

BOSS PRODUCTS CATALOG 2011

BOSS

A SOUND INNOVATOR
Always by your side. BOSS.



THE BOSS COMPACT EFFECTS STORY

35 YEARS.
BOSS

We put the power in your performance
and the fire in your soul

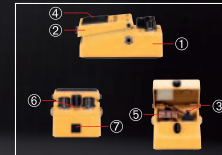
The BOSS compact series — a reputation for innovation

In 1977, the OD-1 overdrive unit was launched as our first compact effects unit. Its mellow and beautiful distortion became an instant favorite among guitarists worldwide, and helped fuel the meteoric rise of the BOSS compact series. The history of BOSS is decorated with innovative world-firsts and many unique features that have been hailed as revolutionary.

— As our brand reaches its 35th anniversary, we at BOSS vow to continue our quest to innovate, to set new standards, and to help guitarists soar to new creative heights.

Philosophy

From the beginning, BOSS has built the best pedals by adhering to these key principles: ① 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-install battery compartments. ⑥ LED indicators. ⑦ Battery and AC power.



History

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 that followed.



Note: The OD-1 is no longer in production.

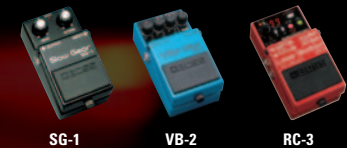
Breakthrough

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.



Originality

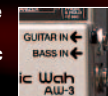
Beyond standard effects, BOSS is famous for its unique and unusual stompboxes, such as the SG-1 Slow Gear, VB-2 Vibrato, and, most recently, the RC-3 Loop Station.



Note: The SG-1 and VB-2 are no longer in production.

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 low frequencies.



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.



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 industry.



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.



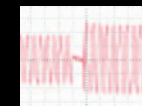
Advantage

The BOSS Compact Series avoid degradation and leave the essential characteristics of your guitar's tone.

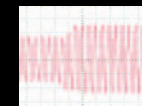
All BOSS Compact-series pedals are equipped with FET electronic switches and buffer amps, which offer the following advantages: a) They do not cause sound cut-offs that mechanical switches do when switching effects, and b) are less susceptible to sound degradation that can result from long cable feeds.

■ No sound cut-offs or switching noises.

Simple mechanical switches cause sound cut-offs when switching between contacts, and they are susceptible to switching noises. FET switches eliminate such undesired noises.



● Mechanical switch:
Sound cuts off



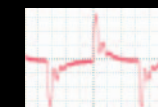
● FET electronic switch:
Smooth switching

■ Low-impedance signals are used to allow high-fidelity transmission.

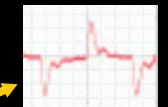
Guitar outputs use high-impedance* signals. Signals sent through long cables at high impedance are not only susceptible to cables' capacitance, but can affect the tone itself, for example as a loss in the high end. The buffer amp in BOSS Compact-series pedals converts signal to low impedance right at the input. This helps maintain the quality of signal even when using long cable feeds. The aim of this design is to give musicians excellent tone in real-world situations.

*Guitars with typical passive electronics.

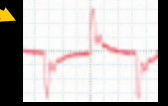
■ Comparison of sound degradation after transmission (at 5m)



● Original waveform



● At high impedance:
Sound is degraded



● BOSS Compact Series:
Almost no change at all

◆ Drawings show actually measured waveforms.

COMPACT SERIES

A SOUND INNOVATOR

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 13 compact pedals in this category, guitarists have an expansive range of power-tone tools to choose from.



SD-1
SUPER OverDrive

Warm, Tube Drive Sounds

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.



NEW

ST-2
Power Stack

Authentic amp stack sounds from a stompbox

Based on an extensive analysis of classic guitar amps, this pedal provides the ultimate in distortion tones. Simply twist the Sound knob for super-dense crunches, intense drive, and powerful ultra high-gain tones.



MT-2
Metal Zone

BOSS's Most Popular Pedal!

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 your sound to the extreme.



ML-2
Metal Core

Extreme Metal in a Compact Pedal

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 produce.



FZ-5
Fuzz COSM

A Distorted Blast from the Past

The FZ-5 uses COSM technology to authentically reproduce three 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 originals.



OD-3
OverDrive

Natural Overdrive with Endless Sustain!

Classic BOSS overdrive, based on a dual-stage design for bigger, fuller sounds. Variable Drive and Tone controls create overdriven sounds from mild to extreme with almost endless sustain.



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 maintaining the subtle nuances of single-coil guitar pickups.



ODB-3
Bass OverDrive

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.



CS-3
Compression Sustainer

Also Great for BASS

Improves Your Overall Tone

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.



GE-7
Equalizer

Powerful 7-Band EQ!

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



GEB-7
Bass Equalizer

Precise Tonal Control

With a frequency range from 50Hz to 10kHz, the GEB-7 is ideal for any bass guitar, including 5-string basses. Seven bands of EQ are available, affording greater control over the crucial midrange.



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 aggressively.



DS-1
Distortion

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
TURBO Distortion

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, heavy distortion sounds to a whole new level. Special Gain Boost and Bottom controls let you shape your tone for maximum volume and low-end punch.



AC-3
Acoustic Simulator COSM

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.



CE-5
Chorus Ensemble

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 high- and low-cut filters.



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 EQ function adjusts the tonality of the chorus sound.



CEB-3
Bass Chorus

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.

COMPACT SERIES

A SOUND INNOVATOR



AW-3
Dynamic Wah

Also Great for BASS

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 guitar.



OC-3
SUPER Octave

Also Great for BASS

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 bass, too.



TR-2
Tremolo

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.



RC-3
Loop Station

Also Great for BASS

Stereo track looper with up to 3 hours of recording!

Diverse loop performances with up to 99 phrases and approximately three hours of recording time. True-stereo input and output. AUX IN accepts audio from MP3 players. Connect to your PC via USB to import and export phrases.



LMB-3
Bass Limiter Enhancer

Smooth Tone, Every Time

Smooths 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 Synthesizer

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.



BF-3
Flanger

Also Great for BASS

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
Phase Shifter

Also Great for BASS

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 input.



DD-3
Digital Delay

Also Great for BASS

Pro-Quality Delay in a Compact Pedal

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



DD-7
Digital Delay

Also Great for BASS

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 pedal control options, longer delay time, and more.



NS-2
Noise Suppressor

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 intact.



LS-2
Line Selector

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.



TU-3
Chromatic Tuner

The New World-Standard Tuner Has Arrived

Smooth 21-segment LED meter with a High-Brightness mode that cuts through the harshest outdoor glare. Accu-Pitch Sign provides visual verification when tuning is complete.



PS-6
Harmonist

Create three-part harmonies, de-tune, and bend with ease!

Latest DSP delivers high-quality, natural sound. Three-voice harmony, pitch-shifting, and de-tuning. Powerful super-bend effect enables amazing multi-octave effects. Pitch can also be controlled with an EV-5 external pedal (sold separately).



RV-5
Digital Reverb

Also Great for BASS

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.



V-WAH PW-10
Wah Pedal

Also Great for BASS

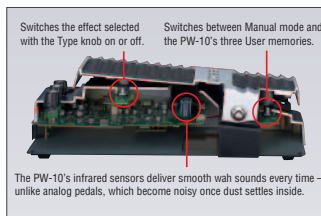
The World's First Modeling Wah Pedal!

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!



■ COSM WAH TYPE

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



■ OD/DS TYPE

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/Expression

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



FV-500L

Foot Volume/Expression

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



FV-50H

Volume Pedal

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



FV-50L

Volume Pedal

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



LEGEND SERIES

Popular Vintage Fender® Amps and Reverb Unit Reproduced via COSM!

The tube amps and reverb unit produced by Fender® during the 50s and 60s, and their subsequent reissues, are highly prized by guitarists all over the world.

Approved by Fender®, the BOSS Legend Series employs COSM technology to reproduce the true tone of the '59 Bassman®, the '65 Deluxe Reverb®, and the '63 Fender® Reverb.

Proudly brought to you by BOSS, these pedals represent an exciting new concept in retro-modern compact effects.

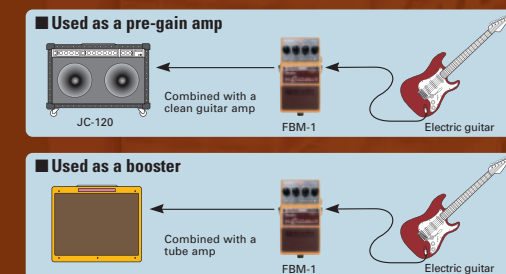
—Legend Series—

FBM-1 Bassman®

Fender® Bassman® Pedal

Fender® amps of the '50s and '60s are beloved and coveted by guitarists around the world. Thanks to BOSS' technology and tone know-how, the new FBM-1 brings the natural, fat, rich, bright tone of the Fender® Bassman® to a BOSS pedal. Features include the same controls of the original Bassman®.

- Recreates the legendary tone of the 1959 Fender® Bassman® amp
- Additional BRIGHT IN provides the classic bright sound, similar to the original Bassman®
- Presence, Treble, Mid, and Bass EQ controls
- Road-tough BOSS metal construction
- Pre-gain pedal for adding or retaining Fender® tone color



By using the FBM-1 as a pre-gain pedal, the unique sound of the Bassman® can be combined with a clean guitar amp or tube amp. The gorgeous tone characteristic of the Bassman® can be easily reproduced with control knobs and the BRIGHT IN — just like the original.



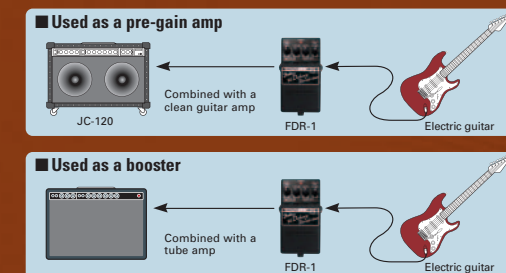
FENDER® and BASSMAN® are the trademarks of FMI. All rights reserved.

FDR-1 Deluxe Reverb®

Fender® Deluxe Reverb® Amp Pedal

The FDR-1 is based on the Fender® 1965-era Deluxe Reverb® — a coveted tube amp known for its natural touch-responsive and distinctive snappy overdriven sound. This Legend-series pedal contains the same controls as the original Deluxe Reverb®.

- Recreates the legendary tone of the 1965 Fender® Deluxe Reverb® guitar amp
- Level, Gain, Treble, Bass, Vibrato, and Reverb controls
- Road-tough BOSS metal construction
- Perfect pre-gain pedal for adding or retaining Fender® tone color



With the FDR-1 employed as a pre-gain pedal, the classic sound of the Deluxe Reverb® can be combined with a clean guitar amp or tube amp. Equipped with control knobs just like the original, the FDR-1 perfectly simulates the characteristic spring reverb and vibrato of the beloved Deluxe Reverb®.



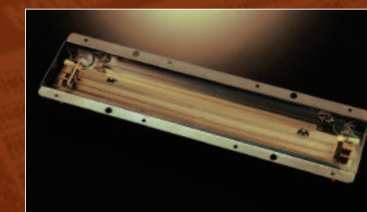
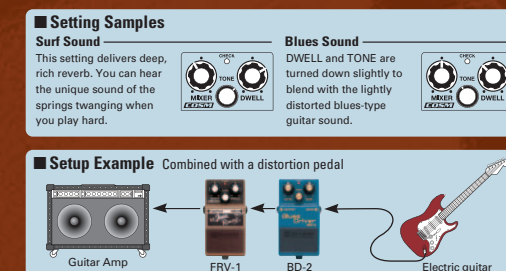
FENDER® and DELUXE REVERB® are the trademarks of FMI. All rights reserved.

FRV-1 Fender® Reverb

Fender® Reverb Pedal

A classic reborn — the legendary sound of the 1963 Fender® Spring Reverb returns as a modern stompbox. BOSS and Fender® USA have collaborated to create the FRV-1, a stunning recreation of the legendary '63 Fender® Reverb via COSM technology. The FRV-1 puts that timeless tube-driven reverb sound under your foot in a tough, reliable compact pedal.

