

Complete Solutions for Modern Drummers.

At Roland, we've always had a passion for electronic percussion. From our very first Compact Drum Systems to the innovative V-Drums® and SPD-Series, the quest for giving drummers and percussionists the most natural and expressive instruments goes on. Today, Roland offers an entirely new line of V-Drums designed for the needs of many types of players. Each kit is a complete system, so you can be assured of only the most natural expressiveness and sensitivity. Only Roland offers a complete line of electronic percussion products—from the V-Drums, SPD-Series and HPD-15 HandSonic® to amplifiers and accessories. After all, Roland is the world leader in electronic drums and percussion.

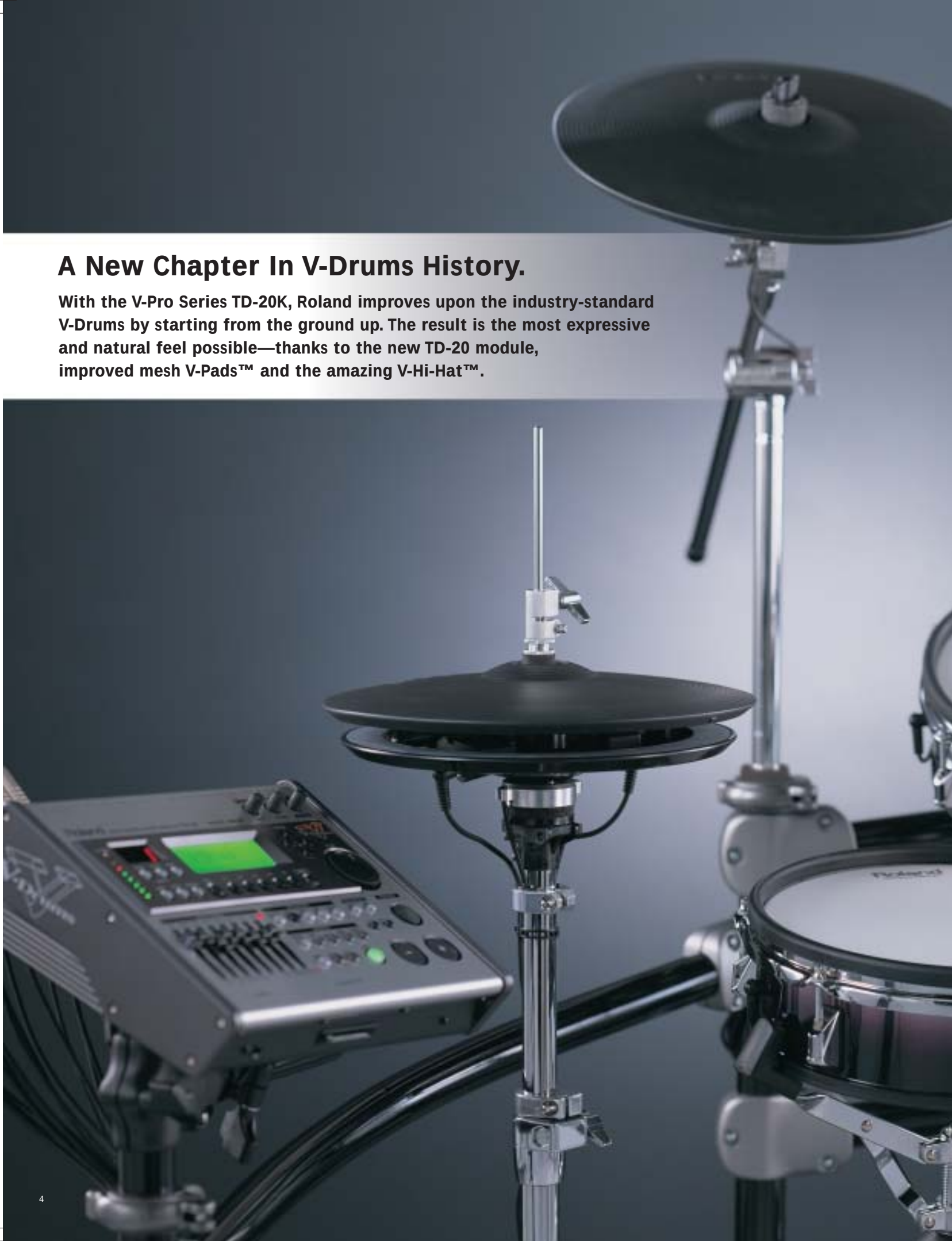
Roland Drums and Percussion



Omar Hakim

"Once again, Roland has raised the bar for the electronic drumming world!
The V-Pro™ Series is the most expressive and dynamic electronic drum set out there!"





A New Chapter In V-Drums History.

With the V-Pro Series TD-20K, Roland improves upon the industry-standard V-Drums by starting from the ground up. The result is the most expressive and natural feel possible—thanks to the new TD-20 module, improved mesh V-Pads™ and the amazing V-Hi-Hat™.



V-Pro™ Series TD-20S-BK



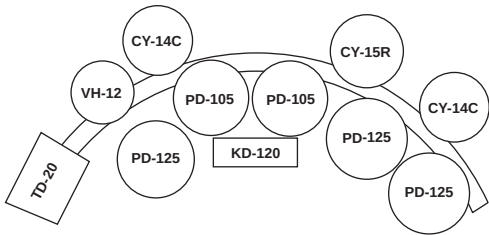
*Snare stand, hi-hat stand and kick pedal not included and shown only for photography purposes.
*Connection cables are partially hidden for photography purposes.

Roland's Most Expressive and Dynamic V-Drums Kit Ever.

The V-Pro Series TD-20S-BK is centered on Roland's new TD-20 module—loaded with new sounds and functions, superb expressiveness and in-depth V-Editing. The patented mesh pads now feature great dynamic range and natural rim shot triggering, along with a new look and stunning black finish. The V-Pro Series TD-20S-BK also features Roland's amazing new V-Hi-Hat and a new drum stand designed to hide the cabling. It's the ultimate kit for the modern drummer!

[Components]

TD-20	Percussion Sound Module	x 1
PD-125BK	V-Pad	x 3
PD-105BK	V-Pad	x 2
VH-12	V-Hi-Hat	x 1
CY-14C	V-Cymbal™ Crash	x 2
CY-15R	V-Cymbal Ride	x 1
KD-120BK	V-Kick Trigger Pad	x 1
MDS-20BK	Drum Stand	x 1



*V-Drums technology for use under one or more of U.S. Pat. Nos. 5,920,026, 6,121,538, and 6,271,458. U.S. Patent Pending



TD-20 Percussion Sound Module **COSM V-LINK**

An Entirely New V-Drums Experience!

The TD-20 Percussion Sound Module represents a giant leap forward in V-Drums technology. This flagship module boasts incredible sound quality, all-new sounds and unsurpassed expressiveness. The COSM® modeling-based V-Editing is also enhanced, giving drummers impressive new cymbal control, adjustable snare drum buzz and kick beater selection. Factor in a new digital output and an expansion slot for future upgrades, and the TD-20 is simply the best percussion sound module Roland has ever made.



REAR VIEW



The Best Sounds and Expressiveness

Without a doubt, the TD-20 is Roland's best-sounding percussion module ever with over 500 new sounds, plus superb expressiveness and dynamic range when used with the PD-125BK/105BK V-Pads and VH-12 V-Hi-Hat. Superior sensitivity lets drummers play more naturally and without having to adjust their playing technique. For example, rim shot and bass drum sounds can be varied depending on how they are played. And with Roland's new interval control technology, drummers can create more realistic snare rolls and cymbal swells. Close your eyes and you'll swear you're playing the real thing!

Advanced V-Editing

Vastly expanded for unlimited expression, the TD-20's modeling-based V-Editing starts from careful analysis of an entirely new set of drum sounds. From there, drummers are free to change parameters like the cymbal size, along with the type of "sizzle" (i.e. rivets or chain), and the microphone position. Several types of kick beaters can also be selected, including felt, wood and plastic. The TD-20 can even model snare drum "buzz" (the resonance created on the tom and bass drum) for startling realism. It's the subtle nuances like these that really make the difference during performance and recording.

Enhanced Performance Features

Whether used live or in the studio, the TD-20 offers a host of powerful features designed to make life easy. Eight group faders let drummers adjust the relative part levels, while 15 Pad Compressors and Pad EQs make shaping sounds easy. There's also a 6-part sequencer loaded with preset backing patterns and plenty of room for your own, plus onboard effects like Ambience and a Mastering Room for adding compression and EQ to the overall sound. A choice of 10 analog outputs and a S/P DIF digital output offer plenty of options when mixing live or in the studio.

