

Roland®

Roland V-Drums Catalog 2008

V-Drums



New possibilities for drums, creativity begins here

Explore a new world of sound and control.

The drum kit redefined.

Complete freedom of expression.

Experience the revolutionary power of V-Drums.

In the quest to meet the needs of every drummer,
Roland continues to strengthen and expand its award-winning line of V-Drums®,
while steadfastly adhering to the highest quality standards.

When you play V-Drums, you can feel and hear the quality.

Experience a new world of expression, creativity, and inspiration that only V-Drums can offer.

V-Drums have become the global standard for drummers of every style and skill level.



Roland V-Drums



V-Drums Artists



Omar Hakim



Neil Peart



Gregg Bissonette



Thomas Lang



Jason Bittner

V-Pro® Series

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

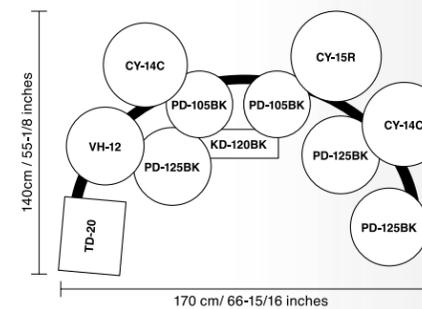
The V-Pro Series TD-20K is anchored by Roland's TD-20 module, famous for its stunning, ultra-expressive sound and powerful-yet-friendly V-Editing. The patented mesh V-Pads™ provide a comfortable, natural feel, a wide dynamic range, and authentic rimshot triggering, along with a cool look and striking finish. The V-Pro Series TD-20K also features Roland's innovative two-piece V-Hi-Hat® and a drum stand* designed to hide the cabling. It's the ultimate kit for the modern drummer!

*Not included

V-Pro Series TD-20K-BK

V-Pro Series TD-20K-BK

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



*Select a snare stand that can accept a 12-inch diameter fixed snare.
*A mesh material is used for the head of the KD-120BK. The use of plastic beaters is recommended because felt and wad beaters wear out quickly.

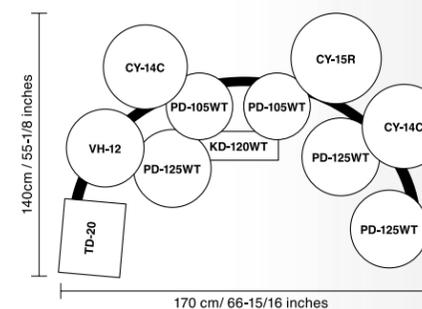


*Drum stand, snare stand, hi-hat stand and kick pedal not included and shown only for photography purposes.
*Connection cables are partially hidden for photography purposes.

V-Pro Series TD-20K-WT

V-Pro Series TD-20K-WT

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



*Select a snare stand that can accept a 12-inch diameter fixed snare.
*A mesh material is used for the head of the KD-120WT. The use of plastic beaters is recommended because felt and wad beaters wear out quickly.



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

TD-20K-BK

V-Stage® Series



TD-12KV-BK

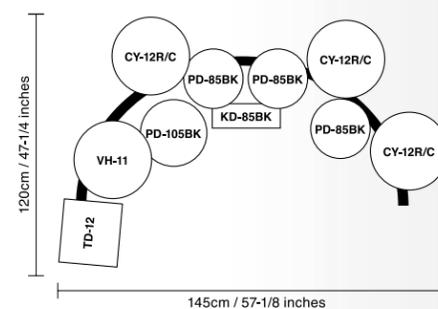
Professional Quality in a Compact Kit

Great feeling, great sounding — the V-Stage Series TD-12KV makes the middle range of the V-Drums® line feel like first class. With mesh V-Pads™ all the way around, the TD-12KV lets drummers experience the best-feeling pads in the business. The TD-12 percussion sound module share the same sound quality as the flagship TD-20.

V-Stage Series TD-12KV-BK

V-Stage Series TD-12KV-BK

Percussion Sound Module	TD-12	X 1
V-Pad (for Snare)	PD-105BK	X 1
V-Pad	PD-85BK	X 3
V-Hi-Hat	VH-11	X 1
V-Cymbal Ride/Crash	CY-12R/C	X 3
V-Kick Trigger Pad	KD-85BK	X 1
Drum Stand	MDS-12BK	X 1



*A mesh material is used for the head of the KD-85BK. The use of plastic beaters is recommended because felt and wad beaters wear out quickly.