- Recreates the legendary sound of the 1963 Fender® Reverb via COSM technology
- Easy operation with three classic controls for Dwell, Tone, and Mixer for creating sounds from buttery warmth to sparkling twang
- Cool, retro appearance
- Road-tough BOSS metal construction



The spring reverb unit of the original Fender® Reverb



FENDER® is the trademark of FMI. All rights reserved.

Timeless Classics — Fender® Vintage Models



Fender '59 Bassman

With its rich, fat, and present tone, Fender's classic '59 Bassman® is a staple of rock, country, and blues. Originally designed for bass, the all-tube Tweed amp became a hit with guitarists as well.



Fender '65 Deluxe Reverb

The '65 Fender® Deluxe Reverb® has been an icon of rock, country, and blues for decades. This famous tube amp provides excellent picking response, natural overdrive, supreme spring reverb, and vibrato.

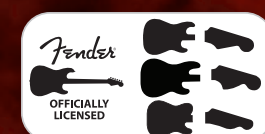


'63 Fender Reverb

The Fender® Spring Reverb is the sound that launched the surf-music phenomenon, and is a staple of rockabilly, country, and blues. Later, it became commonplace in grunge and other modern genres.

Officially licensed by Fender®

Fender® Corporation licensed the use of "Fender® Bassman®" to the BOSS FBM-1, "Fender® Deluxe Reverb®" to the BOSS FDR-1, and "Fender® Reverb" to the BOSS FRV-1. No other pedals carry this official license.



Fender®, Bassman® and Deluxe Reverb® are the trademark of FMI. All rights reserved.

TWIN PEDAL SERIES

Double-barrel power, creativity, and control!

The RE-20 and RT-20 faithfully reproduce the expressive sound and characteristics of vintage masterpiece effects. The Revolutionary SL-20 and VE-20 open the door to a colorful new world of performance. The DD-20 delivers the highest level of sound quality and expressive control. Announcing the RC-30 Loop Station, the latest in a celebrated series of time-based effects that have sparked a global movement in live loop performance. Dramatically enhance your power as a player with these unique tools!



LOOP STATION RC-30 DUAL TRACK LOOPER

Double your creativity with this innovative twin pedal. 2-track looper with support for battery power.

Create amazing one-person performances by loop-recording your phrases one on top of another. Store up to 99 phrases. Ultra-long recording time of up to three hours with built-in memory. Two stereo tracks for recording, looping, and layering. Two stereo channels for input and output. Easy-to-use tempo-synced effects. Mic jack* for recording voices and instruments. AUX IN jack for recording audio from your MP3 player or other device. Connect to your PC via USB to save phrases or import WAV files. Two-mode power with support for AC adaptor** and size-AA batteries.

*Supports condenser mics as well. ** PSA series sold separately.

Built-In Loop Effect	
BEND DOWN	This effect bends the pitch down rapidly.
STEP PHASER	This phaser varies the tone in a step-wise fashion.
SWEEP FILTER	This effect varies the frequency in sync with the tempo.
TEMPO DELAY	Tempo-synced delays.
Lo-Fi	Unique lo-fi effect.



GIGA DELAY DD-20 DIGITAL DELAY

BOSS's Next-Generation Delay

The DD-20 Giga Delay provides up to 23 seconds of delay 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.

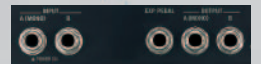
Mode	
SOS	TWIST
WARP	TAPE
ANALOG	STANDARD
DUAL	PAN
SMOOTH	MODULATE
REVERSE	



SPACE ECHO 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 in the RE-20. The classic chorus effect produced through 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.



SLICER SL-20 AUDIO PATTERN PROCESSOR

Instant Groove and Melody Maker

Inject a shot of high-octane fuel into your music with the SL-20 Slicer. Instantly transform a guitar, bass, keyboard, or vocal into a pulsating groove 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.



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 be used to create unique overdrive and pulsating effects as well. This pedal sounds amazing, and offers a stunning graphical view of the virtual rotors on its built-in display.



The Essential Stompbox for Vocalists



VOCAL PERFORMER VE-20 VOCAL PROCESSOR

Simple set up. All you have to do is connect a mic and sing.



A gold mine of vocal effects in a single unit!

From high-quality reverbs and delay to pitch correction, dynamic effects, distortion, and special effects to its auto layering and harmony functions, the VE-20 is packed with the top effects that vocalists crave. This is truly an all-in-one system that can run on batteries or an optional AC adaptor.*



* PSA series sold separately.

Take your voice to a new level with ease!

The VE-20 is powerful yet incredibly easy to use. Simply dial up your favorite setting and sing — no programming required. It's easy enough for first-timers, but if you want to roll up your sleeves and create, a variety of editing tools are onboard. There are 50 user-memory locations to save your settings.

Phrase Loop

Sing, record, loop, and overdub with the onboard Phrase Looper, derived from BOSS's popular Loop Station. You get 38 seconds of mono record time to loop and layer phrases, and you can do it all in realtime onstage. From doo-wop to human-beatbox, this tool will wow audiences!



No.	Sound Name	Features
01	HARD ROCK	A powerful preset suited for hard rock
02	POP	Great for pop songs with clear vocal distinction
03	BALLAD	Ideal for ballads with rich resonance
04	OLDIES	Suited for oldies from the '50s
05	ROCK	Direct and full sound tailored for rock
06	JAZZ	Create an intimate sound as if you're singing in a jazz club
07	ECHO	An echo effect that makes great use of short delays
08	ARENA	The sound of singing in a spacious arena
09	CATHEDRAL	The grand, stately reverberation you'd get in a cathedral
10	HIP HOP	A great hip-hop sound with a touch of distortion
11	VOICE PERC	A crisp sound that's great for voice percussion
12	HARMONICA	Pleasant distortion for blues and rock harmonica
13	DOUBLE VOICE	Stack your vocals with this realistic double-track effect
14	TRIPLE VOICE	Add another voice to create a 3-part harmony
15	6 VOICE	Combination of double-track and delay creates a 6-part sound
16	5th HARMONY	Harmony in 5ths suited for a broad range of songs
17	3rd HARMONY	Beautiful harmonies in 3rds
18	5th + DOUBLE	Harmony in 5ths + double-track effect
19	3rd + DOUBLE	Harmony in 3rds + double-track effect
20	3rd + 5th LOW	Harmony in 3rds and 5ths (two lower parts)
21	3rd + 5th	Harmony in 3rds and 5ths (lower part and higher part)
22	3rd + 5th HIGH	Harmony in 3rds and 5ths (two higher parts)
23	DISTORTION	Wild distortion effects
24	RADIO	Retro-sounding radio voice
25	STROBE	Great for rhythmic phrases such as in rap
26	CHORUS	Chorus effects add a pleasant thickness to your sound
27	FLANGER	With its unique undulating effect, this was designed specifically for vocals
28	PitchCorrect	Natural pitch correction in half-tone increments
29	CHROMATIC	Pitch-corrected sound that's a staple of modern pop
30	ROBOT	Robotic voice, a techno staple

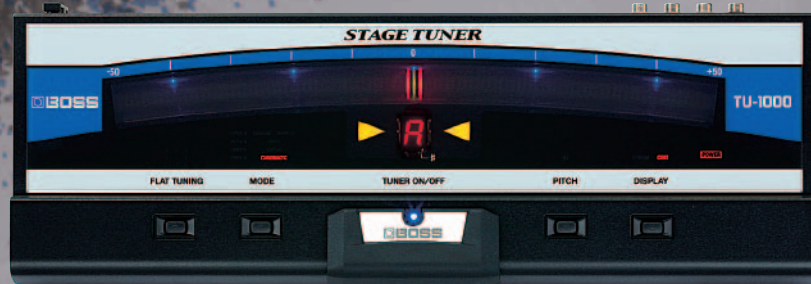
TU & AD SERIES



BOSS Has Just the Right Tuner for You!

BOSS tuners are world-renowned for their reliability, accuracy, and user friendliness. Since 1983, the TU-12 has been an industry standard. Today's family of BOSS tuners melds the essence of the TU-12 with modern technology in a wide variety of models.

► **BOSS** **TUNER**
— Stay Tuned. —



Illuminated blue BOSS logo

TU-1000

STAGE TUNER

Stage Tuner with Outstanding Visibility in Dark Venues and Outdoors

- Large, high-intensity LED meter, great for dark stages and outdoor gigs
- Easy user interface for hassle-free tuning
- Chromatic, Guitar, and Bass modes, plus Open Tuning Mode for DADGAD, Open D/E/G/A, Drop D tunings, etc.
- Flat Tuning support of up to six half-steps
- Fluid light motion shows when tuning is complete
- Power can be turned on/off remotely via footswitch
- Illuminated blue BOSS logo on the rear panel



TU-12EX

CHROMATIC TUNER

Famous TU-12 Features with Exciting Enhancements

- Oversized needle indicator for superb visibility plus LED tuning guide
- 23.9 mm thick body for easy storage in guitar cases
- Flat Tuning of up to six half-steps down
- Extended tuning range of E0-C8 for a variety of instruments
- High-sensitivity internal mic provides accurate and stable tuning for acoustic instruments
- Auto-off prolongs battery life



TU-12BW

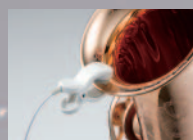
CHROMATIC TUNER

Designed Exclusively for Brass and Wind Instruments

- High-visibility needle and LED tuning guide for instant pitch verification
- Includes high-sensitivity internal mic
- Reference Pitch allows for long-tone practice
- Quick Response Mode offers faster needle response
- Accu-Pitch verification



Holder attached to music stand



Clip-on contact mic attaches to the bell of the instrument



TU-88BK
Available in black or white

TU-88WH

TU-88

MICRO MONITOR & TUNER

Triple-function Tuner for Guitar and Bass

- Three tuning modes (Chromatic, Guitar, Bass), Flat Tuning function, and Accu-Pitch verification with an audible beep
- Built-in headphone amp lets you tune, warm up, and check your effects in private
- Built-in metronome with selectable rhythmic patterns and volume control
- MIX IN allows jamming with an external music-playback device (MICRO BR, etc.)



TU-3

CHROMATIC TUNER

The New World-Standard Tuner Has Arrived

- 21-segment LED meter with brightness control
- High-Brightness mode enhances meter visibility outdoors
- Accu-Pitch Sign function provides visual verification when tuning is complete
- Chromatic and Guitar/Bass mode (tune by string number, with support for 7-string guitars and 6-string basses)
- Flat tuning is supported with Guitar Flat mode, which allows for "drop" tunings up to six semitones below standard pitch
- Signal is automatically muted when the tuner is on
- Supplies power for up to 7 BOSS compact effect pedals



TU-80-WH

TU-80

TUNER & METRONOME

The Ultra-thin TU-80 Provides Tuning + Metronome

- Wide tuning range supports guitar and bass, orchestral instruments, vocalists, etc.
- Supports 7-string guitar and 6-string bass as well as flat tuning of up to 5-steps down
- Accu-Pitch beeps when tuning is complete
- Reference Pitch provides audible comparison
- Available in two colors: bold black or stylish white

Available in black or white

Enhance the Clarity, Warmth, & Richness of Your Acoustic Instrument

Acoustic-guitar pickups often diminish the full-bodied sound of the instrument. Through COSM modeling, the BOSS AD-series gives piezo-equipped acoustic guitars the warmth and purity of a properly miked guitar in the studio.



AD-8

ACOUSTIC GUITAR PROCESSOR

COSM

Unlock Your Instrument's True Potential

- The AD-8 can enhance any piezo-equipped steel-string with the tonality of the world's finest acoustic guitars via COSM modeling. Six guitar models are provided, with controls for body resonance and string enhancement, plus 4-band EQ, auto feedback elimination, high-quality reverb, chromatic tuning, and more.



AD-3

ACOUSTIC INSTRUMENT PROCESSOR

Floor-Based Acoustic Processing

- Offers many of the AD-5's outstanding features (such as anti-feedback processing and reverb) in a rugged, floor-based unit with stompbox simplicity.



LOOP STATION

Accelerate your creativity with a BOSS Loop Station!