Convenient CompactFlash Storage and More

New to the TD-20 is a CompactFlash slot, which can be used for storing custom drum kits and sequencer patterns with optional memory cards. An expansion bay located on the underside means there's room for upgrades down the road. The TD-20 also features Roland's V-LINK technology. Using an optional DV-7PR Video Presenter from Edirol, drummers can trigger images or change cameras from the pads or kick.

Customize Your Kits with V-Editing.



Shell Material/Depth
Build your own snare drum with shells like wood, brass and steel. The depth of the snare, kick and toms can also be changed.



Head Type/Tuning
Here you can choose the type of drum head (like clear, coated and Pinstripe*) and adjust the pitch.
*Pinstripe is a registered trademark of Remo Inc. U.S.A.



Muffling/Strainer Adjustment
Add a "doughnut-style" muffler on the snare or a weight-type muffler on the bass drum. The snare strainer can also be adjusted.



Kick Beater Selection
Choose from a variety of kick beaters like felt, wood and plastic.



Cymbal Size
Here you can change the size of your cymbal from 1 inch to 40 inches.



Sizzle
Add realistic sizzle to your cymbal with modeled rivets or a chain.



Mic Position
Choose the placement of your virtual microphones.



Snare Buzz
Add realistic snare drum buzz to give your kits even more realism. The amount of buzz (the resonance created on the tom and bass drum) can be varied to get just the right effect.

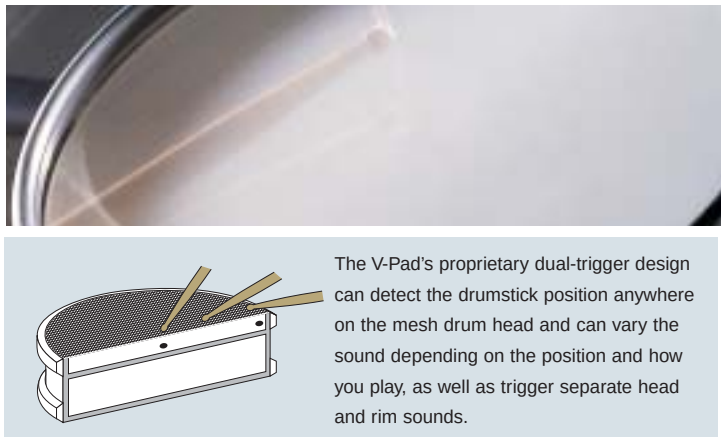
PD-125BK/105BK V-Pads



Our Most Sensitive V-Pads Ever!

How do you improve upon the world's most popular electronic percussion pads? Start by designing a brand new sensor mechanism for more accurate triggering, and then give 'em a cool black finish! The 12-inch PD-125BK and 10-inch PD-105BK mesh V-Pads both feature Roland's latest dual-triggering technology, resulting in more even and accurate sensing between the head and rim. They are also the first V-Pads with rim shot capabilities on the toms—including the actual "rim click" sound*.

*Rim triggering on toms requires TD-20 Percussion Sound Module.



KD-120BK V-Kick Trigger Pad

Natural Triggering with Double Pedal Support.

The V-Pro Series TD-20S-BK includes Roland's time-tested KD-120BK V-Kick Trigger Pad, but now in a new black color designed to perfectly complement the rest of the pads. The 12" V-Kick Trigger Pad offers fast, natural kick drum triggering and is compatible with double bass pedals (sold separately).

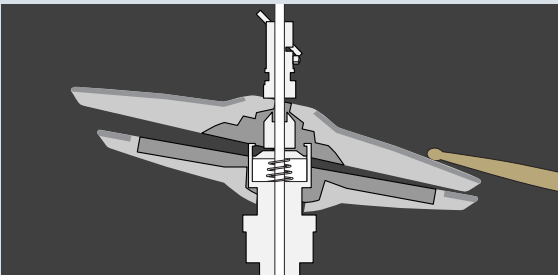


VH-12 V-Hi-Hat



The First Electronic Hi-Hat Designed Like an Acoustic.

Woah! That's what you'll say once you try the new VH-12 V-Hi-Hat. This breakthrough electronic hi-hat is designed to precisely model the look and feel of its acoustic counterpart... so much so, that it mounts on an acoustic hi-hat stand! The new V-Hi-Hat uses top and bottom cymbals with full motion capability for ultra-natural stick/pedal work, and is designed to work with the TD-20's enhanced dynamics. The dual-trigger VH-12 creates smooth hi-hat sounds from open to closed—including the half-open position—with all of its delicate nuances. By applying pressure to the pedal (even after closing), you can vary the pitch and decay for playing fast and tight articulations.



The V-Hi-Hat's proprietary dual-trigger, full-motion design can detect the drumstick position anywhere on the hi-hat and create smooth sounds from open to closed—even a tightly-closed sound or "foot splash"—in the same fashion and motion as an acoustic hi-hat.

CY-14C V-Cymbal Crash

This Crash Cymbal Really Swings!

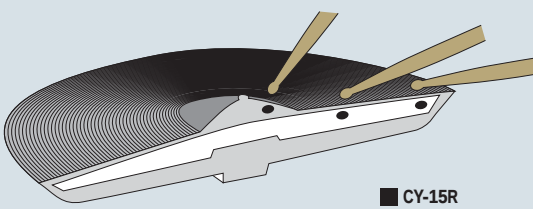
The CY-14C V-Cymbal Crash is a 14-inch crash cymbal featuring the same dimensions and natural movement of an acoustic cymbal. A dual-trigger system with individual sensors for the edge and bow gives you more dynamic response, allowing for expressive cymbal "chokes." Concentrated mass around the rim ensures uniform sensing wherever the cymbal is struck.



CY-15R V-Cymbal Ride

Natural, Three-Way Triggering and Swinging Motion.

The CY-15R V-Cymbal Ride is a 15-inch cymbal which offers natural swinging movement and ultra-dynamic three-way triggering (edge/bow/bell) when used with the TD-20, making this the most expressive electronic cymbal ever designed. With edge/bow or bow/bell output jacks, this cymbal can be used as a ride cymbal or large crash cymbal, expanding the possibilities of any Roland drum system.



The V-Cymbal's proprietary dual-trigger (CY-14C)/three-way trigger (CY-12R/C, CY-15R, when used with TD-20) design can detect the drumstick position anywhere on the cymbal, triggering distinct timbre changes just like an acoustic cymbal.

V-Stage™ Series TD-8S



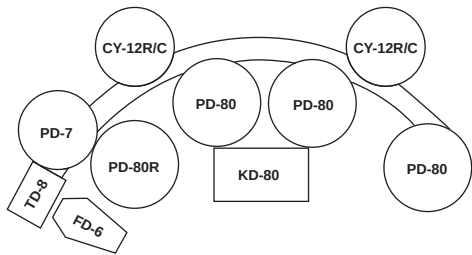
*Kick pedal not included and shown only for photography purposes.
*Connection cables not shown for photography purposes.

Maximum V-Drums Impact In a Compact Set.

The V-Stage Series TD-8S gives drummers a convenient way to tap into the power of the world-renowned V-Drums electronic drum system. Incorporating a high-quality sound module with over 1,200 sounds and COSM modeling-based drum customization—coupled with specially designed mesh-head V-Pads—the V-Stage Series TD-8S brings the revolutionary V-Drums sound and ultra-intuitive operation to a whole new level of

[Components]

TD-8	Percussion Sound Module	x 1
PD-80R	V-Pad	x 1
PD-80	V-Pad	x 3
PD-7	Dual-Trigger Pad	x 1
CY-12R/C	V-Cymbal Ride/Crash	x 2
KD-80	V-Kick Trigger Pad	x 1
FD-6	Hi-Hat Control Pedal	x 1
MDS-8SL	Drum Stand	x 1



TD-8 Percussion Sound Module **COSM**

A Powerful Module with True V-Drums Spirit.

With the TD-8 Percussion Sound Module, legendary V-Drums sounds are closer than you think. This incredible-sounding module includes over 1,200 instruments, COSM modeling-based sound editing capabilities, intuitive operation, and unmatched sensitivity... and that's just for starters. Factor in the TD-8's powerful sequencing section and streamlined, ergonomic design and it stands as one of the best values in electronic drums today.