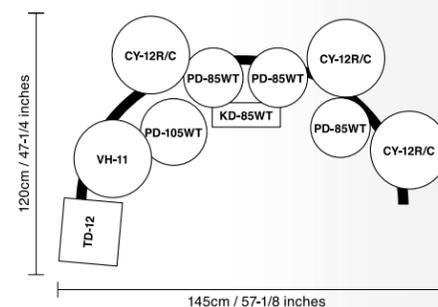


*Drum stand, hi-hat stand and kick pedal not included and shown only for photography purposes.
*Connection cables are partially hidden for photography purposes.

V-Stage Series TD-12KV-WH

V-Stage Series TD-12KV-WH

Percussion Sound Module	TD-12	X 1
V-Pad (for Snare)	PD-105WT	X 1
V-Pad	PD-85WT	X 3
V-Hi-Hat	VH-11	X 1
V-Cymbal Ride/Crash	CY-12R/C	X 3
V-Kick Trigger Pad	KD-85WT	X 1
Drum Stand	MDS-12BK	X 1



*A mesh material is used for the head of the KD-85WT. The use of plastic beaters is recommended because felt and wad beaters wear out quickly.



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

V-Tour® Series

Mid-Line Gets a First-Class Upgrade

For any type of gig, the V-Tour series enables the nuance of authentic drumming and more.

The TD-9 sound source delivers powerful, high-quality sound that cuts through the densest mixes. V-Tour kits also allow you to record and play along with backing songs and improve your drumming with accuracy meters. The sturdy MDS-9 drum stands provide the strength and flexibility to configure your kit exactly how you want it, and keep it firmly in place.

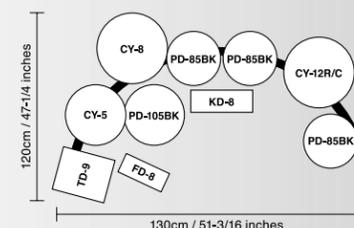
V-Tour Series TD-9KX

The TD-9KX, with mesh-head V-Pads, is equipped many features of Roland's top-line models, including a 10-inch PD-105 snare and CY-12R/C V-Cymbal with three-way triggering.

V-Tour Series TD-9KX

Percussion Sound Module	TD-9	X 1
V-Pad (for Snare)	PD-105BK	X 1
V-Pad	PD-85BK	X 3
V-Cymbal Ride/Crash	CY-12R/C	X 1
Dual-Trigger Cymbal Pad	CY-8	X 1
Dual-Trigger Cymbal Pad	CY-5	X 1
Kick Trigger Pad	KD-8	X 1
Hi-Hat Control Pedal	FD-8	X 1
Drum Stand	MDS-9	X 1

*TD-9 supports the rim-triggering on the V-Pads (Mesh) for Toms and the 3 way-triggering with CY-12R/C for Ride.



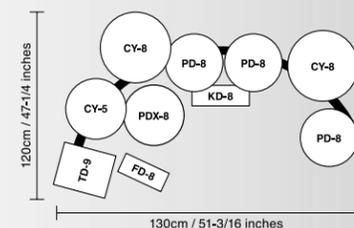
*Drum stand, and kick pedal not included and shown only for photography purposes.
*Connection cables are partially hidden for photography purposes.

V-Tour Series TD-9K

This popular kit features a 10-inch PDX-8 snare pad and PD-8 tom pad that responds beautifully to dynamics. The design of the TD-9 inspires expressive performance.

V-Tour Series TD-9K

Percussion Sound Module	TD-9	X 1
V-Pad (for Snare)	PDX-8	X 1
Dual-Trigger Pad	PD-8	X 3
Dual-Trigger Cymbal Pad	CY-8	X 2
Dual-Trigger Cymbal Pad	CY-5	X 1
Kick Trigger Pad	KD-8	X 1
Hi-Hat Control Pedal	FD-8	X 1
Drum Stand	MDS-9	X 1



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



The ball clamp system allows unrestricted angle adjustment

The MDS-9 drum stand used in the V-Tour series employs a ball clamp system for tilting snare drums and cymbals. Because it enables free rotation and fine adjustment in any direction, you can quickly set any angle you desire.