Loop performances are taking the world by storm, and BOSS Loop Stations are leading the charge. BOSS proudly announces the next-generation RC-series Loop Stations, with storage for 99 phrases and up to three hours of recording time! With the most innovative, creative loop features on the planet, BOSS Loop Stations are a dream for guitarists, vocalists, and all instrumentalists!



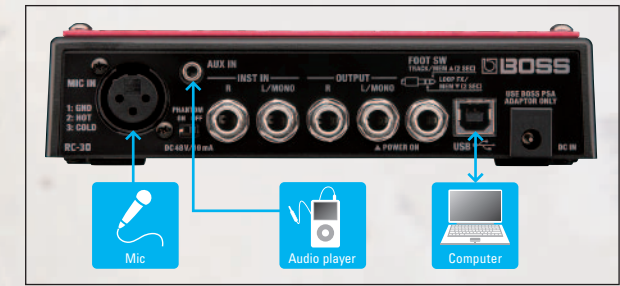
Stereo 2-track looper with effects and support for battery power. Mic input for recording vocals and acoustic instruments.

LOOP STATION RC-30 DUAL TRACK LOOPER

Create amazing one-person performances by loop-recording your phrases one on top of another. Store up to 99 phrases. Ultra-long recording time of up to three hours with built-in memory. Two stereo tracks for recording, looping, and layering. Two stereo channels for input and output. Easy-to-use tempo-synced effects. Mic jack* for recording voices and instruments. AUX IN jack for recording audio from your MP3 player or other device. Connect to your PC via USB to save phrases or import WAV files. Two-mode power with support for AC adaptor** and size-AA batteries.

■ Built-In Loop Effect

BEND DOWN	This effect bends the pitch down rapidly.
STEP PHASER	This phaser varies the tone in a step-wise fashion.
SWEEP FILTER	This effect varies the frequency in sync with the tempo.
TEMPO DELAY	Tempo-synced delays.
Lo-Fi	Unique lo-fi effect.



Stereo track looper with up to three hours of recording time. USB port connects to your PC; AUX IN lets you incorporate external devices.

Loop Station RC-3 LOOP STATION

State-of-the-art looper in a compact body. Store up to 99 phrases. Ultra-long recording time of up to three hours with built-in memory. Two stereo channels for input and output. AUX IN jack for recording audio from your MP3 player or other device. First in the compact class to feature a USB port; import WAV files from PC. Onboard rhythm types that span a broad range of genres; use as guides for making your loops. Two-mode power with support for alkaline batteries and AC adaptor.*

* PSA series sold separately.



Create dramatic solo performances by overlaying phrases one on top of the other!

REC
Start recording by stepping on the REC pedal!

OVERDUB
Play back the recorded phrase and record another on top of it!

LOOP PLAY
Overlay phrases one on top of the other and create a dramatic ensemble sound!

FLOOR MULTI SERIES

Advanced Processors for High-Impact Performance

Trusted by the world's greatest musicians onstage and in the studio, BOSS's flagship multi-effects processors deliver great sound quality with advanced COSM modeling technology and programming flexibility.



GT&ME

- Effects Excellence. Meet the Next Generation GT!
- Powerful Multi-Effects ME with Stompbox Simplicity

The color, character, and expression of BOSS multi-effects combined with one-of-a-kind COSM . . . welcome to the pinnacle of modeling technology



We have meticulously modeled every nuance and characteristic of guitar-amp circuitry, which enables each modeled amp to react and respond naturally and authentically. With COSM, enjoy a wide variety of classic amps or sink your teeth into COSM's unique power by creating custom sounds that soar beyond the limits of the vintage world!

To create meticulous models of all circuit behavior, our research begins with individual components.

The obsessive attention to detail that goes into the development of COSM starts with the selection of amps on which the models are based. In many cases, historical gear is chosen, and we scrutinize every detail. Our extensive testing covers the sound, character, and variations in tone when the amp is played under a variety of conditions, ensuring that the amp is in perfect condition. The amps that we select are exceptional, world-class examples.

We then take the chosen amp and perform detailed verifications of the characteristics and behavior of each of its parts, including every tube and capacitor. We dissect all circuitry between the amp's input and output into their smallest units, and perform thorough analysis of their characteristics.

Finally, through meticulous reconstruction, we create an

authentic model of each of these individual sections using COSM technology. This is how we build modeling amps that deliver the same behavior and characters of the originals.

COSM reproduces the detailed characteristics of speakers and cabinets, and even the changes in sound that are introduced by different mic setups.

Electrical circuitry is not the only factor in determining an amp's sound. The number of speakers, the character of the speakers, as well as cabinet resonance all affect the outcome. Additionally, the choice and placement of microphones colors the sound in live performances and recording sessions.

In creating our models, we perform extensive testing in anechoic chambers where large amounts of detailed data is gathered. In the same way that it reproduces the electronic characteristics of circuitry, COSM modeling delivers realistic variations in physical characteristics as well.

■ Measuring sound in an anechoic chamber



Living sound. COSM reproduces the ever-changing nuances and natural variations in sound as the amp settings are changed, just like the original amp.

Based on such an extensive process, how faithfully does COSM's modeled amp sound reproduce these original sounds and behavior? Let's take a look at illustrations of its actual characteristics.

Tone controls are used to customize the sound of an amp. State A shows all tone controls set flat. You can see that the frequency response curves reproduced on the original amp on the top and the COSM amp on the

■ Characteristics of each of the amp's components are analyzed



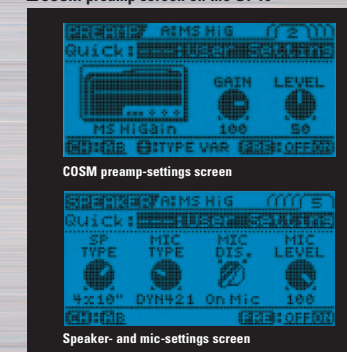
bottom closely resemble each other. State B shows the BASS and TREBLE tone controls turned up all the way. You can see that the way in which the sound varies matches the variations you would get on the original amp during your sound-design process.

COSM also offers custom sound-creation options that soar beyond the vintage world.

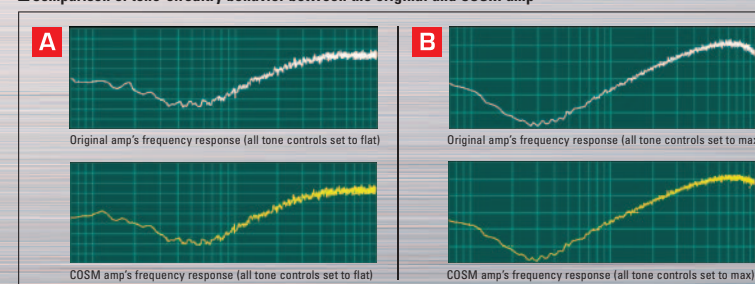
Since the COSM modeling accurately emulates the circuitry of original amps and their behavioral characteristics, it provides great advantages.

The GT-10 flagship model of BOSS multi-effects comes with customization features for virtually re-engineering the original amps. Distortion can be controlled in split-frequency zones, for example, and tone control is available for specific frequency ranges. In addition, the GT-10 supports detailed emulation of speaker types and configurations, and even microphone types or setting positions. This is the COSM's advantage!

■ COSM preamp screen on the GT-10



■ Comparison of tone-circuitry behavior between the original and COSM amp



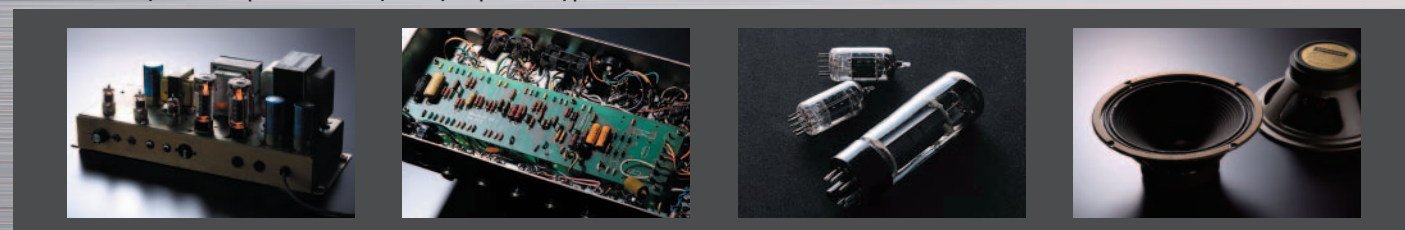
*All of the above illustrations are based on actual data.

COSM

Composite Object Sound Modeling

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, and the air and reverberation of the room all affect the final sound. Sound modeling with DSP technology "virtually" reconstructs these objects. Roland's breakthrough Composite Object Sound Modeling (COSM) uses the advantages of multiple modeling methods to accurately emulate existing sounds, as well as to produce sounds that have never before been created. Roland was the first music manufacturer to introduce "modeling" technology to the guitar world in 1994/95 with the launch of the VG-8 V-Guitar system.

■ COSM meticulously models all aspects of the circuitry — every component, every path



GT SERIES

Effects Excellence. Meet the Next Generation GT!

Driven by BOSS's latest DSP engine, the GT-10 and GT-10B offer amazing new COSM amp models and effects, plus EZ TONE, for intuitive editing, Phrase Loop, Parallel Effects Chain, and more.



GT-10
GUITAR EFFECTS PROCESSOR
COSM | USB AUDIO

Amazing Sound, Incredible Effects, High-powered Performance

■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 Chain



■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

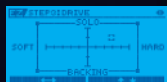
The GT-10 is a pro player's dream, but it's also friendly enough for first timers. The innovative EZ TONE wizard helps you create great sounds quickly with its intuitive approach to sound design based on icons. Simply move the cursor left, right, up, and down along the Tone Grid matrix. The GT-10 makes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



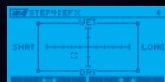
STEP 1: Select pick-up type and type of variation.



STEP 2: Select sound style and type of variation.



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



STEP 4: On the Tone Grid screen, adjust FX 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 amp-control 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.boss.info. 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			PREAMP TYPE			OD/DS TYPE			SLOW GEAR			SOUND HOLD		
COMPRESSOR	FX-2	FOOT VOLUME	BOSS Clean	VO Lead	R-FIER Mdn	Mid Boost	Warm OD	Stack	DEFRETTER	AC-PROCESSOR	SLICER			
OD/DS	DELAY	PEDAL WAH	JC-120	VO Clean	R-FIER Cla	Clean Boost	Distortion	Loud	WAVE SYNTH	FEEDBACKER	VIBRATO			
PREAMP	CHORUS	PEDAL BEND	Jazz Combo	MATCH Drive	T-AMP Lead	Traffic Bat	Mild DS	Metal Zone	GUITAR SYNTH	ANTI-FEEDBACK	RING MOD.			
EQUALIZER	REVERB	NOISE SUPPRESSOR 1	Full Range	Fat MATCH	T-AMP Crunch	Blues OD	Mid DS	Lead	SITAR SIM.	PHASER	HUMANIZER			
FX-1	MASTER	NOISE SUPPRESSOR 2	Clean TWIN	MATCH Lead	T-AMP Clean	Natural OD	GUV DS	'60s FUZZ	OCTAVE	FLANGER	2X2 CHORUS			
			Pro Crunch	BG Lead	BOSS Drive	OD-1	Oct FUZZ	PITCH SHIFTER	TREMOLO	ROTARY	SUB DELAY			
			Tweed	BG Drive	SLDN	T-Scream	Modern DS	Auto RIFF	UNI-V					
			DELUX Crunch	BG Rhythm	Lead Stack	Turbo OD	Solid DS							
			BOSS Crunch	MS1959 I	Heavy Lead									
			Blues	MS1959 I+II	BOSS Metal									
			Wild Crunch	MS HiGain	5150 Drive	T.WAH	ADV.COMP	PARA EQ						
			StackCrunch	MS Scoop	Metal Lead	AUTO WAH	LIMITER	TONE MODIFY						
			VO Drive	R-FIER Vnt	Edge Lead	SUB WAH	GRAPHIC EQ	GUITAR SIM.						