REAR VIEW



Amazing Sound Quality and Variety

When it comes down to it, an electronic drum system is only as good as its sounds. The TD-8 serves up 1,286 high-quality sounds, comprised of 1,024 drum and percussion sounds and 262 backing instruments; COSM-based V-Editing allows you to precisely tune and shape drum size and depth, head type and tuning, muffling, and snare strainer adjustment. And all this is enhanced with expressive positional sensing capability, triggering different sounds based on the location of the pad hit.

A “Drummer-Friendly” Interface

The TD-8 was designed from the ground up with live performance and easy operation in mind. It incorporates a large backlit LCD with helpful graphics, luminous rubber buttons, and an angled module design that makes operation fast. The module also sports 700 preset patterns, which are great for practice or just playing along. And of course, it's expandable for adding or upgrading up to 12 pads and cymbals.

PD-80R/80 V-Pads

The compact 8-inch PD-80R and PD-80 V-Pads allow for near-silent performance and ultra-sensitive triggering—even playing with brushes—thanks to their patented mesh-head design. The PD-80R is a dual-trigger pad that's perfect for use as a snare, while the PD-80 is a single-trigger model that's great for toms.



▲ PD-80R

KD-80 V-Kick Trigger Pad

The KD-80 V-Kick Trigger Pad is a sturdy, responsive 8-inch kick trigger pad built in the tradition of the popular KD-120 model. As such, this compact kick pad is compatible with standard/double bass kick pedals and features extremely road-worthy construction, ultra-sensitive triggering, and a sleek look that complements the entire V-Drums system.



*Kick pedal not included and shown only for photography purposes.

CY-12R/C V-Cymbal Ride/Crash

This 12-inch electronic cymbal brings breakthrough V-Cymbal technology to a very affordable price point. This expressive dual-trigger cymbal offers the natural rebound, inertia and natural “swinging” motion of an acoustic cymbal, plus cymbal choke capabilities.



PD-7 Dual-Trigger Pad

The PD-7 is a 7.5-inch dual-trigger rubber pad designed for use with the TD-Series, SPD-Series and HPD-15. Its durable rubber surface provides responsive playing feel and low striking noise.



FD-6 Hi-Hat Control Pedal

The FD-6 is an electronic hi-hat control pedal which gives drummers the distinct feel of an acoustic hi-hat pedal—complete with heel-splash sound, closed sound, open sound, and everything in between.



V-Tour™ Series TD-6S



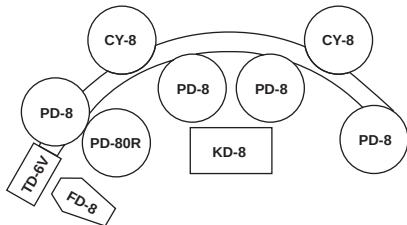
*Drum stand and kick pedal not included and shown only for photography purposes.
*Connection cables not shown for photography purposes.

New Pads and Cymbals Give This Popular Kit Amazing Playability.

The V-Tour Series TD-6S takes one of Roland's most popular V-Drums kits and gives it even better playability—thanks to a mesh snare pad with natural feel, new gum rubber pads with dual-trigger capabilities, dynamic cymbal pads with “swinging” motion, and a vertical kick trigger. The easy-to-use sound module sports a sleek black look with a blue LCD, a multi-function sequencer perfect for practice, plus brand new kits and patterns.

[Components]

TD-6V	Percussion Sound Module	x 1
PD-80R	V-Pad	x 1
PD-8	Dual-Trigger Pad	x 4
CY-8	Dual-Trigger Cymbal Pad	x 2
KD-8	Kick Trigger Pad	x 1
FD-8	Hi-Hat Control Pedal	x 1
MDS-6SL	Drum Stand	x 1



TD-6V Percussion Sound Module



Incredible V-Drums Sounds

The TD-6V module serves up 1,024 of Roland's best drum and percussion sounds and 262 backing instruments—complete with newly created drum kits and patterns in the latest musical styles. Dual-trigger tom inputs allow for rim shots on toms and expanded musical expression. Drummers can create their own custom drum kits and store them to user memory, or add EQ and Ambience effects to beef up the sound. There's even a 6-part sequencer that's great for jamming and practice.

Cool New Look

The TD-6V sports a new black case and blue LCD screen that's easy to read under any lighting condition. Luminous rubber buttons make selecting different kits and editing sounds and effects quick and intuitive. Even those new to electronic percussion will find this module very easy to understand. The TD-6V can be expanded with up to 11 pads and cymbals, allowing plenty of room to grow.

REAR VIEW



PD-80R V-Pad



PD-8 Dual-Trigger Pad

This durable 8.5-inch rubber pad offers super-accurate triggering and a time-tested design for years of reliable use. The PD-8's dual-trigger capabilities make it perfect for triggering rim shots on the toms or bow/edge sounds on the hi-hat when used with the TD-6V.



KD-8 Kick Trigger Pad

The new KD-8 Kick Trigger Pad's sturdy, vertical design gives drummers a better feel and solid kick drum sounds. The upright KD-8 can even accommodate double bass pedals—perfect for drummers who want to create complex rhythms. A convenient folding front leg makes transportation easy.



CY-8 Dual-Trigger Cymbal Pad

Sporting a refined look that more closely resembles an acoustic cymbal's feel, the new CY-8 Dual-Trigger Cymbal Pad offers precise and accurate triggering for the crash and ride cymbals—complete with “swinging” motion and cymbal “choke” capabilities.



FD-8 Hi-Hat Controller

Thanks to Roland's new FD-8 Hi-Hat Controller, drummers can get realistic hi-hat sounds with smooth transitions between open and closed. The updated look makes the FD-8 fit perfectly with the striking new look of the V-Tour Series.



V-Compact™ Series TD-3S



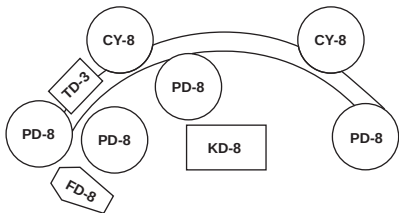
*Kick pedal not included and shown only for photography purposes.
*Connection cables not shown for photography purposes.

Roland’s Most Affordable V-Drums Kit Ever!

The V-Compact Series TD-3S is the fastest and most affordable way to get into a real V-Drums set. This expandable kit includes Roland’s new TD-3 Percussion Sound Module with high-quality sounds and unbelievable expressiveness, new dual-trigger pads and cymbals, plus an upright kick trigger, onboard rhythm training exercises and more—giving you natural playing feel at a great price point.

[Components]

TD-3	Percussion Sound Module	x 1
PD-8	Dual-Trigger Pad	x 4
CY-8	Dual-Trigger Cymbal Pad	x 2
KD-8	Kick Trigger Pad	x 1
FD-8	Hi-Hat Control Pedal	x 1
MDS-3C	Drum Stand	x 1



*Note that the above components are also available individually.



TD-3 Percussion Sound Module



REAR VIEW



SIDE VIEW



Amazing New Drum Sounds at Your Fingertips

The TD-3 Percussion Sound Module boasts 114 amazing new drum and percussion sounds and 32 kits with unbelievable expressiveness—including separate head/rim triggering on the snare and bow/edge triggering on the hi-hat. Of course, it's also very easy to use so you can start playing right away. To find a drum kit, just use the Phrase Preview function and a short demo will play. The TD-3 also comes with 15 types of built-in Ambience effects and compression, making it easy to enhance the overall sound.

Rhythm Coach Exercises and More

With Roland’s Rhythm Coach onboard, drummers can improve their timing, speed and endurance using seven types of rhythm training exercises with variations. It’s a great way to hone your skills while having fun. The TD-3 also includes a stereo Mix input for playing along with external audio sources, plus MIDI In and Out for connecting with sequencers and other MIDI gear.

TD-3 Coach Mode			
Display	Parameter	level/type	Practice Content
<i>r h y</i>	Rhythmic Notes	3 types	An excellent warm up exercise that also teaches note values. The metronome plays through a series of beat divisions every two measures starting with half notes, up to 16th-note triplets, and then back down to half notes again.
<i>t c h</i>	Time Check	2 levels	Designed to develop good timing skills through visual use of the display. As you play along with the metronome, your performance is measured against the timing of the click, and the result is displayed.
<i>q c t</i>	Quiet Count	6 types	A timing exercise designed to develop "internal" timing. The metronome will play at the set volume for the first 1, 2, 3, 4, 6 or 8 measures then play the second 8 measures at a reduced volume until stopped.
<i>s p d</i>	Speed Check	2 levels	Similar to Time Check, except that the metronome advances five beats per minute whenever a rhythm is played for eight measures with the correct timing. This continues until the metronome's maximum tempo is reached.
<i>u u d</i>	Gradual Up/Down	2 types	Designed to build stamina by increasing the metronome one beat per minute every two beats until the maximum tempo is reached. The tempo then decreases in the same manner and the process repeats.
<i>s u d</i>	Step Up/Down	3 types	Designed to develop playing endurance by increasing the metronome's tempo five beats per minute every eight measures until the maximum tempo is achieved. The tempo then decreases in the same manner and the process repeats.
<i>c n t</i>	Count In	—	A "voice count-in" function that can be very useful for practicing. There is also a visual measure counter in the display.