TD-9KX

V-Compact® Series



Great performance at a nice price

With the sound quality of flagship V-Drums®, Roland's V-Compact kits are a price/performance breakthrough.

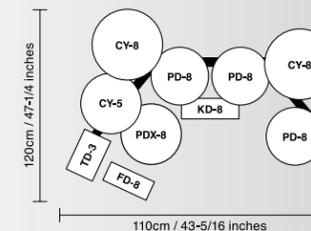
The heart of this compact system is the easy-to-use TD-3 V-Drums sound module, packed with great drum and percussive sounds, plus Rhythm Coach, a metronome, and a host of great features for practice and performance. Improve your drumming skills and have fun in the process.

V-Compact Series TD-3KW

This kit features the 10-inch PDX-8 V-Pad for the snare drum — a pad that's expressive, accurate, and comfortable to play. The TD-3KW makes a perfect first drum kit. It's affordable, compact, versatile, and provides a comfortable and fun drumming experience.

V-Compact Series TD-3KW

Percussion Sound Module	TD-3	X 1
V-Pad (for Snare)	PDX-8	X 1
Dual-Trigger Pad	PD-8	X 3
Dual-Trigger Cymbal Pad	CY-8	X 2
Dual-Trigger Cymbal Pad	CY-5	X 1
Kick Trigger Pad	KD-8	X 1
Hi-Hat Control Pedal	FD-8	X 1
Drum Stand	MDS-3C	X 1



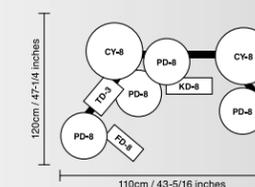
*Drum stand, and kick pedal not included and shown only for photography purposes.
*Connection cables are partially hidden for photography purposes

V-Compact Series TD-3Kit

TD-3Kit delivers outstanding cost performance in kit that's perfect for practice at home. With a minimal investment, you can enjoy drumming with world-class sound.

V-Compact Series TD-3Kit

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



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



Included with every V-Compact series drum kit is Roland's Play-Along audio CD, featuring 23 songs in a variety of musical styles. Feel like you're in the band, as you play along with the professionally recorded songs; each song is offered with and without a drum track.



Included with V-Tour/V-Compact series is a cable snake, conveniently color-coded and securely wrapped for easy setup and reliable, clean signal transfer.



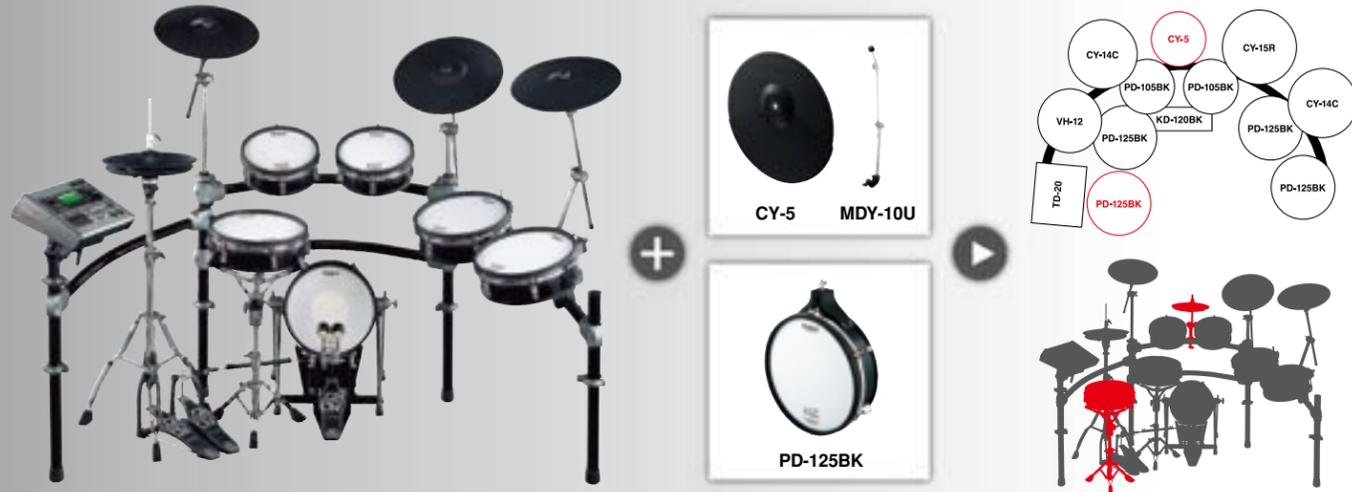
Easy to transport and store, V-Compact series rack can quickly fold to these dimensions: 110cm (4-3/8") Tall, 70cm (2-13/16") Wide, and 70cm (2-13/16") Deep.