GT-10B
BASS EFFECTS PROCESSOR
COSM | USB AUDIO

Top-of-the-Line Bass Station

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

Bass players can enjoy the same core processing muscle 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

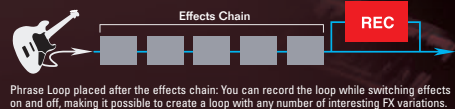
The GT-10B's Parallel Chain provides two discrete signal paths. Shape your sound by freely allocating a variety of amazing effects, including a COSM amp channel. With two discrete channels instantly available, you can switch between or blend the two paths according to your playing dynamics for incredibly expressive bass performances.

■Example of Parallel Chain

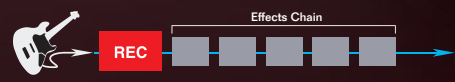


■New Creativity with Phrase Looping

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 multi-layered performances!



Phrase Loop placed after the effects chain: You can record the loop while switching effects on and off, making it possible to create a loop with any number of interesting FX variations.



Phrase Loop placed before the effects chain: This makes it possible to record the raw performance and add or change effects after the fact.

■Quickly Create Custom Sounds with EZ TONE

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!



STEP 1: Select sound style and type of variation.



STEP 2: On the Tone Grid screen, adjust the Distortion Character along the Soft/Hard and Smooth/Edge axis.

■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.



GT-10B EFFECTS LIST		PREAMP TYPE		SESSION		Bass Driver		Bass MT		SOUND HOLD		SLICER	
COMPRESSOR/LIMITER	REVERB	SUPER FLAT	FLIP TOP	AC BASS	GTR Clean	Bass OD	Blues OD	Metal Zone	FLANGER	PHASER	VIBRATO		
OD/DS	MASTER	FOOT VOLUME	B MAN	GTR Crunch	Bass DS	MUFF FUZZ	HiBandDrive	CRY WAH	FLANGER	DEFRETTER	RING MOD.		
PREAMP	PEDAL WAH	CONCERT 810	GUZ DS	GTR Drive		TREMOLO		HUMANIZER	ROTARY	UNI-V	2X2 CHORUS		
EQUALIZER	PEDAL BEND	BASS 360	T.E.	GTR Metal		NOISE SUPPRESSOR 1		SUB DELAY	NOISE SUPPRESSOR 2				
FX-1	NOISE SUPPRESSOR 1												
FX-2	NOISE SUPPRESSOR 2												
DELAY													
CHORUS													

PREAMP TYPE		SESSION		Bass Driver		Bass MT		SOUND HOLD		SLICER	
BOSS Comp	Vtg Rack U	AC BASS	GTR Clean	Bass OD	Blues OD	Metal Zone	FLANGER	PHASER	VIBRATO		
D-Comp	Multi Band	GTR Crunch	Bass DS	MUFF FUZZ	HiBandDrive	CRY WAH	FLANGER	DEFRETTER	RING MOD.		
BOSS Limiter	Natural	GTR Drive		TREMOLO		HUMANIZER	ROTARY	UNI-V	2X2 CHORUS		
Rack 1600		GTR Metal		NOISE SUPPRESSOR 1		SUB DELAY	NOISE SUPPRESSOR 2				
OD/DS TYPE		BASS SIM.		TONE MODIFY		WAH TYPE		SLOW GEAR		CRY WAH	
Booster	Natural	SUB WAH	SUB COMP	DEFRETTER	BASS SYNTH	VO WAH	Light WAH	7String WAH			
		SUB LIMITER	GRAPHIC EQ	OCTAVE	PITCH SHIFTER						
		PARA EQ	ENHANCER	HARMONIST							

ME
SERIESPowerhouse FX with Stompbox
Simplicity

The affordable ME-25 is powerful and potent yet easy as a stompbox. The built-in sound library gives you instant access to dozens of classic and modern effects, and you can customize your sound with simple knob twists. With COSM amp models onboard, plus Super Stack and Phrase Loop, the ME-25 is a dream for guitarists who want great sound and ease of use.

ME-25

GUITAR MULTIPLE EFFECTS
COSM USB AUDIO

Create Great Sounds Instantly!

■Get Great Sounds Fast with the
Onboard Sound Library

Select a performance category and a variation. That's it! These simple steps let you quickly find the perfect sound quickly. If you want to refine the tone, use the three dedicated knobs to tweak the sound you've selected.



Choose a Category

Select a Variation

EASY!
2 STEPSVisit the
BOSS website!

Librarian software and additional SOUND LIBRARY are downloadable!

▶▶▶ www.bosscorp.co.jp/sound/ME-25■Six Categories with 10 Variations Each
for a Total of 60 Powerful Sounds!

The Sound Library lets you find sounds intuitively. If you're looking for something ultra-heavy, for example, choose HEAVY and feel the power of ULTRA METAL!

CLEAN	CRUNCH	DRIVE	HEAVY	LEAD	EXTREME
1 Standard Clean	Bright Crunch	Tweed Drive	Heavy Metal	Blues Lead	Super HiGain
2 TWIN Clean	Warm Crunch	VO Drive	Pop Metal	Rock Lead	PdIBend +1oct
3 Warm Clean	Wild Crunch	MS Drive	Fat Metal	OD Lead	PdIBend -1oct
4 Comp Clean	Blues Crunch	Vintage Drive	Dark Metal	Metal Lead	Harmo Lead Am
5 Mellow Clean	VO Crunch	Double Drive	Power Metal	HiGain Lead	T-Wah Metal
6 Clean Chorus	MS Crunch	MS Screan	Ultra Metal	Latin Lead	Echo Delay
7 Clean Delay	Crunch Chorus	Hard Drive	Alternative Metal	Ballad Lead	Psyche Vibe
8 Clean Ch+Dly	Crunch Tremolo	Dist Drive	Core Metal	Chorus Lead	Heavy Reverb
9 Phase Clean	Crunch Wah	Fuzz Drive	Double Track	Wah Lead	Slice
10 Acoustic	Crunch Delay	Chorus Drive	Jet Flange	Octave Lead	Freeze

■Coveted Guitar Amps Onboard with
COSM Modeling

The ME-25 is loaded with COSM amps derived from the GT series. Distortion responds fluidly to picking dynamics, yielding an exceptional playing feel. Now available: ULTRA METAL, a new amp for crushing metallic sound!



COSM PREAMP	
CLEAN	MS VINTAGE
TWIN	MS MODERN
TWEED	5150 DRIVE
VO DRIVE	R-FIER
BG LEAD	ULTRA METAL

■Packed with BOSS's Best FX!

Enjoy world-class compressors, acoustic simulators, wah, overdrive/distortion effects derived from classic amps, modulation effects (including rotary, harmony, and octave), as well as an extensive range of delays and reverbs.

COMP/FX	MODERN	HARMONIST
COMP	METAL	OCTAVE
T.WAH	CORE	DELAY
AC SIM	FUZZ	1-99 ms
		100-999 ms
		1000-6000 ms
		TAP
OD/DS	MODULATION	REVERB
BOOST	CHORUS	ROOM
OD-1	PHASER	HALL
T-SCREAM	FLANGER	
BLUES	ROTARY	
DIST	UNI-V	
CLASSIC	TREMOLO	

■Powerful Pedal Effects!

In addition to wah and pitch bend effects, the ME-25 comes with "Freeze," a new effect that lets you sustain a tone indefinitely. You can freeze a chord, for example, and play a solo over it. Use this for maximum impact in live shows!

PEDAL FX			
WAH	+1 OCTAVE	-1 OCTAVE	FREEZE

■Ultimate Density with Super Stack

Massive lows and cabinet resonance that will make larger amps blush — Super Stack delivers ultra-heavy sounds from any amp, large or small.



■Solo Power Boost

Step on the Solo switch to instantly boost to your tone for solos. Make your presence felt onstage!

■Memory for 60 Original Sounds

Store your customized sounds in memory. During live performance, you can activate the sounds with simple pedal control.

■Dramatic
Phrase Looping

Layer phrases to create sound-on-sound loop performances up to 38 seconds!

■Perfect Tuning with the Chromatic
Tuner

Activate the built-in tuner with a simple pedal click. Just play your guitar; the tuner will display the note, and guide you to perfect tuning!



■Jam Along with Songs

You can connect external audio devices (MP3/CD players, etc.) to the AUX input and jam along with your favorite songs.

■Battery-Power Support

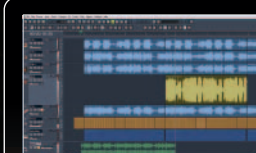
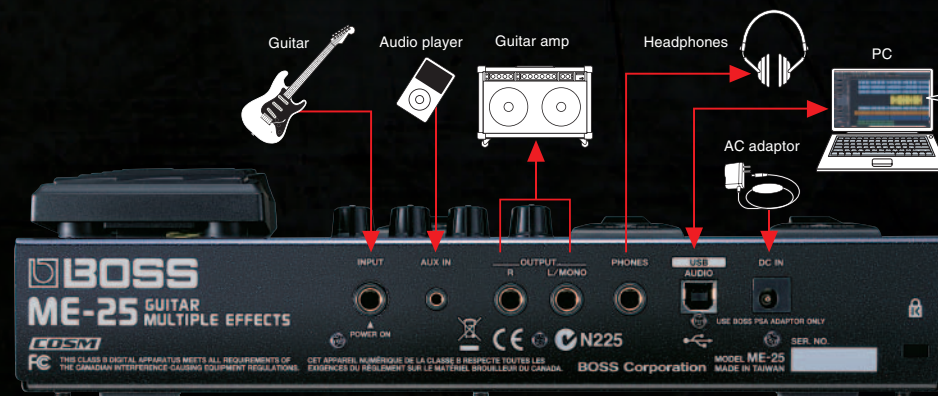
Set up and play anywhere on battery power (AA size), or plug in with an AC adaptor.*

* PSA series sold separately.

■USB Support Lets You Connect to a
Computer

The ME-25 can function as a USB audio interface.* Use it with a DAW program to record original songs or practice with backing tracks. You can also record songs with the authentic guitar sounds created with the ME-25.

* The ME-25's USB driver supports both Windows and Macintosh.

for Windows® 7,
Windows Vista®, Windows® XP

Bundled with SONAR 8.5 LE for PC
Record your ME-25 performances
directly into SONAR LE.

You can play back rhythm or backing tracks from SONAR LE and practice as if playing with a band.

Rhythm and Backing Tracks

The included DVD-ROM is loaded with audio files consisting of backing and rhythm tracks that are compatible with SONAR LE.

For details on SONAR 8.5 LE, visit www.roland.com

ME SERIES

Experience new levels of creative expression

You'll want to experiment with sounds as soon as you touch the ME-series. Create sounds intuitively and instantly with the easy-to-use knob controls and footswitches. These multifaceted processors provide a wide range of great effects to all guitarists and bassists.



ME-70 GUITAR MULTIPLE EFFECTS COSM

Stompbox Ease with Advanced COSM Creativity

■New COSM Preamp

The ME-70 comes equipped with a new COSM Preamp section derived from the GT-10 series, which models six types of guitar amps. In addition to their accurate sound, COSM Preamp models are beloved for their ability to convey picking nuances subtly and faithfully.



■Stombox Ease

It's powerful and potent, yet the ME-70 offers the ease of a stompbox. The simple knob-based controls for each effect section makes dialing in tone easier than ever, especially with the innovative EZ TONE feature. And when you want to kick in an effect, just step on one of the four footswitches. Think of it as an array of stompboxes melded into one convenient pedalboard.



■Phrase Looper with 38 Seconds of Recording Time

The ME-70 is equipped with a Phrase Looper that can capture and repeat phrases you play. With a maximum recording time of 38 seconds, it gives you the ability to dramatically express yourself onstage.



■Choose from a Variety of Expression-Pedal Effects

In addition to providing classic Wah, the ME-70's expression pedal lets you control effects such as +1 Octave and -1 Octave Pitch Bend, Voice, and Mod Rate.