SETUP VARIATION

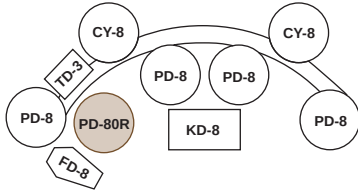


Expandable Design

The back of the TD-3 features nine trigger inputs, making it possible to add more pads like Roland’s mesh PD-80R for snare—a great choice for its natural feel and rim shot capabilities. There’s always room to expand and upgrade the affordable V-Compact Series TD-3S.

[Components]

TD-3	Percussion Sound Module	x 1
PD-80R	V-Pad	x 1
PD-8	Dual-Trigger Pad	x 4
CY-8	Dual-Trigger Cymbal Pad	x 2
KD-8	Kick Trigger Pad	x 1
FD-8	Hi-Hat Control Pedal	x 1
MDS-3C	Drum Stand	x 1



*Note that each of the above components can be purchased individually.

RT-Series Acoustic Drum Triggers



Versatile Acoustic Triggers with V-Drums Technology.

With Roland's RT-Series drum triggers, acoustic drummers can expand the power of their sets by tapping into the world of electronic drums. Three triggers are available: the RT-5S for snare drum, the RT-3T for toms and the RT-7K for kick—each with superior sensor technology and very simple installation that won't alter the natural acoustic sound. The RT-5S model offers separate head/rim triggering and works with acoustic and mesh heads. Use them with an acoustic set, with V-Drums or SPD-Series modules or with Roland's TMC-6 and an external MIDI module.

RT-7K Kick Trigger

- **Trigger:** 1 • **Connector:** Trigger output jack (1/4 inch phone type) • **Dimensions:** 52 (W) x 70 (D) x 48 (H) mm / 2-1/16 (W) x 2-13/16 (D) x 1-15/16 (H) inches • **Weight:** 105 g / 4 oz • **Accessories:** Owner's Manual, Connection Cable • **Guide for installation:** 11 to 15 mm / 7/16 to 5/8 inch from the upper edge of the rim to the height of the head



RT-5S Snare Trigger

- **Triggers:** 2 (Head, Rim) • **Rim Level Knob:** 1 • **Connector:** Trigger output jack (stereo 1/4 inch phone type) • **Dimensions:** 52 (W) x 100 (D) x 53 (H) mm / 2-1/16 (W) x 3-15/16 (D) x 2-1/8 (H) inches • **Weight:** 160 g / 6 oz • **Accessories:** Owner's Manual, Connection Cable • **Guide for installation:** 11 to 15 mm / 7/16 to 5/8 inch from the upper edge of the rim to the height of the head



RT-3T Tom Trigger

- **Trigger:** 1 • **Connector:** Trigger output jack (1/4 inch phone type) • **Dimensions:** 52 (W) x 110 (D) x 72 (H) mm / 2-1/16 (W) x 4-3/8 (D) x 2-7/8 (H) inches • **Weight:** 175 g / 7 oz • **Accessories:** Owner's Manual, Connection Cable, Hoop Guard • **Guide for installation:** Height from rim upper edge to head: 36 mm / 1-7/16 inch, Rim thickness: 13 mm / 9/16 inch



Supported Sound Modules: TD-20, TD-10, TDW-1, TD-8, TD-6, TD-3, RM-2, TMC-6, SPD-S, SPD-20, HPD-15

* The performance of the RT-Series can be affected by elements such as the type of drum being used, the tuning and use of a mute. For best performance, refer to both the drum trigger's and sound module's Owner's Manual and set the trigger parameters accordingly.

* Be sure to mute the bass and snare drum (toms can also be muted if external vibrations are picked up).

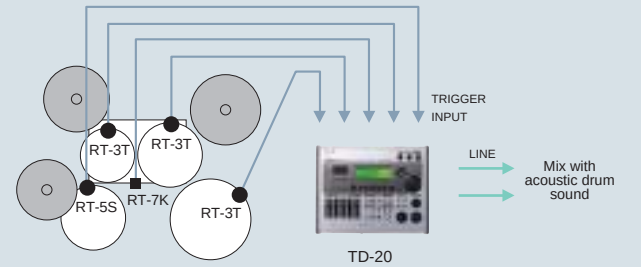
* Use a ring mute or mute-type drum head to improve the performance of the RT-5S Snare Trigger.

* Note that the RT-3T Tom Trigger cannot be used with mesh heads.

* Due to the mute-free design of the RT-3T, when the sticks hit the shell or the rim of the drum, it may produce a louder volume than striking the head.

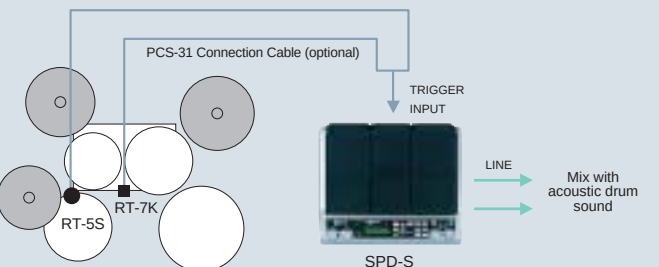
Using the RT-Series and TMC-6

Play a TD-Series brain



By connecting a set of RT-Series triggers to a TD-Series brain, drummers can play high-quality V-Drums sounds right from an acoustic set, or blend electronic and acoustic sounds to create more unique sounds. Using the TD-Series' Tap Sequence function, it is possible to trigger sequences by tapping on the kick.

Trigger an SPD-Series module



In this example, an RT-7K and RT-5S are connected to an SPD-S Sampling Pad, making this an affordable and easy way to add sampling to an acoustic set. Using the SPD-S' Velocity Switch setting, the snare and bass drum can be set to trigger a different sample depending on how hard they are hit.

TMC-6 Trigger MIDI Converter

Play MIDI Modules From an Acoustic Set!

The TMC-6 Trigger MIDI Converter makes it easy to play and trigger MIDI modules and samplers from an acoustic drum set, or expand the sound palette of electronic drum sets. This affordable device uses accurate and reliable V-Drums triggering technology, allowing acoustic drummers to “play” electronic sounds from their favorite MIDI module, or for V-Drums owners to expand their trigger inputs.



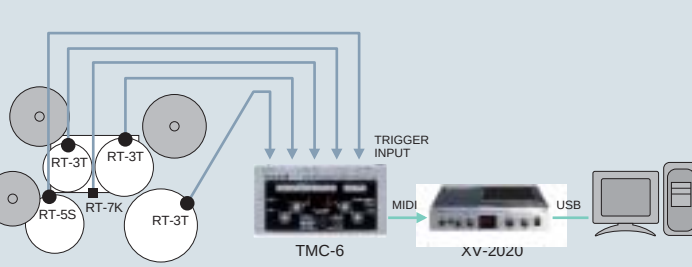
Works Great with the RT/TD-Series

When paired up with acoustic drum triggers like Roland's RT-Series, drummers can use the TMC-6 to trigger a sampler or other MIDI sound module from their acoustic set—even V-Drums TD-Series modules! Likewise, V-Drums owners can use the TMC-6 to add more pads and cymbals via the additional trigger inputs.

6 Trigger Inputs for Maximum Versatility

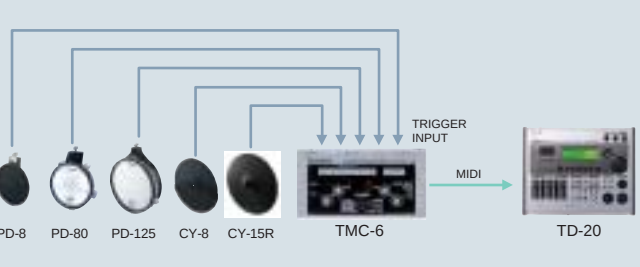
The TMC-6 includes six trigger inputs compatible with all Roland drum pads or acoustic drum triggers (an FD-8/6 Hi-Hat Control Pedal can also be connected). With V-Drums technology built-in, they provide reliable and fast response, plus separate head/rim triggering with dual-trigger V-Pads like the PD-125BK/105BK/80R and 3-way triggering with the CY-15R and CY-12R/C V-Cymbals. Trigger settings can be stored to 12 User memory locations.