TD-3KW

Options for Adding to V-Drum Kits

V-Pro® Series TD-20K

Expand the TD-20K with an additional CY-5 splash cymbal pad and PD-125BK second snare pad plus mounting hardware, as illustrated in the diagram.



V-Stage® Series TD-12KV

Expand the TD-12KV with an additional CY-5 splash cymbal pad and PD-85BK tom pad plus mounting hardware, as illustrated in the diagram.



V-Tour® Series TD-9KX

Expand the TD-9KX with an additional CY-8 crash cymbal pad and PD-85BK tom pad plus mounting hardware, as illustrated in the diagram.



V-Tour® Series TD-9K

Expand the TD-9K with an additional CY-12R/C ride/crash cymbal pad and PD-8 tom pad plus mounting hardware, as illustrated in the diagram.



V-Compact® Series TD-3KW

Expand the TD-3KW with an additional CY-8 crash cymbal pad plus mounting hardware, as illustrated in the diagram.



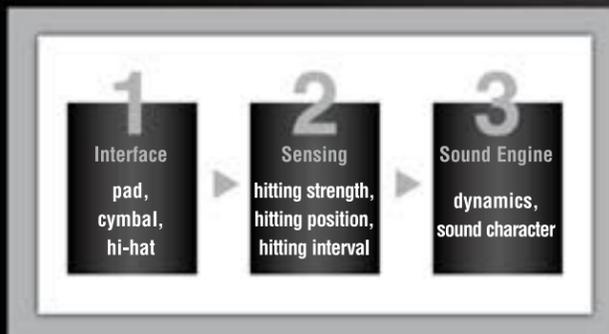
Roland V-Drums Innovation File No.01

Percussion Sound Module

Great-feeling mesh pads are only part of the V-Drums story. The heart and soul of our award-winning kits are the advanced, COSM®-modeling sound modules. The TD-series modules are unsurpassed in rich sound — both acoustic and electronic — and amazing expressiveness. Decades of extensive R&D combined with an incessant desire to be the very best has propelled Roland to the pinnacle of percussion technology.

Essential V-Drum Elements

In making the world's finest electronic drum kits, Roland has mastered these key performance elements: comfort, pinpoint accuracy, full-spectrum sensitivity, realistic positional control, and stunning sound quality. In harmony, these elements combine to create the world-famous V-Drums experience.



Unmatched Power, Articulation, & Sensitivity

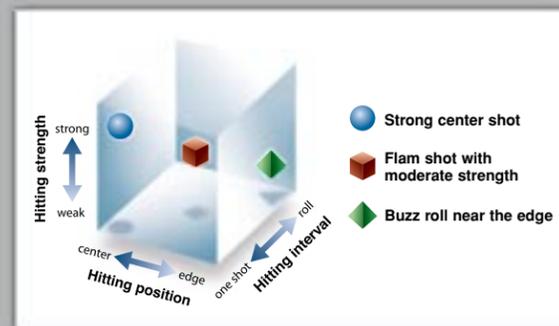
The V-Drums magic begins with the location and strength of the stick on the pad, as well as the intervals of the strokes. From weak to strong, from the center of the pad to the edge, from single-shots to rolls, your performance data is translated with lightning-fast accuracy by the V-Drums' central processor.

*Detection of hitting position and interval is only possible on the TD-20/12

Beyond Specs — Tapping Into the Intangible

Memory size and sampling rate alone do not determine the actual sound quality of an electronic musical instrument. Roland looks at sound quality on a higher level. In addition to pristine audio capture and modeling, we believe that the quality of source instrument, the skill of the sampling-session player, the quality of the studio and recording equipment, and many other intangible factors add up to give V-Drums an unbeatable edge.