■Other Features

- AUX IN allows jamming with a digital audio player
- Built-in tuner
- Battery or AC powered



■EFFECTS LIST

OD/DS BOOST NATURAL OD-1 BLUES DIST CLASSIC MODERN METAL CORE FUZZ	PREAMP/EQ CLEAN COMBO TWEED STACK LEAD STK R-FIER 4-BAND EQ	OCTAVE DELAY DELAY 1-99ms 100-990ms 1000-6000ms ANALOG MODULATE REVERSE CHO+DELAY MOMENTARY TAP PHRASE LOOP
COMP/FX COMP T.WAH UP T.WAH DOWN SLOW GEAR DEFRETTER Single ▶ Hum Hum ▶ Single SOLO	MODULATION CHORUS FLANGER ROTARY UNI-V TREMLOLO VIBRATO HARMONIST	REVERB ROOM HALL REVERB ROOM HALL REVERB ROOM HALL
COMP/FX COMP T.WAH UP T.WAH DOWN SLOW GEAR DEFRETTER Single ▶ Hum Hum ▶ Single SOLO	MODULATION CHORUS FLANGER ROTARY UNI-V TREMLOLO VIBRATO HARMONIST	REVERB ROOM HALL REVERB ROOM HALL REVERB ROOM HALL



ME-50B BASS MULTIPLE EFFECTS COSM



World-Class Tone with Essential Bass Effects

■Powerful COSM Compressor/Limiter and EQ

The ME-50B's compressor/limiter uses advanced COSM modeling, including "Natural" compression for a tight, punchy tone. 3-band EQ with sweepable mids is also provided.

■Get Creative with Filter/Tone and Drive/Synth Features

The ME-50B includes a variety of unique effects designed for bass, such as Octave Up, T-Wah, and Defretter for instant fretless sounds. Muff Fuzz, Bass Driver, and Metal provide a colorful range of overdriven/distorted sounds. Four types of Synth Bass sounds are included as well.

■High-Quality Delay/Modulation and Powerful Pedal FX

- 11 types of Delay/Modulation
- Pedal effects with sound-on-sound looping
- 24 custom sounds can be stored
- Convenient tuner function onboard
- Runs on battery power or optional AC adaptor

■EFFECTS LIST

COMPRESSOR/LIMITER NATURAL LIMITER 1600 SOFT 1600 HARD D-COMP	FILTER/TONE T.WAH UP T.WAH DOWN T.WAH EDGE OCTAVE UP OCTAVE DOWN SLOW GEAR DEFRETTER ENHANCER BOTTOM BOOST MID SHAPE HOLLOW	DRIVE NATURAL BASS DRIVER OVER DRIVE DISTORTION MUFF FUZZ METAL HI-BAND DRIVE SYNTH SAW LEAD MILD FILTER DEEP FILTER SQUARE	DELAY/MODULATION J TAP DLY HOLD DLY ANALOG DLY 0-400 ms DLY 300-1400 ms DLY PHASER FLANGER CHORUS CHO+DELAY CHO+REVERB REVERB	PEDAL FOOT VOLUME WAH RESONANCE +1 OCTAVE -1 OCTAVE SOUND HOLD KICK DRUM SQUARE
--	--	---	--	---

ME-20B BASS MULTIPLE EFFECTS



Performance-Based Effects for Bass

■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.

■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.

■Other Features

- 30 user memory locations
- AUX IN allows jamming with a digital audio player
- Battery or AC powered
- Built-in tuner

■EFFECTS LIST

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

eBand

The Ultimate Jam-Along Companion for Guitarists

If you enjoy playing along with your favorite songs, the ultimate musical companion has arrived. eBand lets you load and play WAV and MP3 files, and change the tempo and pitch. Plug in your guitar and play along using the onboard COSM preamp and BOSS effects. Minimize pre-recorded vocals or guitar parts with Center Cancel, and record and save your jams. There's even a library of backing tracks and rhythms, plus a built-in tuner and metronome.

Plug in

Choose the song

Play



eBand JS-8

AUDIO PLAYER with GUITAR EFFECTS

COSM GRACENOTE USB AUDIO USB MEMORY MP3 SD Memory Card Included

Jam with Your Own Backing Band! A Guitar and a Cable Is All You Need to Play with eBand

A New-Concept Audio Player for Guitarists

For practice and performance, eBand makes the experience more enjoyable and real. With eBand you can enjoy playing your guitar along with MP3 and WAV files stored on an SD card.

Save Up to 4,000 Songs for Playback

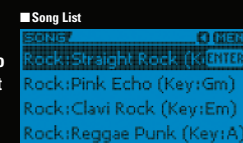
With support for SDHC memory cards of up to 32GB storage capacity, eBand gives you instant access to approximately 4,000 music files. Include all your favorite songs and enjoy jamming along.

Import Audio CD Tracks from Your PC

eBand comes with a Song List Editor program. Connect eBand to your PC via USB and rip files from your audio CD. Song List Editor automatically extracts info such as artist name and song title (supports Gracenote® Music ID), which will show on eBand's display.

Speedy Access to a Huge Library of Songs

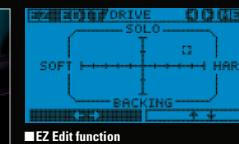
eBand's search feature lets you quickly find songs with its user-definable search criteria. It also comes with a "Best 30" function that gives you instant access to your favorites.



High-quality BOSS Effects Onboard! eBand Gives Guitarists a New Way to Learn and Play

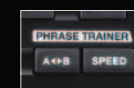
World-Class Guitar and Bass Effects Derived from BOSS's Acclaimed GT-10

Experience first-class guitar and bass tones using 42 types of COSM amps and BOSS effects. Choose from the library of great presets or create your own with the EZ Edit function. You can also save your effects settings with each song.



AB Repeat and Variable Speed Are Great Practice Tools

The AB Repeat function lets you repeat a portion of a song over and over. The Variable Speed function varies the playback tempo without changing the pitch. There's also a Variable Pitch function that lets you transpose the key signature of the original song.



Useful Features for Practicing Guitar

You can record as you play along with your songs, and check your performance afterward. Use the Center Cancel function to reduce pre-recorded guitar parts so you can play along as if you're in the band!

Built-in Tuner and Metronome

eBand has a built-in chromatic tuner that makes tuning your guitar a snap. It also has a metronome for developing a solid sense of time. eBand is your all-in-one partner for practicing guitar effectively.

External Enhancements with AUX In and USB

Play Audio Files Directly from USB Stick

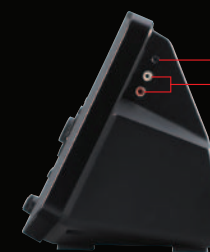
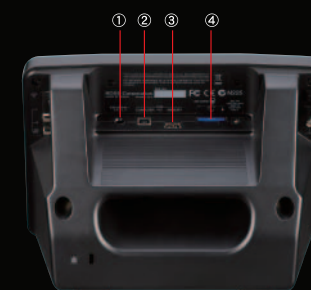
Drag and drop your favorite play-along songs from your PC / Mac to a USB flash memory, then plug it into eBand's USB port. eBand lets you access and play the songs directly from the USB stick — fast and convenient!

Use eBand As a DAW Audio Interface

eBand also functions as a USB audio interface, which means you can record authentic guitar tones directly to your DAW program on your PC / Mac.

More Fun with External Input

eBand's AUX In jack lets you connect an audio player for playing back and recording external audio along with your guitar performance. And not just for guitarists — eBand also lets you connect a microphone for vocal sing-along and practice sessions.



Stereo speakers specially tuned for guitar.

- ① Footswitch / Expression Pedal
- ② USB Computer Connector
- ③ USB Memory Connector
- ④ SD CARD Connector
- ⑤ AUX IN Jack
- ⑥ LINE OUT Jacks
- ⑦ Guitar / Mic Input Jack
- ⑧ Headphone Jack

BR SERIES

The Ultimate Micro Studio for Guitarists

Tap into the MICRO BR BR-80's three modes for creating, recording, and performing your music. Instantly record a phrase with Live Rec mode. Import the phrase into MTR mode and build a song. Once the song is complete, play it back in eBand mode and jam along. All three modes work together seamlessly to transform your ideas into reality. This is the ultimate multi-use tool for guitarists and bassists.

MICRO BR BR-80

DIGITAL RECORDER

COSM eBand ASIO VSTi

USB AUDIO BATTERY POWER ISO Memory Card Included



- ① DC IN Jack
- ② USB Connector
- ③ PHONES / LINE OUT Jack (Stereo)
- ④ GUITAR / MIC IN Jack
- ⑤ LINE IN Jack (Stereo)

Jamming

[eBand mode]



Store Up to 4,000 Songs on an SD Card, Practice and Jam Along

You can import MP3 or WAV files of your favorite songs to practice with. A custom software app is included for importing music CDs from a PC or Mac. You can also display the song title*. The "Best 30" function lets you instantly access your favorite songs.

* Supports Gracenote® Music ID.

Record

[LIVE REC mode]



Simple Operations Let You Record Instantly When Inspiration Strikes

For instant capture, simply press the Live Rec button, and never lose a great song idea again. Choose between MP3 and WAV formats for recording.

Compose

[MTR mode]



64 V-Tracks with Support for 8-track Simultaneous Playback

The MICRO BR BR-80 packs 64 V-Tracks into its compact body. It supports simultaneous playback of eight tracks plus an independent rhythm track with a wide range of built-in rhythm patterns. Additionally, a diverse lineup of effects for guitars and vocals are onboard for spicing up your productions.

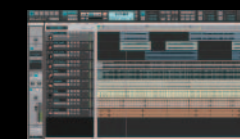
Extensive Range of Multi-effects for Specific Instruments

- With built-in COSM amps and effects that are widely popular around the world, the BR-80 lets electric guitar and bass players create authentic and expressive sounds
- COSM body modeling delivers natural and rich tones for electric and acoustic guitars
- The BR-80's vocal effects are directly inherited from the VE-20
- Onboard mastering effects for polishing your mixes



Compatible with PC-based Music Production

- USB audio interface onboard. You can digitally transfer the dynamic guitar sounds and vocals that you produce with the BR-80 directly to your PC or Mac
- Import and export audio files between the BR-80 and your PC or Mac via USB*
- Bundled with SONAR X1 LE software for producing music on your PC

* Bundled with BR Wave Converter software.


for Windows® 7, Windows Vista®, Windows® XP

* For details on SONAR X1 LE, visit www.cakewalk.com

Options

BA-BR80S

Silicone Case/Pouch Set for BR-80



BA-PC15

Earphones/Guitar Cable Set



Use eBand Mode for Phrase Training and Play-along Sessions

Diverse Range of Built-in Backing Files

Over 300 types of backing and rhythm files are onboard, which can be used as realistic backing track for your songs. They're also useful as backing patterns for practice sessions.

Playback Functions for Practice and Performance

Use the Center Cancel function to minimize the guitar or main vocal parts from pre-recorded songs. You can also change the playback tempo without changing the pitch — very useful for practicing solos and fast passages. There's also a function for changing pitch, as well as AB Repeat for repeating a specific section of the song.

This Is a Handy Tool for Recording Your Band Performances, as well as Phrases and Ideas

Equipped with a High-quality Stereo Condenser Mic

Thanks to the built-in stereo microphone, you can instantly record vocals, acoustic guitars, or the entire band. The BR-80 accepts SDHC cards up to 32GB for long recordings.



With Support for 3 ways of Power, You Can Use It Anywhere

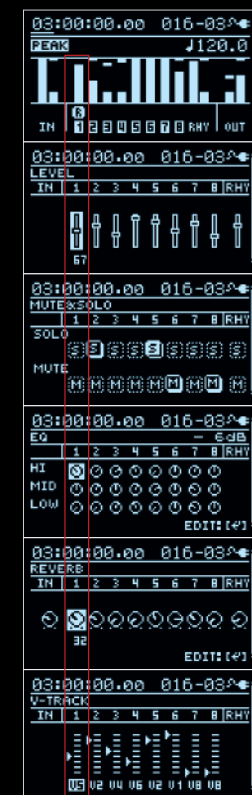
Ultra-compact and ready to travel, the BR-80 is a guitarist's dream. It supports three types of power sources — size-AA batteries, AC adaptor*, and USB bus power from your computer — so you can use it anywhere.

* PSA series sold separately.

