Pre-cut insert x 3, Spare insert x 1, 8-pin parallel DC cord, L-L cable (short) x 5, L-L cable (long) x 3

● Dimensions 330 (W) x 81 (D) x 300 (H) mm (13" x 3-3/16" x 11-13/16") Weight 1.2 kg/2 lbs. 11 oz. Accessories 4P Parallel DC Cable x 1, L-L Cable (130 mm) x 2 • Option AC Adaptor (PSA series)

Controls Pedal Switch A, B/POLARITY Switch A, B/Mode Switch A, B Connectors Jack A, Jack B (1/4" phone type) Jack A & B (TRS 1/4" phone type) • Power Supply DC 9 V: Dry battery/9 V 6F22 (Carbon). 6LR61 (Alkaline) • Current Draw 8 mA (max.) • Dimensions 188 (W) x 91(D) x 43 (H) mm (7-7/161" x 3-5/8" x 1-3/4") • Weight 500 g/1 lbs. 1 oz. (incl. battery) Accessory Dry Battery/9 V (6F22)

# MOBILE CUBE

■ Rated Power Output 2.5 W + 2.5 W ■ Nominal Input Level (1 kHz) MIC Channel: -50 dBu, KEYBORAD/INSTRUMENT/GUITAR Channel: -10 dBu, AUX IN: -10 dBu ● Speakers 10 cm (4") x 2 ● Controls POWER Switch, TONE Knob, DELAY/REVERB Knob, [MIC Channel] VOLUME Knob. [KEYBORAD/INSTRUMENT/GUITAR Channel] TYPE Switch, VOLUME Knob, CHORUS Switch (AUX) CENTER CANCEL Switch Indicator POWER Connectors [MIC Channell Input Jacks (1/4" phone type) [KEYBOARD/INSTRUMENT/GUITAR Channel] Input Jack L/MONO.GUITAR (1/4" phone type), Input Jack R (1/4" phone type), AUX IN Jacks (Stereo miniature phone type, RCA phono type), PHONES Jack (Stereo miniature phone type), AC Adaptor Jack Power Sunnly DC 9 V: Dry Battery (LB6 (AA) type) x 6 or AC Adaptor (optional) Current Draw 175 mA Dimensions 280 (W) x

108 (D) x 177 (H) mm (11-1/16" x 4-1/4" x 7") ● Weight 2.5 kg/5 Ibs. 9 oz.(incl. Battery) • Accessories Strap, Dry Battery (LR6 (AA) type) x 6 Options AC Adaptor (PSB-120/PSB-230EU/PSB-230UK/ PSR-240A)

■ Rated Power Output 30 W ■ Nominal Input Level (1kHz) Channel 1 (MIC/LINE): -50 to -20 dBu. Channel 2, 3 (LINE): -20 dBu. AUX IN 1, 2: -10 dBu Stereo Link Innut: -10 dBu Nominal Output Level Stereo Link Out L R: -10 dBu Sneaker 16 cm (6.5") + Tweeter (Coaxial 2-Way) Controls Channel 1 (MIC/LINE) Volume Knob. Channel 2 3 Volume Knobs Stereo Phones Level Knob Equalizer: Low Knob, High Knob, Master Knob, Power Switch 
Connectors CHANNEL 1 INPUT Jack (XLR type, 1/4" phone type), CHANNEL 2, 3 INPUT Jack L (mono) (1/4" phone type), CHANNEL 2, 3 INPUT Jack R (1/4" phone type), AUX IN 1 Jack (RCA pin type), AUX IN 2 Jack (Stereo miniature phone type), STEREO LINK OUT Jacks L, R (1/4" phone type), STEREO LINK IN Jack (1/4" phone type), STEREO PHONES Jack (Stereo 1/4" phone type) Power Supply AC 117 V, AC 230 V, AC 240 V Power Consumption 32 W Dimensions 214 (W) x 238 (D) x 275 (H) mm (8-7/16" x 9-3/8" x 10-7/8") • Weight 5.6

# DI-1

● Frequency Response 20-40,000 Hz (+0.5/-1 dB) ● Nominal Input Level -20/0/+20 dBu (selectable) Max. Input Level +45 dBu (1 kHz). 390 Vp-p Max. Output Level +8 dBu (Balanced: 600 Ω load. Unbalanced: 50 kΩ) 

Residual Noise −11 dBu or less (IHF-A) ■ Total Harmonic Distortion 0.05 % or less ■ Current Draw 6 mA • Nimensions 97 (W) x 125 (D) x 46 (H) mm(3-13/16" x 4-15/16" x 1-13/16") • Weight 500 g/1 lbs. 1 oz.

### AB-2

 Nominal Input Level −20 dBu Nominal output Level −20 dBu ■ Control Pedal ■ Indicators A (red), B (vellow) ■ Connectors A Jack. B. Jack IN/OUT Jack Current Draw 5 m A or Jess: Expected battery life under continuous use: Carbon: 100 hours: This figure will vary depending on the actual conditions of use. Power Sunnly Dry Battery <R03/LR03 (AAA) type> x 2 Dimensions 96 (W) x 90 (D) x 43 (H) mm (3-13/16" x 3-9/16" x 1-3/4") ■ Weight 240 g/9 oz. ■ Accessories Dry Battery <R03/LR03 (AAA) type> x 2, Number Sticker

# FS-5U

● Connectors 1/4" phone type ● Dimensions 96 (W) x 90 (D) x 43 (H) mm (3-13/16" x 3-9/16" x 1-3/4") ● Weight 230 g/9 oz.

● Connectors 1/4" phone type ● Power Supply Dry Battery <R03/LR03 (AAA) type> x 2 • Dimensions 96 (W) x 90 (D) x 43 (H) mm (3-13/16" x 3-9/16" x 1-3/4") • Weight 240 g/9 oz.

 Controls Main Volume Pedal, Minimum Volume Knob ● Dimensions 86 (W) x 200 (D) x 54 (H) mm (3-3/8" x 7-7/8" x 2-1/8") ● Weight 400 g/14 oz. ● Accessory Stereo Plug Cord (2 m)

● Type of Construction Closed type; dynamic ● Driver 45 mm in diameter; neodymium magnet . Sensitivity 101 dB/mW . Maximun Input 1600 mW • Frequency Response 10 to 25,000 Hz • Cord 11' (3.4 m)/OFC litz wire • Plug Stereo mini (gold-plated)/Plug adapter (Mini plug -> 1/4" phone plug ) • Accessory Carrying pouch



• 0 dBu = 0.775 Vrms





Once a musical instrument generates sound vibrations, it reaches the human ear through various mediating objects, each of which significantly affects the sound. The material and configuration of the instrument, the electric/electronic/magnetic amplifying system, the air and the reverberation of the room all affect the final sound. Sound modeling, the latest DSP technology, "virtually" reconstructs these objects. Roland's breakthrough Composite Object Sound Modeling (COSM) uses the advantages of multiple modeling methods and succeeds in accurately emulating existing sounds, as well as producing sounds that have never before been created.



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