Dimensions of Expression

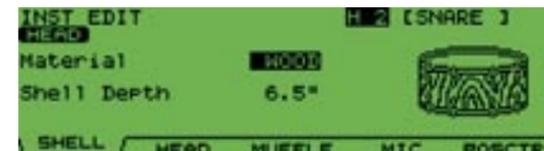
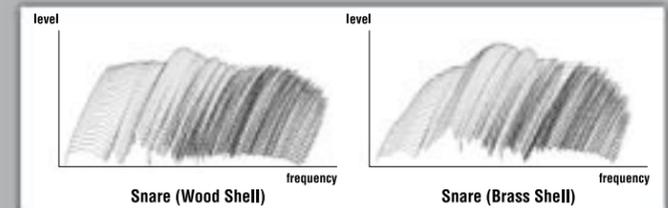


V-EDIT (TD-20/12)

Build Your Kit From the Ground Up

If you've never experienced the power and user-friendliness of Roland's V-Editing, you're in for an incredibly pleasant surprise. The TD-20 and TD-12's visual, icon-driven editing screens make it dead simple to create your own kits from scratch. Thanks to powerful COSM modeling technology, you can choose the shell material for the drums, the shell dimensions, the head types, snare-buzz amount, the amount of muffling, kick-drum beater type, the size of the cymbals, microphone positions, and more!

Frequency Plots



Shell Material/Depth

Build your own snare drum with COSM®-modeled shell material, such as wood, brass, and steel. The depth of the kick and toms can also be changed.



Head Type/Tuning

Here you can choose the type of drum head (such as 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, such as felt, wood, and plastic. *Only possible on the TD-20.



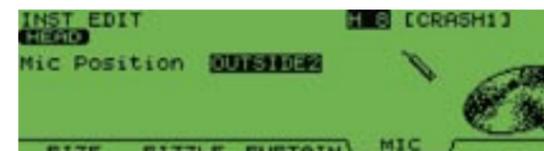
Cymbal Size

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. *The TD-12 only has rivets.



Mic Position

Choose the placement of your virtual microphones. *Only possible on the TD-20.



Snare Buzz

Add realistic snare drum buzz to give your kits even more expression. The amount of buzz* (the resonance created on the tom and bass drum) can be varied to get just the right effect. *Adjustment of buzz amount is possible only on the TD-20. *The TD-12 can only switch the buzz on and off.

Percussion Sound Module TD-20

V-EDIT Interval Control Ambience Effect Multi-Effects 6 Parts Sequencer 8 Direct Outputs

COSM V-LINK CompactFlash



REAR PANEL



SPECIFICATIONS

• **Sound Generator** Variable Drum Modeling • **Maximum Polyphony** 64 Voices • **Instruments** Drum Instruments: 560 (1,300,021 variations), 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 (for VH-12, VH-7 and 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 file system is developed by Kyoto Software Research, Inc. Fugue ©2004-2006 Kyoto Software Research, Inc. All rights reserved.



Percussion Sound Module TD-12

V-EDIT Interval Control Ambience Effect Multi-Effects 6 Parts Sequencer 2 Direct Outputs