Create Fully Produced Songs

Operating Environment Designed for Ease of Use

The BR-80 features a large display that provides a large amount of information, including level meters for eight tracks on a single screen. You'll also find easy-to-use dedicated buttons and rotary encoder to ensure a speedy workflow. Its compact body is equipped with full-fledged MTR operations, including a mixer screen that displays all parameters for a single track.



Mixer screen
Check all settings for a single track with simple scrolling.

DR&DB SERIES

Essential Session & Practice Partners

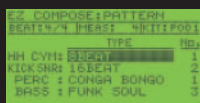
BOSS's famous Dr. Beat and Dr. Rhythm series live on with a new line that's more compact and powerful than ever before. Whether your needs are for simple, play-along timekeeping or full-blown rhythm programming, the world's best tools are right here.

DR-880

Dr. Rhythm COSM TSG USB

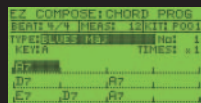
World's Best Rhythm Machine

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.



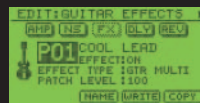
EZ compose (Pattern)

You can create your own backing rhythms by simply selecting preset patterns for each instrument.



EZ compose (Chord Progression)

Realistic bass phrases can be easily created with chord progression templates.



Guitar Effects

Various types of guitar effects are included, such as powerful COSM amps, and acoustic and bass guitar effects.



DR-3

Dr. Rhythm TSG

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.



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. Beat

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. Beat

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.

OTHER EQUIPMENT

Essential Tools for The Working Musician



*Compact pedals and tuner are not included.

BCB-60

Pedal Board

- Lightweight and tough pedal board for transporting a range of compact pedals and effects
- Padded interior can be customized to fit anything from a compact pedal to Twin Pedal
- Onboard AC adaptor for powering up to 7 devices; includes all cabling



*Compact pedals are not included.

BCB-30

Pedal Board

- Holds up to three BOSS compact pedals
- Comes with audio cables for connection between pedals
- Comes with parallel DC cord to power three compact pedals (with optional AC adaptor: PSA-series)



Parallel DC cord



Audio cables



BA-CB3

Carrying Bag

- Ideal for transporting BOSS products such as the GT-10, GT-10B and BR-1200CD
- Features internal compartments for power adaptors and cables, a shoulder strap and hand-carry handles



BA-CB1

Gig Bag

- Perfectly sized for BOSS gears such as the ME-70, ME-25, ME-50B, ME-20B and BR-800
- Features handles, side compartments, a shoulder strap, and internal cushioning



*BR-80 is not included.

BA-BR80S

Silicone Case/Pouch Set for BR-80

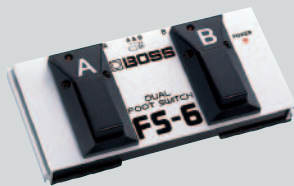
- Made of soft silicone rubber, this case guards against dirt and scratches, and keeps the MICRO BR BR-80 from slipping on smooth surfaces
- Cushion-lined to absorb impact



BA-PC15

Earphones/Guitar Cable Set

- Two essential items for MICRO BR BR-80 owners for recording on the go: high-quality in-ear stereo headphones and a 5" guitar cable with gold-plated connectors



FS-6

Dual Footswitch

- Combines latch- and momentary-type switching into one unit
- Each footswitch can be assigned latch- or momentary-type
- Can be connected to other footswitches (FS-5L/FS-5U/FS-6/AB-2) for extension



AB-2

2-way Selector

- Affordable A/B selector with 1-click operation and silent switching
- 2-way selector for using A/B input with one output, or vice-versa
- Instantly change guitars, effects setups or amplifiers, or switch between an amp and tuner



FS-5U

Footswitch

- A metal-cased momentary "unlatch"-type footswitch
- Can be connected using an ordinary guitar cable



FS-5L

Footswitch

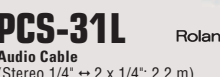
- A metal-cased latch-type footswitch with a LED to indicate status
- Can be connected with a standard guitar cable



PCS-20A

8-pin Parallel DC Cable (8 x DC Plug; 1 m)

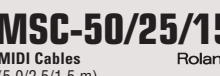
Roland



PCS-31L

Audio Cable (Stereo 1/4" ↔ 2 x 1/4"; 2.2 m)

Roland



MSC-50/25/15

MIDI Cables (5.0/2.5/1.5 m)

Roland

PSA-series

AC Adaptor



EV-5

Expression Pedal

- Can be used to control a range of functions and effects parameters in real time
- Compact, travel-friendly body fits perfectly onto guitar pedalboards

Roland



DI-1

Direct Box

- High-quality direct box with crystal-clear sound for transforming high-impedance, unbalanced instrument outputs to the low-impedance, balanced inputs of a mixing console



RH-300

Stereo Headphones

- Roland's top-of-the-line headphones for the ultimate in sound quality
- Newly developed driver provides ultra-wide frequency range
- Snug fit shuts out external sound

Roland

SPECIFICATIONS

COMPACT SERIES

[Compact Pedal Effects Specifications]

- Nominal Input Level -20 dBu
- Nominal Output Level -20 dBu
- Power Supply DC 9 V: Dry Battery <6F22/6LR61 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 (depending on the model) 400 to 450 g/15 oz to 1 lb
- Accessory Dry Battery
- Option AC Adaptor (PSA series)

SD-1

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

OD-3

- Controls LEVEL, 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 (OD, OS)
- Current Draw 12 mA (DC 9 V)

DN-2

- Controls LEVEL, TONE, DRIVE
- Current Draw 36 mA (DC 9 V)

DS-1

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

DS-2

- Controls LEVEL, TONE, DIST, TURBO [I, II (REMOTE)]
- Current Draw 12 mA (DC 9 V)

MD-2

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

ST-2

- Controls LEVEL, BASS, TREBLE, SOUND (CRUNCH-DRIVE-ULTRA)
- Current Draw 36 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, MODE, FUZZ
- Current Draw 36 mA (DC 9 V)

ODB-3

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

CS-3

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

GE-7

- Controls Equalizer Control Sliders (100 Hz, 200 Hz, 400 Hz, 800 Hz, 1.6 kHz, 3.2 kHz, 6.4 kHz), LEVEL
- Current Draw 10 mA (DC 9 V)

GEB-7

- 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

- Controls LEVEL, REVERB, BODY, TOP, MODE (STANDARD, JUMBO, ENHANCE, PIEZO)
- Current Draw 39 mA (DC 9 V)

CE-5

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

CH-1

- Controls E.LEVEL, EQ, RATE, DEPTH
- Current Draw 22 mA (DC 9 V)

CEB-3

- Controls 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)

OC-3

- Controls DIRECT LEVEL, OCT 1 LEVEL, CONTROL (RANGE, OCT2, DRIVE), MODE (POLY, OCT2, DRIVE)
- Current Draw 50 mA (DC 9 V)

TR-2

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

BF-3

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

PH-3

- 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, F.BACK, D.TIME, MODE (HOLD, L.800ms, M.200ms, S.50ms)
- Current Draw 35mA (DC 9 V)

DD-7

- Controls E.LEVEL, F.BACK, D.TIME, MODE (3200ms, 800ms, 200ms, 50ms, HOLD, MODULATE, ANALOG, REVERSE)
- Current Draw 55 mA (DC 9 V)

PS-6

- Controls BALANCE/RISE TIME, SHIFT/HARMONY, KEY/FALL TIME, MODE
- Current Draw 45 mA (DC 9 V)

RV-5

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

LMB-3

- Controls LEVEL, ENHANCE, RATIO, THSHD (Threshold)
- Current Draw 17 mA (DC 9 V)

SYB-5

- Controls EFFECT, DIRECT, FREQ, RES, DECAY/RATE, MODE
- 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)

FOOT PEDAL

PW-10

- Nominal Input Level -20 dBu
- Nominal Output Level -20 dBu
- Power Supply DC 9 V: Dry Battery <R6/LR6 (AA) type> x 6, AC Adaptor (PSA series: Optional)
- Current Draw 55 mA
- 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)
- Accessories Dry Battery <LR6 (AA) type> x 6
- Option AC Adaptor (PSA series)

FV-500H

- Control MINIMUM VOLUME Knob
- Dimensions 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-500L

- Control MINIMUM VOLUME Knob
- Dimensions 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

- Control 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/15 oz

FV-50L

- Control 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/15 oz

LEGEND SERIES

[Legend Series Specifications]

- Nominal Input Level -20 dBu
- Nominal Output Level -20 dBu
- Power Supply DC 9 V: Dry Battery <6F22/6LR61 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")
- Accessory Dry Battery
- Option AC Adaptor (PSA series)

FBM-1

- Controls PRESENCE, MIDDLE, BASS, TREBLE, GAIN, LEVEL
- Current Draw 36 mA
- Weight 440 g/1 lb (incl. battery)

FDR-1

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

FRV-1

- Controls MIXER, TONE, DWELL
- Current Draw 37 mA
- Weight 420 g/15 oz (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 2-1/4")

DD-20

- Memories 4
- 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
- Current Draw 200 mA
- Weight 1.2 kg/2 lbs 11 oz (incl. batteries)
- Accessories Dry Battery <LR6 (AA) type> x 6
- Option AC Adaptor (PSA series)

RE-20

- Nominal Input Level -20 dBu (INPUT VOLUME knob: center), max +4 dBu
- Nominal Output Level -20 dBu
- Current Draw 75 mA
- Weight 1.2 kg/2 lbs 11 oz (incl. batteries)
- Accessories Dry Battery <R6 (AA) type> x 6
- Options AC Adaptor (PSA series), Expression Pedal (Roland EV-5)

SL-20

- Nominal Input Level -20 dBu
- Nominal Output Level -20 dBu
- Current Draw 110 mA
- Weight 1.1 kg/2 lbs 7 oz (incl. batteries)
- Accessories Dry Battery <R6 (AA) type> x 6
- Options AC Adaptor (PSA-series), Expression Pedal (Roland EV-5)

RT-20

- Nominal Input Level -20 dBu
- Current Draw 85 mA
- Weight 1.1 kg/2 lbs 7 oz (incl. batteries)
- Accessories Dry Battery <R6 (AA) type> x 6
- Option AC Adaptor (PSA series)

VE-20

- Nominal Input Level -40 dBu (Mic Sens = 40)
- Nominal Output Level -40 dBu, PHONES/LINE: -25 dBu
- Memory Sound 30 (Preset) + 50 (User)
- Current Draw 190 mA
- Weight 1.1 kg/2 lbs 7 oz (incl. batteries)
- Accessories Dry Battery <LR6 (AA) type> x 6
- Option AC Adaptor (PSA series)



•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 AD and DA converters.