Connect a MIDI module and computer



Roland's TMC-6 Trigger MIDI Converter changes the trigger impulses received from the RT-Series into MIDI messages—making it possible to play MIDI modules like Roland's XV-2020, or even record your performance into a sequencer. This provides more sonic flexibility, and the ability to create more natural drum tracks when sequencing in the studio.

Expand a V-Drums Set



The TMC-6 is also a great way to expand the capabilities of any V-Drums set. Simply connect the TMC-6 to a TD-Series brain via MIDI, and use the TMC-6's trigger inputs to connect more pads and cymbals. In this example, three pads and two cymbals are connected for triggering splash cymbal sounds and percussion instruments like timbales and cowbell.

SPD-S Sampling Pad



Add Sampling to Your Rig!

The SPD-S Sampling Pad is a simple and affordable way to tap into the power of sampling. Six pads and three edge triggers allow drummers to trigger CD-quality samples and create phrase loops complete with pro-quality effects.

Integrates Easily with Your Kit

The SPD-S is a great way to add sampling to any percussion setup, and it's easy—just record a sound, assign it to a pad and go. Up to eight sounds can be played from the six rubber pads and three edge triggers. With room for 399 User waveforms, the SPD-S can store plenty of samples. Plus, there are 181 ready-to-play waveforms pre-loaded into User memory. A sampling CD is also included, making it easy to add more sounds.

Powerful and Expandable

With 30 multi-effects algorithms and a unique ambience effect, the SPD-S offers endless sound-sculpting tools—plus the ability to create loops with the Phrase Maker function. The SPD-S has a stereo input and can accommodate up to two trigger units for playing a drum pad in either a head or head/rim configuration. And with MIDI In and Out, it makes a great controller as well. The SPD-S can be expanded with CompactFlash media and can import or export .WAV/AIFF files.

SPD-20 Total Percussion Pad



700 Rock, Jazz, Funk, Dance, Ethnic and World Drum and Percussion Sounds!

The SPD-20 is the most versatile percussion pad ever, incorporating a massive sound set featuring strikingly realistic acoustic drum sounds, ethnic and world instruments, classic electronic drum sounds, unique sound effects and more. These sounds are complemented by time-tested features and an ultra-reliable design, answering the needs of several different types of musicians: the acoustic drummer or percussionist who's looking to add electronic sounds to his performance but doesn't want to use a full electronic kit; the MIDI musician who wants to compose more natural-sounding rhythm tracks by playing like a drummer in real time; and the drummer who simply wants to practice his chops and develop rhythms at low volume using the SPD-20's headphone output.

SPD-6 Percussion Pad



A Compact, Affordable Percussion Pad for Hand or Drum Sticks.

Whether you're looking to easily add electronic percussion to your live performances or program natural-sounding rhythm tracks in the studio, the affordable SPD-6 Percussion Pad is the way to go. This compact and easy-to-use six-pad controller features hand and drum stick compatibility and 113 high-quality onboard sounds. The SPD-6 also serves as a super-affordable way to program MIDI rhythm tracks. Just send the MIDI Out to an external sequencer and start playing the SPD-6 by hand or using drum sticks. You can even connect the SPD-6 to an external MIDI module, such as a BOSS SP-Series sampler, for dynamic triggering of sounds and phrases.

HPD-15 *HANDSONIC*



An Electronic Hand Percussion Pad with V-Drums Technology.

The Roland HPD-15 HandSonic is an electronic hand percussion multi-pad with incredible triggering capabilities based on breakthrough V-Drums technology. Divided into 15 parts, the HPD-15 allows hand percussionists to play up to 15 sounds simultaneously with all the sensitivity that the Roland V-Drums are famous for. There are 600 onboard percussion sounds taken from all over the world—including Latin countries, southeast Asia, China, India, the Middle East, and Africa—plus electronic drums and sound effects that can be played intuitively by any hand percussionist.

Expressive Realtime Control

A host of powerful controllers can be used to modulate pitch, timbre, and other instrument parameters in real time, making the HandSonic even more expressive. With its exclusive D-Beam controller in particular, percussionists can trigger the onboard sounds or alter an instrument's tuning simply by waving their hands over an infrared beam of light. Other realtime modifiers include two ribbon controllers, an expression pedal input, and three control knobs for nearly unlimited expression.



PDS-15 Pad Stand

Slant-type stand designed for hand percussion instruments like the HPD-15 and the SPD-6.



◀ Example Setup
PDS-15 can be slanted for more natural playability.

PDS-25 Pad Stand



Integrated Performance Options

For those who desire additional control, an optional KD-7 Kick Trigger Unit or FD-8 Hi-Hat Control Pedal may also be connected, allowing percussionists to perform even more complicated rhythms. A 1/4-inch stereo input is included for mixing other sound sources with the HPD-15's output.



RMP-1 Rhythm Coach Pack

Improve Your Drumming Technique!

The RMP-1 Rhythm Coach Pack gives students a great new way to practice drumming. The Rhythm Coach Pack includes the 8-inch RP-2 V-Practice Pad, which uses a patented mesh head to deliver the feel of a real snare without the noise. But the real fun starts with the RM-2 Rhythm Coach. The “brain” of the system, the RM-2 includes 28 drum sounds, a built-in metronome and a Coach mode with helpful training exercises (see below).

A Better Way to Practice

The Rhythm Coach sound module is programmed with unique rhythm training exercises designed to develop a student's timing, speed and stamina. Automatic feedback lets students and teachers monitor progress with measurable results.

Rhythmic Notes

Rhythmic Notes is an excellent warm up exercise that also teaches note values. In this mode, the metronome plays through a series of beat divisions every two measures—starting with half notes, up to 16th-note triplets, and back down.



Time Check

Time Check mode is designed to develop timing skills by learning to play exactly with the beat of the metronome. Beats played on the pad are measured against the timing of the metronome using a visual display for feedback.



Quiet Count

Quiet Count mode is a timing exercise designed to develop “internal” timing. In this mode, the metronome will play at the set volume for the first eight measures then play the second eight measures at a reduced volume until stopped.

Speed Check

Speed Check is similar to Time Check, except that the metronome advances five beats per minute whenever a rhythm is played for eight measures with the correct timing. This continues until the metronome's maximum tempo is reached.

Gradual Up/Down

Gradual Up/Down mode is designed to build stamina by increasing the metronome one beat per minute every two beats until the maximum tempo is reached. The tempo then decreases in the same manner and the process repeats.

Step Up/Down

Step Up/Down mode is designed to develop playing endurance by increasing the metronome's tempo five beats per minute every eight measures until the maximum tempo is achieved. The tempo then decreases in the same manner and the process repeats.

*Coach Mode contains a total of 11 training exercises. Those not mentioned above include Timer, Gradual Up, Gradual Down, Step Up and Step Down.



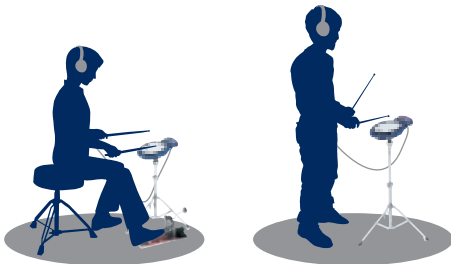
Metronome Instruments			
1 Traditional metronome	4 Unique sweep	7 Cowbell	10 Sticks
2 Electric beep	5 Zap	8 Shaker	11 Voice
3 Simple electric	6 Hi-hat	9 Claves	

Rhythm Type			
Display		Display	
1	Counts at the top of the measure.	3	(8th-note triplet)
2	(half note)	3 ^o	(8th-note triplet)
4	(quarter note)	16	(16th note)
8	(8th note)	16 ^o	(16th note)
8 ^o	(8th note)	16 ^o	(16th note)

Pad Instruments			
1 Maple snare (14" x 6-1/2")	11 Marching snare rim	21 Marching bass drum 1 (18")	
2 Steel snare (14" x 5-1/2")	12 Marching tenor drum	22 Marching bass drum 2 (24")	
3 Brass snare (14" x 5-1/2")	13 Hi tom-tom (10")	23 Hi timbale (rim shot)	
4 Brass snare rim (14" x 5-1/2")	14 Mid tom-tom (12")	24 Lo timbale	
5 Maple piccolo snare (14" x 3-1/2")	15 Lo tom-tom (14")	25 Cowbell	
6 Maple piccolo snare rim (14" x 3-1/2")	16 Marching quad-tom 1 (8")	26 Claves	
7 Brass piccolo snare (14" x 3-1/2")	17 Marching quad-tom 2 (10")	27 Practice board 1	
8 13 inch snare	18 Marching quad-tom 3 (12")	28 Practice board 2	
9 Deep shell snare	19 Marching quad-tom 4 (13")		
10 Marching snare	20 Bass drum (22")		

An Expandable System

With two trigger inputs on the RM-2 module, you can connect the RP-2 V-Practice Pad and a separate kick drum pad—like Roland's KD-7—for practicing snare and kick together. You can even play along with CDs using the RM-2's external audio input. An optional PDS-2 Pad Stand can be purchased separately for more comfortable practice.