SPECIFICATIONS

TU SERIES

TU-1000 12

● **Reference Pitch** A4 = 436 to 445 Hz (1 Hz step) ● **Tuning Range** C0 (16.35 Hz) to C8 (4,186.0 Hz) ● **Tuning Accuracy** ±1 cent ● **Power Supply** DC 9 V: AC Adaptor (Roland PSB-1U) ● **Current Draw** 350 mA ● **Dimensions** 414 (W) x 160 (D) x 61 (H) mm (16-5/16" x 6-5/16" x 2-7/16") ● **Weight** 2.2 kg/4 lbs 14 oz (excl. AC Adaptor) ● **Accessories** AC Adaptor (Roland PSB-1U), 7-pin Parallel DC Cord

TU-12EX 12

● **Reference Pitch** A4 = 438 to 445 Hz ● **Tuning Range** E0 (20.6 Hz) to C8 (4,186.0 Hz) ● **Tuning Accuracy** ±1 cent ● **Power Supply** DC 3 V: Dry Battery <R03/LR03 (AAA) type> x 2, DC 9 V: AC Adaptor (PSA series: Optional) ● **Current Draw** 12 mA ● **Dimensions** 148 (W) x 54 (D) x 24 (H) mm (5-13/16" x 2-1/8" x 1") ● **Weight** 138 g/5 oz ● **Accessories** Dry Battery <R03 (AAA) type> x 2, Soft Case

TU-12BW 12

● **Reference Pitch** A4 = 438 to 445 Hz ● **Tuning Range** E0 (20.6 Hz) to C8 (4,186.0 Hz) ● **Tuning Accuracy** ±1 cent ● **Power Supply** DC 3 V: Dry Battery <R03/LR03 (AAA) type> x 2, DC 9 V: AC adaptor (PSA series: Optional) ● **Current Draw** 12 mA ● **Dimensions** 148 (W) x 54 (D) x 24 (H) mm (5-13/16" x 2-1/8" x 1") ● **Weight** 205 g/8 oz ● **Accessories** Dry Battery <R03 (AAA) type> x 2, Piezo Microphone, Soft Case, Holder

TU-88 12

● **Reference Pitch** A4 = 435 to 446 Hz ● **Tuning Range** E0 (20.6 Hz) to C8 (4,186.0 Hz) ● **Tuning Accuracy** ±1 cent ● **Power Supply** DC 9 V: Dry Battery <6F22/6LR61 type>, AC Adaptor (PSA series: Optional) ● **Current Draw** 30 mA ● **Dimensions** 140 (W) x 80 (D) x 30 (H) mm (5-9/16" x 3-3/16" x 1-3/16") ● **Weight** 190 g/7 oz (incl. battery) ● **Accessory** Dry Battery <6F22 type>

TU-3 7-13

● **Reference Pitch** A4 = 436 to 445 Hz (1Hz step) ● **Tuning Range** C0 (16.35Hz) to C8 (4,186.0 Hz) ● **Power Supply** DC 9 V: Dry Battery <6F22/6LR61 type>, AC Adaptor (PSA series: Optional) ● **Current Draw** 30 mA (High Brightness mode: 85 mA) ● **Dimensions** 140 (W) x 129 (D) x 59 (H) mm (2-7/8" x 5-1/8" x 2-3/8") ● **Weight** 390 g/14 oz (incl. battery) ● **Accessory** Dry Battery <6F22 type>

TU-80 13

● **Reference Pitch** A4 = 435 to 446 Hz (1 Hz step) ● **Tuning Range** E0 (20.6 Hz) to C8 (4,186.0 Hz) ● **Power Supply** Dry Battery <R6/LR6 (AA) type> x 2 ● **Current Draw** 3 mA (Metronome mode), 8 mA (Tuner mode) ● **Dimensions** 122 (W) x 68 (D) x 21 (H) mm (4-13/16" x 2-11/16" x 7/8") ● **Weight** 117 g/ 5 oz (incl. batteries) ● **Accessories** Dry Battery <R6 (AA) type> x 2

AD SERIES

AD-8 13

● **Nominal Input Level** -20 dBu ● **Nominal Output Level** -20 dBu ● **Tuner Reference Pitch** A4 = 438 to 445 Hz (1 Hz Step) ● **Tuning Accuracy** ±3 cents ● **Power Supply** DC 9 V: Dry Battery <R6/LR6 (AA) type> x 6, AC Adaptor (PSA series: Optional) ● **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 (incl. batteries) ● **Accessories** Dry Battery <R6 (AA) type> x 6 ● **Option** AC Adaptor (PSA series)

AD-3 13

● **Nominal Input Level** -10 dBu ● **Nominal Output Level** -10 dBu ● **Power Supply** DC 9 V: Dry Battery <R6/LR6 (AA) type> x 6, AC Adaptor (PSA series: Optional) ● **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) ● **Accessories** Dry Battery <LR6 (AA) type> x 6 ● **Option** AC Adaptor (PSA series)

LOOP STATION

RC-30 10-14-15

● **Nominal Input Level** MIC IN: -40 dBu (variable), INST IN: -20 dBu, AUX IN: -10 dBu ● **Nominal Output Level** -20 dBu ● **Recording/Playback** Maximum Recording Time: Approximately 3 hours, Maximum Phrase Memory: 99 phrases, Number of tracks: 2, Data Format: WAV (44.1 kHz, 16-bit linear, stereo) ● **USB Interface** Hi-Speed USB mass storage device class ● **Power Supply** DC 9 V: Dry Battery <R6/LR6 (AA) type> x 6, AC Adaptor (PSA series: Optional) * Rechargeable Ni-MH batteries cannot be used. ● **Current Draw** Maximum 195 mA (DC 9 V) ● **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 ● **Options** AC Adaptor (PSA series), Footswitch (FS-U5, FS-6)

RC-3 7-14-15

● **Nominal Input Level** INPUT: -20 dBu, AUX IN: -10 dBu ● **Nominal Output Level** -20 dBu ● **Recording/Playback** Maximum Recording Time: Approximately 3 hours, Maximum Phrase Memory: 99 phrases, Number of tracks: 1, Data Format: WAV (44.1 kHz, 16-bit linear, stereo) ● **USB Interface** Hi-Speed USB mass storage device class ● **Power Supply** DC 9 V: <6LR61 type>, AC Adaptor (PSA series: Optional) * Rechargeable Ni-MH batteries cannot be used. ● **Current Draw** 70 mA (DC 9 V) ● **Dimensions** 73 (W) x 129 (D) x 59 (H) mm (2-7/8" x 5-1/8" x 2-3/8") ● **Weight** 450 g/1 lb (incl. battery) ● **Accessory** Dry battery <6LR61 type> ● **Options** AC Adaptor (PSA series), Footswitch (FS-U5, FS-6)

GT SERIES

GT-10 18

● **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 M Ω , RETURN: 220 k Ω ● **Nominal Output Level** OUTPUT: -10 dBu / +4 dBu, SEND: -10 dBu, SUB OUTPUT: +4 dBu ● **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 ● **Accessory** AC Adaptor (Roland PSB-1U) ● **Options** Footswitch (FS-U5, FS-6), Footswitch Cable (Roland PCS-31L) ● **System Requirements (USB Connection)** Please refer to the BOSS website www.boss.info

GT-10B 19

● **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 M Ω , RETURN: 220 k Ω ● **Nominal Output Level** OUTPUT: -10 dBu / +4 dBu, SEND: -10 dBu, SUB OUTPUT: +4 dBu ● **Dynamic Range** 100 dB or greater (IHF-A) ● **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 ● **Accessory** AC Adaptor (Roland PSB-1U) ● **Options** Footswitch (FS-U5, FS-6), Footswitch Cable (Roland PCS-31L) ● **System Requirements (USB Connection)** Please refer to the BOSS website www.boss.info

GT-10B 19

● **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 M Ω , RETURN: 220 k Ω ● **Nominal Output Level** OUTPUT: -10 dBu / +4 dBu, SEND: -10 dBu, SUB OUTPUT: +4 dBu ● **Dynamic Range** 100 dB or greater (IHF-A) ● **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 ● **Accessory** AC Adaptor (Roland PSB-1U) ● **Options** Footswitch (FS-U5, FS-6), Footswitch Cable (Roland PCS-31L) ● **System Requirements (USB Connection)** Please refer to the BOSS website www.boss.info

ME SERIES

ME-25 20-21

● **AD Conversion** 24-bit + AF method* ● **DA Conversion** 24-bit ● **Sampling Frequency** 44.1 kHz ● **Memory** 60 ● **Sound Library** 60 ● **Nominal Input Level** INPUT: -10 dBu, AUX IN: -18 dBu ● **Input Impedance** INPUT: 1 M Ω , AUX IN: 22 k Ω ● **Nominal Output Level** -10 dBu ● **Output Impedance** 2 k Ω ● **Power Supply** DC 9 V: Dry Battery <R6/LR6 (AA) type> x 6, AC Adaptor (PSA series: Optional) ● **Current Draw** 150 mA ● **Dimensions** 300 (W) x 191 (D) x 72 (H) mm, (11-13/16" x 7-9/16" x 2-7/8"), Maximum height: 300 (W) x 191 (D) x 93 (H) mm, (11-13/16" x 7-9/16" x 3-11/16") ● **Weight** 1.9 kg/ 4 lbs 4 oz ● **Accessories** ME-25 DVD-ROM, Dry Battery <LR6 (AA) type> x 6 ● **Options** AC Adaptor (PSA series) ● **System Requirements (USB Connection)** Please refer to the BOSS website www.boss.info

ME-70 22

● **AD Conversion** 24-bit + AF method* ● **DA Conversion** 24-bit ● **Sampling Frequency** 44.1 kHz ● **Patch** 36 (User) + 36 (Preset) ● **Nominal Input Level** GUITAR INPUT: -10 dBu, AUX IN: -18 dBu ● **Input Impedance** GUITAR INPUT: 1 M Ω , AUX IN: 22 k Ω ● **Nominal Output Level** -10 dBu ● **Output Impedance** 2 k Ω ● **Power Supply** DC 9 V: Dry Battery <R6/LR6 (AA) type> x 6, AC Adaptor (PSA series: Optional) ● **Current Draw** 130 mA ● **Dimensions** 384 (W) x 229 (D) x 74 (H) mm (15-1/8" x 9-1/16" x 2-15/16"), Maximum height: 384 (W) x 229 (D) x 100 (H) mm (15-1/8" x 9-1/16" x 3-15/16") ● **Weight** 3.5 kg/ 7 lbs 12 oz (incl. batteries) ● **Accessories** Dry Battery <LR6 (AA) type> x 6 ● **Options** AC Adaptor (PSA series), Footswitch (FS-5U, FS-6), Footswitch Cable (Roland PCS-31L)

ME-50B 23

● **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** INPUT: 1 M Ω , AUX IN: 100 k Ω ● **Nominal Output Level** -10 dBu ● **Output Impedance** 2 k Ω ● **Power Supply** DC 9 V: Dry Battery <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** 3.2 kg/7 lbs (incl. batteries) ● **Accessories** Dry Battery <LR6 (AA) type> x 6 ● **Options** AC Adaptor (PSA series), Footswitch (FS-U5, FS-6), Footswitch Cable (Roland PCS-31L)

ME-20B 23

● **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 M Ω , AUX IN: 22 k Ω ● **Nominal Output Level** -10 dBu ● **Output Impedance** 2 k Ω ● **Power Supply** DC 9 V: Dry Battery <LR6/LR6 (AA) type> x 6, AC Adaptor (PSA series: Optional) ● **Current Draw** 90 mA ● **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) ● **Accessories** Dry Battery <LR6 (AA) type> x 6 ● **Options** AC Adaptor (PSA series), Footswitch (FS-U5, FS-6), Footswitch Cable (Roland PCS-31L)

eBand

JS-8

● **Compatible Card Capacity** SD Memory Card: 128 MB to 2 GB, SDHC Memory Card: 4 GB to 32 GB ● **Data Type** JS-8 Songs (Recording/Playback), MP3 (Bit Rate: 64 kbps to 320 kbps, playback only), WAV (Quantization Bit Rate: 8/16/24-bit, playback only) ● **External Memory** USB Flash Memory ● **AD Conversion** 24-bit + AF method* (GUITAR/MIC IN), 24-bit (AUX IN) ● **DA Conversion** 24-bit ● **Sampling Frequency** 44.1 kHz ● **Effect Patch Memories** Preset= 130, User= 100 ● **Recording Time** JS-8 Songs= 250 min. (1 GB), 8,060 min. (32 GB), WAV/16-bit/Stereo= 90 min. (1 GB), 3,020 min. (32 GB), MP3/128 kbps/Stereo=1,040 min. (1 GB), 33,330 min. (32 GB) * The above-listed capacities are approximate. Times may be slightly shorter depending on the number of songs that were created. ● **Nominal Input Level** GUITAR/MIC IN= -20 dBu (INPUT GAIN=GUITAR), -32 dBu (INPUT GAIN=MIC), AUX IN= -15 dBu ● **Nominal Output Level** PHONES= -10 dBu, LINE OUT= -10 dBu ● **USB** Supports file transfer (mass storage class) and audio ● **Current Draw** 400 mA ● **Dimensions** 264 (W) x 166 (D) x 201 (H) mm, (10-7/16" x 6-9/16" x 7-15/16") ● **Weight** 1.7 kg/3 lbs 12 oz ● **Accessories** AC Adaptor (Roland PSB-1U), SD Memory Card, USB Cable ● **Options** Footswitch (FS-U5, FS-6), Expression Pedal (Roland EV-5), Footswitch Cable (Roland PCS-31L) ● **System Requirements (USB Connection)** Please refer to the BOSS website www.boss.info