RM-2
RHYTHM COACH

RP-2
V-PRACTICE PAD

The RP-2 and RM-2 can also be purchased individually.

PCK-1 Practice Conversion Kit

Turn Your Snare Drum Into a Practice Pad.

The PCK-1 is a special package for converting an acoustic snare drum into a silent practice pad. It comes with a 14-inch mesh drum head with the same natural response and rebound as Roland's V-Pads, plus a rubber rim silencer for ultra-quiet playing. An RT-5S Snare Trigger is also included, allowing the PCK-1 to trigger an optional module like the RM-2 Rhythm Coach—complete with separate head/rim capabilities and onboard rhythm training exercises for more effective practice.



Contents



- RT-5S Snare Trigger
- 14-inch Mesh Head
- Rubber Rim Silencer
- RM-2 Mounting Bracket
- Connection Cable (0.2 m / 7-7/8 inches)

Accessory: Owner's Manual
*Guide for installation: 11 to 15 mm / 7/16 to 5/8 inch from the upper edge of the rim to the height of the head

RM-2 Rhythm Coach



The Perfect Partner for the PCK-1!

This optional sound module and metronome comes with 28 realistic drum sounds and 11 onboard rhythm training exercises. Mounts easily to the PCK-1 with included bracket.

BOSS Dr.Beats Series



The Perfect Rhythm Partners

DB-88 Dr. Beat

The DB-88 represents the new flagship in professional digital metronomes, memorizing tempo, beat and rhythm level settings and facilitating the practice of odd time signatures through the combination of two distinct beats. Features include a large alpha dial and custom LCD, slider-based control of note volumes, Tap Tempo and Loop functions, and accommodation of time signatures up to 15 beats per measure. Convenient screw threads even let users mount the DB-88 onto standard drum hardware and stands.



DB-66 Dr. Beat

The DB-66 Dr. Beat digital metronome is widely regarded as the “industry standard” in professional metronomes—used in music schools around the world. From straight 4/4 to complex polyrhythms, the DB-66's adjustable note volume sliders let musicians focus on exactly the rhythms they're working on. Features include two LEDs for visual monitoring, a Tap Tempo mode and a built-in reference tone for tuning instruments.



DB-12 Dr. Beat

The BOSS DB-12 Dr. Beat digital metronome gives drummers, bassists and guitarists a powerful tool for learning to play “in time, all the time.” Its handy, compact design and unique tempo-keeping capabilities make it a practicing musician's best friend. Features include 24 beat variations with six rhythm types, useful Stopwatch and Timer functions, and a chromatic reference tone for tuning acoustic instruments.

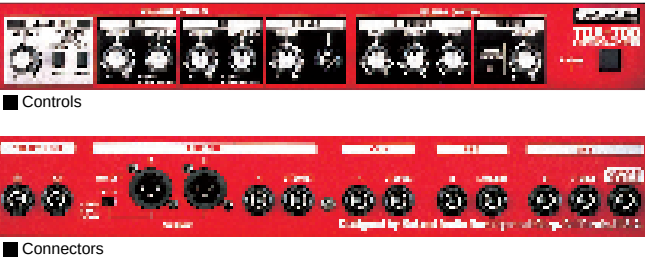
TDA-700 V-Drums Amplifier

A Powerful and Accurate V-Drums Amplifier!

The TDA-700 is the ultimate way to experience your V-Drums. This bi-amped system uses a 240-watt powered 15-inch woofer and a 60-watt powered horn driver—plus Roland's proprietary FFP™ technology—to deliver a sound quality that's second to none. A V-Drums Shape function makes it possible to monitor the V-Drums' sound properly, while versatile input and output capabilities and a Stereo Link function make the TDA-700 perfect for stage setups.

Stereo Link
By chaining two TDA-700s, you can use this system for stereo stage sound.

Stereo Link



PM-1 Personal Monitor Amplifier

A Monitor Built for Percussion.

The PM-1 is the perfect monitoring system for Roland's SPD-Series and HPD-15 HandSonic. Precisely tuned for the needs of acoustic and electronic percussionists, the PM-1's 60-watt amplifier and two-way speaker system sound great on stage or at home. And monitoring is easy, thanks to a smart angled design that even accommodates drum stands.



PM-3 Personal Monitor System

The First Full-Range Monitor System Designed for Electronic Percussion.

The Roland PM-3 Personal Monitor System uses two powered speakers and an Active Dual Drive woofer to capture the V-Drums' and other electronic percussion systems' full range of sounds. The two speakers can be mounted on Roland electronic drum system stands—making the PM-3 perfect for home use.



TD-20 Percussion Sound Module

• **Sound Generator** Variable Drum Modeling • **Maximum Polyphony** 64 Voices • **Instruments** Drum Instruments: 560, Backing Instruments: 262 • **Drum Kits** 50 • **Drum Kit Chains** 16 chains (32 steps per chain) • **Instrument Parameters** V-EDIT (KICK): Shell Depth, Beater Type, Head Type, Head Tuning, Muffling, Snare Buzz, Mic Position, V-EDIT (SNARE): Shell Material, Shell Depth, Head Type, Head Tuning, Muffling, Strainer Adjustment, Mic Position, V-EDIT (TOM): Shell Depth, Head Type, Head Tuning, Muffling, Snare Buzz, Mic Position, V-EDIT (HI-HAT): Cymbal Size, Add Tambourine, Mic Position, Fixed Hi-Hat, V-EDIT (CYMBAL): Cymbal Size, Sizzle Type, Sustain, Mic Position, EDIT: Pitch, Decay • **Ambience Parameters** Room Type, Room Size, Wall Type, Mic Position, Room Shape • **Mixer Parameters** Volume, Pan, Minimum Volume, Output Assign • **Effect Types** Pad Equalizer (each pad), Pad Compressor (each pad), Multi-Effects: 14 types, Master Compressor, Master Equalizer, Reverb (for backing part), Chorus (for backing part) • **Percussion Sets** 8 • **Sequencer** User Patterns: 100, Preset Patterns: 100, Parts: 6, Play Type: Oneshot, Loop, Tap, Tempo: 20–260, Resolution: 192 ticks per quarter note, Recording Method: Realtime, Maximum Note Storage: approx. 20,000 Notes, Click Instruments: 20 • **Display** 64 x 240 dots (backlit graphic LCD), 7 segments, 3 characters (LED), Trigger Level Indicator (LED) • **Faders** 8 • **Preview Button** • **Connectors** Trigger Input Jack x 15, Hi-Hat Control Jack (VH-12, FD-7, FD-8), Master Output Jacks (L/MONO, R), Direct Output Jack x 8, Digital Output Jack (COAXIAL), Headphones Jack (Stereo 1/4 inch phone type), Mix in Jack (Stereo 1/4 inch phone type), MIDI Connectors (IN, OUT/THRU), Foot Switch Jack (1/4 inch TRS phone type), CompactFlash Card Slot, AC Inlet • **Output Impedance** 1.0 k ohms • **Power Supply** AC 117 V, AC 230 V, AC 240 V (50/60 Hz), AC 220 V (60 Hz) • **Power Consumption** 16 W • **Dimensions** 307 (W) x 256 (D) x 105 (H) mm / 12-1/8 (W) x 10-1/8 (D) x 4-3/16 (H) inches • **Weight** 2.9 kg / 6 lbs 7 oz • **Accessories** Owner's Manual, Power Cord

* The TD-20's CompactFlash file system is developed by Kyoto Software Research, Inc.
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TD-8 Percussion Sound Module