BR SERIES

MICRO BR BR-80 26-27

● **Tracks** <MTR Mode> Tracks: 8, Simultaneously recording track: 2, V-Track: 64 (8 V-Tracks per each Track) <eBand Mode> Tracks: 2 (stereo), Simultaneously recording track: 2 (stereo) <LIVE REC Mode> Tracks: 2 (stereo), Simultaneously recording track: 2 (stereo) * Either the playback or the recording. ● **Recording Media** SD Memory Card: 1 GB to 2 GB, SDHC Memory Card: 4 GB to 32 GB ● **Data Type** <MTR Mode> Linear (Bit Depth: 16-bit) <eBand Mode> eBand Songs (Recording/Playback), WAV (Bit Depth: 16-bit, Playback only), MP3 (Bit Rates: 64 kbps to 320 kbps, Playback only) <LIVE REC Mode> WAV (Bit Depth: 16-bit, Recording/Playback), MP3 (Bit Rates: 64 kbps to 320 kbps, Recording/Playback) ● **AD Conversion** 24-bit ● **DA Conversion** 24-bit ● **Sample Rate** 44.1 kHz ● **Recording Time (conversion in one track)** <MTR Mode> 1 GB: 3 hours, 32 GB: 100 hours <eBand Mode> [eBand Song] 1 GB: 4 hours, 32 GB: 130 hours <eBand Mode/ LIVE REC Mode> [WAV 16-bit, stereo] 1 GB: 1.5 hours, 32 GB: 50 hours [MP3 128 kbps, stereo] 1 GB: 16 hours, 32 GB: 550 hours * The above-listed recording times are approximate. Times may be slightly shorter depending on the number of songs that were created. * The above number of the MTR mode is the total for all the tracks that are used. If each of the eight tracks contain an equal amount of data, the length of the resulting song will be approximately 1/8 of the above. ● **Nominal Input Level** GUITAR/MIC IN jack: -20 dBu (GUITAR/MIC SW = GUITAR), -40 dBu (GUITAR/MIC SW = MIC), LINE IN jack: -10 dBu ● **Input Impedance** GUITAR/MIC IN jack: 1 M Ω (GUITAR/MIC SW = GUITAR), 6 k Ω (GUITAR/MIC SW = MIC), LINE IN jack: 10 k Ω ● **Nominal Output Level** PHONES/LINE OUT jack: -14 dBu ● **Output Impedance** PHONES/LINE OUT jack: 22 Ω ● **USB Functions** 24-bit/44.1 kHz USB-AUDIO (Hi-Speed USB), USB Mass Storage Class (Hi-Speed USB), BUS Power operation ● **Power Supply** DC 9 V: AC Adaptor (PSA series: Optional), Dry battery <LR6 (AA) type> x 2, Rechargeable Ni-MH battery <HR6 (AA) type> x 2, or USB Bus Power ● **Current Draw** 130 mA (DC IN) * Alkaline dry cell batteries: Approximately 6 hours (with continuous playback of 8 tracks, power save function) * May vary according to usage conditions, batteries used, and type of SD Memory card used. ● **Dimensions** 138 (W) x 86 (D) x 22 (H) mm (5-7/16" x 3-7/16" x 7/8") ● **Weight** 140 g/5 oz ● **Accessories** SD Memory Card, SONAR XI LE DVD-ROM, USB Cable (mini-B type), Dry battery <LR6 (AA) type> x 2 ● **Options** AC Adaptor (PSA series), Silicone Case/Pouch Set for BR-80 (BA-BR80S) ● **System Requirements (USB Connection)** Please refer to the BOSS website www.boss.info

BR-800 28

● **Tracks** Track: 8, V-Track: 64 (8 V-Tracks per each Track), Up to 4 tracks can be recorded simultaneously, and up to 8 tracks can be played back simultaneously. ● **Sample Rate** 44.1 kHz ● **Frequency Response** 20 Hz to 20 kHz (+/-1/3 dB) ● **AD Conversion** 24-bit, 24-bit + AF method* (GUITAR/ BASS input) ● **DA Conversion** 24-bit ● **Compatible Card Capacity** SD Memory Card: 1 GB to 2 GB, SDHC Memory Card: 4 GB to 32 GB ● **Data Type** HiFi (MT2) Roland/BOSS original format, 16-bit linear stereo WAV format (SONG SKETCH only) ● **Recording Time (for multi-track recording)** Conversion in one track, 1 GB: 8 hours 40 minutes, 32 GB: 272 hours * The above-listed recording times are approximate. Times may be slightly shorter depending on the number of songs that were created. * The above number is the total for all the tracks that are used. If each of the eight tracks contain an equal amount of data, the length of the resulting song will be approximately 1/8 of the above. ● **Recording Time (for SONG SKETCH)** Stereo recording, 1 GB: 90 minutes, 32 GB: 48 hours ● **Nominal Input Level** GUITAR/BASS jack: -10 dBu, INPUT 1-4 jacks: -50 to -20 dBu (XLR type), -26 to +4 dBu (1/4" TRS phone type), LINE IN jack: -10 dBu ● **Input Impedance** GUITAR/BASS jack: 1 M Ω , INPUT 1-4 jacks: 3 k Ω (XLR type), 47 k Ω (1/4" TRS phone type), LINE IN jack: 10 k Ω ● **Nominal Output Level** LINE OUT jacks: -10 dBu ● **Output Impedance** LINE OUT jacks: 1 k Ω ● **Recommended Load Impedance** LINE OUT jacks: 20 k Ω or greater, PHONES jack: 32 to 100 Ω ● **Residual Noise Level** LINE OUT jacks: -85 dBu or less (IHF-A, typ.) ● **Power Supply** DC 9 V: AC Adaptor, Size AA Dry Battery x 6 (Alkaline batteries recommended), USB Bus Power ● **Current Draw** 280 mA (DC IN), 480 mA (USB Bus Power) ● **Dimensions** 289 (W) x 184 (D) x 58 (H) mm, (11-7/16" x 7-1/4" x 2-5/16") ● **Weight** 890 g/2 lbs (incl. batteries) ● **Accessories** SD Memory Card, AC Adaptor, USB Cable, BR-800 DVD-ROM ● **System Requirements (USB Connection)** Please refer to the BOSS website www.boss.info

BR-1200CD 29

● **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 Usable 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 Conversions>: [24-bit, AF method* (Guitar/Bass)], [24-bit, $\Delta\Sigma$ Modulation (VOCAL)], [24-bit, $\Delta\Sigma$ Modulation (LINE)], [24-bit, $\Delta\Sigma$ Modulation (SIMUL)], <DA Conversions>: 24-bit, $\Delta\Sigma$ Modulation, <Internal Processings>: 24-bit (digital mixer section), <Recording Data>: 16-bit linear ● **Sample Rate** 44.1 kHz ● **Frequency Response** 20 Hz to 20 kHz (+/-1/3 dB) ● **Total Distortion** 0.05 % or 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 M Ω), [MIC 1/2 jacks (TRS balanced/ XLR): 12.5 k Ω (HOT-COLD) 6.5 k Ω (HOT-GND, COLD-GND)], [LINE IN jacks: 22 k Ω] ● **Nominal Output Level** LINE OUT jack: -10 dBu ● **Output Impedance** LINE OUT jack: 2 k Ω , PHONES jack: 100 Ω ● **Recommended Load Impedance** LINE OUT jack: 20 k Ω or greater, PHONES jack: 8 to 50 Ω ● **Residual Noise Level** LINE OUT jack: -87 dBu or less (INPUT SELECT: GUITAR/BASS, input terminated with 1 k Ω , INPUT SENS: CENTER, IHF-A, typ.) ● **Interface** DIGITAL OUT: S/PDIF 16-bit/24-bit

(Optical type), USB (B type) ● **Power Supply** DC 12 V: 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 ● **Accessories** AC Adaptor (PSB-7U), DISCRETE DRUMS (CD-ROM) ● **System Requirements (USB Connection)** Please refer to the BOSS website www.boss.info

BR-1600CD Version 2 29

● **Tracks** Track: 16, V-Track: 256 (16 V-Tracks per primary Track), Up to 8 tracks can be recorded simultaneously, and up to 16 tracks can be played back simultaneously. ● **Maximum Usable 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 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, $\Delta\Sigma$ Modulation, <Internal Processings>: 24-bit (digital mixer section), <Recording Data>: 16-bit linear ● **Sample Rate** 44.1 kHz ● **Frequency Response** 20 Hz to 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 M Ω), [MIC 1-8 jacks (XLR): 12.5 k Ω (HOT-COLD), 6.5 k Ω (HOT-GND, COLD-GND)], [INPUT 1-8 jacks: 22 k Ω] ● **Nominal Output Level** LINE OUT jack: -10 dBu ● **Output Impedance** LINE OUT jack: 2 k Ω , PHONES 1, 2 jack: 100 Ω ● **Recommended Load Impedance** LINE OUT jack: 20 k Ω or greater, PHONES 1, 2 jack: 8 to 50 Ω ● **Residual Noise Level** LINE OUT jack: -90 dBu or less (INPUT SELECT: GUITAR/BASS, input terminated with 1 k Ω , INPUT SENS: CENTER, IHF-A, typ.) ● **Interface** DIGITAL IN: S/PDIF 16-bit/24-bit (coaxial type), DIGITAL OUT: S/PDIF 16-bit/24-bit (coaxial type), USB (B type) ● **Power Supply** DC 12 V: AC Adaptor (Roland PSB-7U) ● **Power Consumption** 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 ● **Accessories** AC Adaptor (PSB-7U), DISCRETE DRUMS (CD-ROM) ● **System Requirements (USB Connection)** Please refer to the BOSS website www.boss.info

DR&DB SERIES

DR-880 30

● **Max. Polyphony** 32 voices; Depending on the bass sound selected, max. polyphony may be lower ● **Instruments** Drums: 440, Bass: 40 ● **Kits** User: 100, Preset: 100 ● **Rhythm Patterns** User: 500, Preset: 500 ● **Songs** User: 100 ● **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 ● **Accessories** AC Adaptor (BRC series), DR-880 Driver CD-ROM ● **Options** Footswitch (FS-5U, FS-6), Expression Pedal (Roland EV-5)

DR-3 30

● **Max. Polyphony** 12 voices ● **Instruments** Drum and Perc: 120, Bass: 12 ● **Styles** User Style: 100 styles, Preset Style

Experience the power of BOSS effects!

www.boss.info

Our website is filled with the latest information, including techniques that you can use in the real world. It also includes details on the latest products, interactive tours, videos, and more. Visit us now!



**BOSS iPhone website
"BOSS SOUND TRIAL"**

See the BOSS effects in action with your iPhone!

<http://boss.mobi/iphone/>



COSM

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.

**MIDI
VISUAL
CONTROL**

MIDI Visual Control is an internationally-used recommended practice that was added to the MIDI specification so that visual expression could be linked with musical performance. Video equipment that is compatible with MIDI Visual Control can be connected to electronic musical instruments via MIDI in order to control video equipment in tandem with a performance.

V-LINK

Using V-LINK, musicians can "play" video from their electronic instrument — or even control a live video camera — when used with Edirol video products. With V-LINK, musicians have a powerful interface for realtime audio and video integration.

BOSS
www.boss.info

All specifications and appearances are subject to change.
All trademarks used in this catalog are the property of their respective companies.
Roland, BOSS, Blues Driver, COSM, DYNA DRIVE, eBand, LOOP STATION, METAL ZONE, MICRO BR, RHYTHM COACH, ROTARY ENSEMBLE, SLICER, SPACE ECHO, TSC, V-WAH are either registered trademarks or trademarks of Roland Corporation in the United States and/or other countries.
CAKEWALK is a registered trademark of Cakewalk, Inc. in the United States.
ASIO and VST are trademarks of Steinberg Media Technologies GmbH.
Gracenote® is a registered trademark of Gracenote, Inc. The Gracenote logo and logotype, and the "Powered by Gracenote" logo are trademarks of Gracenote.