• **Sound Generator** Variable Drum Modeling • **Maximum Polyphony** 64 Voices • **Instruments** Drum Instruments: 1,024, Backing Instruments: 262 • **Drum Kits** 64 • **Drum Kit Chains** 16 chains (32 steps per chain) • **Instrument Parameters** V-EDIT (Shell Depth, Head Type, Head Tuning, Muffling, Strainer Adjustment), EDIT (Pitch, Decay) • **Studio Parameters** Studio Type, Room Size, Wall Type • **Mixer** Parameters Level, Pan, Master Volume • **Effect Types** Ambience, 2 Band-Master Equalizer • **Sequencer** Patterns=700 (Preset), 100 (User), User Songs=50, Parts=6, Play Functions=Oneshot, Loop, Tap Resolution=192 TPQN, Recording Method=Real-time • **Metronome Parameters** Time signature, Interval, Volume, Output select (Master and Phones/Phones only) Click Instruments=20 (Voice counting, Click, Cowbell, etc.) • **Tempo** 20–260 • **Display** 32 x 136 dots (backlit graphic LCD), 7 segments 2 characters (LED) • **Sliders** 4 (switchable; Kick, Snare, Hi-hat, Toms/Cymbals, Percussion part, Backing, Click) • **Preview Button** • **Connectors** Trigger Input (dual) x 10, Output x 4 (2 stereo pairs), Headphones, Mix in (stereo), Hi-hat Control, Footswitch (dual), MIDI (IN, OUT/THRU) • **Power Supply** AC Adaptor (DC 9V) • **Current Draw** 600 mA • **Dimensions** 293 (W) x 223 (D) x 80 (H) mm / 11-9/16 (W) x 8-13/16 (D) x 3-3/16 (H) inches • **Weight** 1.5 kg / 31 lbs. 5 oz. • **Accessories** AC Adaptor (ACI/ACB Series), Screws (M5 x12) x 4

TD-6V Percussion Sound Module

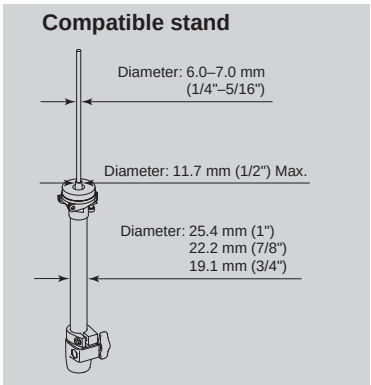
• **Maximum Polyphony** 64 Voices • **Instruments** Drum Instruments: 1,024, Backing Instruments: 262 • **Drum Kits** 99 • **Effect Types** Ambience, 2-Band Master Equalizer • **Sequencer** Preset Songs: 170, User Songs: 100, Parts: 6, Play Functions: One shot, Loop, Tap, Tempo: 20–260, Resolution: 192 ticks per quarter note, Recording Method: Realtime Recording, Maximum Note Storage: approx. 12,000 Notes • **Display** 20 characters, 2 lines (backlit LCD) • **Connectors** Trigger Input Jacks: 9 (11 Inputs), Hi-Hat Control Jack, Output Jacks (L/MONO, R), Phones Jack (stereo miniature phone type), Mix in Jack (stereo miniature phone type), MIDI Connectors (IN, OUT/THRU) • **Output Impedance** 1.0 k ohms • **Power Supply** AC Adaptor (DC 9 V) • **Current Draw** 1,000 mA • **Dimensions** 266 (W) x 199 (D) x 75 (H) mm / 10-1/2 (W) x 7-7/8 (D) x 3 (H) inches • **Weight** 1.1 kg / 2 lbs 7 oz (excluding AC Adaptor) • **Accessories** Owner's Manual, AC Adaptor (ACI/ACB Series), Screws (M5 x 8) x 4

TD-3 Percussion Sound Module

• **Instruments** Drum Instruments: 114, Click Instruments: 10 • **Drum Kits** 32 • **Effect** Ambience (15 types) • **Click Tempo** 20–260 • **Coach Mode** Menu: 7, Variation: 20 • **Display** 7 segments, 3 characters (LED) • **Connectors** Trigger Input Jack x 9, Hi-Hat Control Jack, Output Jacks (L/MONO, R), Phones Jack (stereo phone type), Mix In Jack (stereo miniature phone type), MIDI Connectors (IN, OUT) • **Output Impedance** 1.0 k ohms • **Power Supply** AC Adaptor (DC 9V) • **Current Draw** 1,000 mA • **Dimensions** 220 (W) x 144 (D) x 59.5 (H) mm / 8-11/16 (W) x 5-11/16 (D) x 2-3/8 (H) inches • **Weight** 550 g / 1 lb 4 oz (excluding AC Adaptor) • **Accessories** Owner's Manual, AC Adaptor (ACI/ACB Series), Screw (M5 x 8) x 4

VH-12 V-Hi-Hat

• **Size** 12 inches • **Trigger** 2 (Bow/Edge) • **Connectors** TRIGGER OUTPUT Jack, CONTROL OUTPUT Jack • **Dimensions** 314 mm (W) x 314 mm (D) x 89 mm (H) / 12-3/8 (W) x 12-3/8 (D) x 3-9/16 (H) inches • **Weight** 1.9 kg / 4 lbs 4 oz • **Accessories** Clutch, Clamp, Holder (3 types), Link Cable, Connection Cable x 2, Tuning Key, Cable Tie



TMC-6 Trigger MIDI Converter

• **Number of Memories** 12 • **Display** 7 segments, 3 characters (LED) • **Connectors** Trigger Input Jacks x 6 (7 Inputs), MIDI OUT Connector, AC Adaptor jack • **Power Supply** AC Adaptor (DC 9V) • **Current Draw** 1,000 mA • **Dimensions** 218 (W) x 127 (D) x 58 (H) mm / 8-5/8 (W) x 5 (D) x 2-5/16 (H) inches • **Weight** 850 g / 1 lb 14 oz (excluding AC Adaptor) • **Accessories** Owner's Manual, AC Adaptor (ACI/ACB Series), Stand Holder, Screws (M5 x 12 mm) x 4

SPD-S Sampling Pad

• **Pads** Built-in Pads: 9 • **Maximum Polyphony** 8 voices • **Sampling Mode** Fine/Standard/Long • **Sampling Frequency** 44.1 kHz • **Input Level** Line : -10 dBu, Mic: -50 dBu • **Input Impedance** 10 k ohms (LINE/MIC) • **Output Level** Output: -10 dBu • **Output Impedance** Output: 1 k ohms Headphones: 47 ohms *0 dBu = 0.775 Vrms • **Memory** Patches: 128 Waves (User): 399 (Pre-loaded Sound 181), Card: 500 • **Maximum Sampling Time** 12 min. approx. (Internal Memory, Long Mode) • **Effects** Multi-Effects (30 Type) + Ambience (System) • **Display** 16 characters, 1 line (backlit LCD) • **Connectors** Output Jacks (L/Mono, R, 1/4 inch phone type), Input Jacks (L/Mono, R, 1/4 inch phone type) *LINE/MIC selectable, Headphones Jack (Stereo 1/4 inch phone type), Trigger Input Jack (1/4 inch TRS phone type), Expression Pedal Jack (1/4 inch TRS phone type), MIDI Connectors (IN, OUT), Footswitch Jack (1/4 inch TRS phone type), CompactFlash Card Slot • **Power Supply** DC 9 V AC Adaptor • **Current Draw** 1,000 mA • **Dimensions** 342 (W) x 282 (D) x 83 (H) mm / 13-1/2 (W) x 11-1/8 (D) x 3-5/16 (H) inches • **Weight** 2.1 kg / 4 lbs 11 oz (excluding AC Adaptor) • **Accessories** Owner's Manual, AC Adaptor (ACI-120C/ACI-230C/ACB-230E/ACB-240A), Sampling CD, Slit Tape, Screws: 2, Hexagon Wrench

* The SPD-S's CompactFlash file system is developed by Kyoto Software Research, Inc.
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SPD-20 Total Percussion Pad

• **Max. Polyphony** 14 voices • **Number of Instruments** 700 • **Internal Memory** 99 Patches, 8 Patch Chains • **Sound Parameters** Instrument, Level, Pitch, Decay, Pan, Curve, Effect Send Level • **Effects** Reverb, Delay, Chorus, Flanger • **Number of Pads** 8 • **Display** 7-segment, 3-character LED • **Connectors** Output (L/Mono, R), Phones (Stereo), External Trigger Input* x 3 (Dual), Hi-Hat Control/Trigger4 Input* (Dual), MIDI (In, Out), Footswitch (Dual), AC IN *Trigger inputs 1 and 2 accept rim shots from the PD-7, -8, -9, -80R, -105, -120 and -125 while inputs 3 and 4 accept rim shots from the PD-7 and -9. • **Power Supply** AC12V AC Adaptor • **Current Draw** 420mA • **Dimensions** 450 (W) x 350 (D) x 70 mm (H) / 17-3/4 (W) x 13-13/16 (D) x 2-13/16 (H) inches • **Weight** 2.8 kg /6 lbs. 3 oz. (excl. AC adap-tor) • **Accessories** BOSS BRA-Series AC Adaptor, Slit Tape

SPD-6 Percussion Pad

• **Max. Polyphony** 6 voices • **Number of Instruments** 113 • **Internal Memory** Preset 16, User 16 • **Number of Pads** 6 • **Connectors** OUTPUT 1 (PHONES) / OUTPUT 2 (MONO), Pedal SW 1/2 (for DP-2, FS-5U) for Kick/Hi-Hat control, MIDI OUT, AC Adaptor • **Switches** SENS, POWER, BANK x 4, NUMBER x 4 - Control Volume • **Power Supply** DC 9V dry battery (AA type x 6) or AC adaptor (BOSS PSA series) • **Current Draw** 100mA • **Dimensions** 318 (W) x 241 (D) x 67 (H) mm / 12-9/16 (W) x 9-1/2 (D) x 2-11/16 (H) inches • **Weight** 1.6 kg / 3 lbs. 9 oz. (incl. Batteries) • **Accessories** MIDI cable, Battery AA type x 6 • **Option** PSA-Series AC Adaptor (BOSS)

HPD-15 HANDSONIC

• **Maximum Polyphony** 64 Voices • **Instruments** Pad Instruments: 600, Backing Instruments: 54 • **User Patches** 80 • **Patch Chains** 10 chains (32 steps per chain) • **Effect Type** Reverb, Multi-Effects • **Sequencer** User Patterns: 99 (Maximum), Tracks: 4, Play Functions: OneShot, Loop, Tap, Resolution: 96 ticks per quarter note, Recording Method: Real-time • **Tempo** 20-240 • **Display** 16 characters, 2 lines (backlit LCD) • **Controls** Volume Knob, Realtime Modify Knob 1/2/3, Ribbon L/R, D Beam Controller • **Pad** 10 inches, 15 sections, Pressure-Sensitive • **Connectors** Output Jacks (L (MONO), R), Phones Jack (stereo), Mix In Jack (stereo), Expression Pedal / Hi-Hat Control Jack, Trigger Input Jack (dual), Foot Switch Jack (dual), MIDI Connectors (IN, OUT/THRU) • **Output Impedance** 1k ohms • **Power Supply** AC Adaptor (DC 9V) • **Current Draw** 1000mA • **Dimensions** 406 (W) x 405 (D) x 98 (H) mm / 16 (W) x 16 (D) x 3-7/8 (H) inches • **Weight** 2.9 kg / 6 lbs 7 oz (Excluding AC Adaptor) • **Accessories** AC Adaptor (ACI/ACB Series), Label

RMP-1 Rhythm Coach Pack

RM-2: RHYTHM COACH
• **Maximum Polyphony** 4 voices (including 1 voice for Metronome) • **Internal Sounds** Pad inst: 28, Metronome inst: 11 • **Panel Control** Volume knob: 1, Function select buttons: 5, Power switch: 1 • **Connectors** Trigger input jack: 2 (stereo 1/4 inch phone type x 1, 1/4 inch phone type x 1), Phones/Output jack: 1 (stereo miniature phone type), Mix in jack: 1 (miniature phone type), AC adaptor jack • **Power Supply** Dry battery (LR6 (AA) type x 4) or DC 9V, AC adaptor, * Expected battery life under continuous use:, Alkaline: 10 hours (This figure will vary depending on the actual conditions of use.) • **Current Draw** 150 mA • **Dimensions** 148 (W) x 96 (D) x 62 (H) mm / 5-7/8 (W) x 3-13/16 (D) x 2-1/2 (H) inches • **Weight** 340 g / 12 oz (with batteries), 240 g / 9 oz (without batteries)
RP-2: V-PRACTICE PAD
• **Pad Size** 8 inches • **Trigger** 1 (Head) • **Dimensions** 264 (W) x 297 (D) x 60 (H) mm / 10-7/16 (W) x 11-3/4 (D) x 2-3/8 (H) inches • **Weight** 890 g / 2 lbs • **Stand Screw Size** M8
RMP-1: RHYTHM COACH PACK
• **Dimensions (RM-2 and RP-2)** 264 (W) x 350 (D) x 62 (H) mm / 10-7/16 (W) x 13-13/16 (D) x 2-1/2 (H) inches • **Weight** (including batteries) 1.2 kg / 2 lbs 12 oz • **Accessories** Dry battery (LR6 (AA) type) x 4, RM-2/RP-2 mounting screw x 2, Connection cable (0.2 m or 7 - 7/8 inches), Tuning key, Owner's manual

TDA-700 V-Drums Amplifier

• **Rated Power Output** 300W (LF 240W + HF 60W) • **Nominal Input Level** (1kHz) CHANNEL IN (CH1-CH3): -20dBu, STEREO LINK IN: +4dBu • **Nominal Output Level** (1kHz) LINE OUT: +4dBu (XLR type, Phone type), STEREO LINK OUT: +4dBu • **Speakers** 38cm (15inches) x 1, Horn Tweeter x 1 • **Connectors** V-DRUMS IN (STEREO) Jack, STEREO IN (CH1-CH3), STEREO LINE OUT (XLR type, Phone type), STEREO LINK IN Jack, STEREO LINK OUT Jack, HEADPHONES Jack • **Power Supply** AC 117, 230, 240V • **Dimensions** (including casters) 514 (W) x 538 (D) x 991 (H) mm / 20-1/4 (W) x 21-3/16 (D) x 39-1/16 (H) inches • **Weight** 52 kg / 114 lbs 11 oz *0 dBu = 0.775 Vrms

PM-3 Personal Monitor System

• **System Configuration** Speaker (x 2) + Woofer Unit • **Rated Power Output** Speaker: 50 W/8 ohms x 2, Woofer Unit: 100 W/4 ohms, Total: 200 W • **Nominal Input Level** Main Input: -10 dBm, Mix Input: -10 dBm • **Nominal Output Level** Line Output: -10 dBm • **Speakers** 4" Woofer + 2" Midrange + 1" Tweeter • **Woofer Unit** 10" Woofer x 2 • **Controls** Main Input Level Knob, Woofer Level Knob, High Knob, Mix In Level Knob, Power Switch • **Connectors** Main Input Jacks (L/MONO, R), Mix Input Jacks (L/MONO, R), Line Output Jacks (L, R), Speaker Jacks (L, R), Phones Jack (Stereo) • **Enclosure** Speaker: Sealed, Woofer Unit: Active Dual-Drive • **Power Supply** AC 117V, AC 230V, AC 240V • **Power Consumption** 160 W • **Dimensions** Speaker: 118 (W) x 115 (D) x 186 (H) mm / 4-11/16 (W) x 4-9/16 (D) x 7-3/8 (H) inches , Woofer Unit: 555 (W) x 335 (D) x 450 (H) mm, 21-7/8 (W) x 13-3/16 (D) x 17-3/4 (H) inches • **Weight** Speaker: 1.6 kg / 3 lbs. 9 oz. (each), Woofer Unit: 30 kg / 66 lbs. 3 oz. • **Accessories** Owner's Manual, Mount Bracket x 2, Screw (No.10-32UNF) x 8, Speaker Cable x 2

PM-1 Personal Monitor Amplifier

• **Rated Power Output** 60W • **Nominal Input Level** (1kHz) CH1 (MIC/LINE) XLR Type: -50dBu thru -20dBu, CH1 (MIC/LINE) PHONE Type: -50dBu thru -20dBu, CH2,3 (LINE): -20dBu, CH4 (MONO-TOR): -20dBu • **Nominal Output Level** (1kHz) LINE OUT: +4dBu • **Speakers** 30 cm (12 inches) x 1, Tweeter x 1 • **Connectors** CH1 INPUT Jack (XLR Type Balanced), CH1 INPUT Jack, CH2 INPUT Jack, CH3 INPUT Jack, CH4 INPUT Jack, LINE OUT Jack, PHONES Jack • **Power Supply** AC 117, 230, 240V • **Dimensions** 651 (W) x 487 (D) x 422 (H) mm / 25-11/16 (W) x 19-3/16 (D) x 16-5/8 (H) inches • **Weight** 21 kg/ 46 lbs 5 oz • **Options** APC-33 *0 dBu = 0.775 Vrms