COSM V-LINK



REAR PANEL



SPECIFICATIONS

• **Sound Generator** Variable Drum Modeling • **Maximum Polyphony** 64 Voices • **Instruments** Drum Instruments: 560 (172,161 variations), Backing Instruments: 262 • **Drum Kits** 50 • **Drum Kit Chains** 16 chains (32 steps per chain) • **Instrument Parameters** V-EDIT (KICK): Shell Depth, Head Type, Head Tuning, Muffling, Snare Buzz, V-EDIT (SNARE): Shell Material, Shell Depth, Head Type, Head Tuning, Muffling, Strainer Adjustment, V-EDIT (TOM): Shell Depth, Head Type, Head Tuning, Muffling, Snare Buzz, V-EDIT (HI-HAT): Cymbal Size, Fixed Hi-Hat, V-EDIT (CYMBAL): Cymbal Size, Sizzle Type, Sustain, 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: 5 types, Reverb (for backing part) • **Percussion Sets** 8 • **Sequencer** User Patterns: 100, Preset Patterns: 150, Parts: 6, Play Types: Oneshot, Loop, Tap, Tempo: 20—260, Resolution: 192 ticks per quarter note, Recording Method: Realtime, Maximum Note Storage: approx. 20,000 notes, Click Sounds: 20 types • **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** 64 x 240 dots (backlit graphic LCD), 7 segments, 3 characters (LED), Trigger Indicator (LED) • **Controllers** Faders: 6, Preview Button: (velocity: 3 steps) • **Connectors** Trigger Input Jack x 12, Hi-Hat Control Jack (for VH-12, VH-11 and FD-8), Master Output Jacks (L/MONO, R): 1/4 inch phone type, Direct Output Jacks (1, 2): 1/4 inch phone type, Headphones Jack: Stereo 1/4 inch phone type, Mix in Jack: Stereo 1/4 inch phone type, MIDI Connectors (IN, OUT/THRU), AC Inlet • **Output Impedance** 1.0 k ohms • **Power Supply** AC 115 V, AC 117 V, AC 220 V, AC 230 V, AC 240 V (50/60 Hz) • **Power Consumption** 13 W • **Dimensions** 260 (W) x 248 (D) x 108 (H) mm, 10-1/4 (W) x 9-13/16 (D) x 4-1/4 (H) inches • **Weight** 2.6 kg / 5 lbs 12 oz • **Accessories** Owner's Manual, Power Cord

The Best Sounds, the Most Expressive Performance

TD-20 is Roland's best-sounding percussion module ever, with over 500 sounds, plus superb dynamic range when used with the PD-125/105 V-Pads and VH-12 V-Hi-Hat®. Superior sensitivity lets drummers play more naturally and without having to adjust their playing technique. Rimshot and bass drum sounds can be varied depending on how they are played, and with Roland's interval control technology, drummers can create more realistic snare rolls and cymbal swells.

Advanced V-Editing

The modeling-based V-Editing starts from careful analysis of an entire drum sounds. Drummers are free to change parameters such as cymbal size, type of "sizzle" (e.g. rivets or chain), and microphone position. Several types of kick beaters can also be selected, including felt, wood, and plastic. For the hi-hat, you can also add a tambourine. The TD-20 can even model snare "buzz" (the resonance created on the tom and bass drum) for startling realism.

Enhanced Performance Features

Eight group faders let drummers adjust the mix balance of the kit's components, while 15 Pad Compressors and 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 such as Ambience and a Mastering Room for adding compression and EQ to the overall sound. A choice of 10 analog outputs and a S/PDIF digital output offer plenty of options when mixing live or in the studio. It also has 15 dual trigger inputs, so if you own a standard TD-20K drum kit, you have four extra inputs to add more pads.

Convenient CompactFlash Storage and More

The CompactFlash slot 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.

Unbeatable Sound

With the same stunning sound quality as the flagship TD-20, the TD-12 drum module provides hundreds of expressive instruments and play-along sequences in a streamlined, affordable package. Many of the sounds in the TD-12, from drums to cymbals, are COSM® modeled for the ultimate in expression and realism. The module provides the same large, icon-based LCD as its big brother (the TD-20), and is housed in a road-tough, metallic black chassis with a friendly array of buttons, controls, and mix sliders. Twelve trigger inputs are provided, plus four audio outputs and MIDI I/O.

Unrivaled V-Editing

Enjoy the dozens of expert-programmed kits in the TD-12 — from authentic acoustic sets to ultra-modern electronic flavors. But the fun doesn't stop there; customize your snare drum, toms, bass drum, and cymbals with the modeling-based V-Editing. Change sizes and materials, attach sizzles to cymbals, add snare buzz, and more. Then get out your sticks and enjoy! The TD-12 supports positional sensing on the snare and ride, as well as on the toms when you play rimshots. The TD-12 is also brush compatible, and features the authentic Interval Control feature for the snare and ride/crash/china cymbal, which varies the sound in natural ways based on the speed of stroke repetition.

Tap Into a New World of Style and Groove

From rich studio kits to bombastic arena monsters, the TD-12 can deliver amazingly authentic drum and percussion sounds. Pop, rock, jazz, hip-hop, you name it — the TD-12 has you covered. But in addition to its acoustic-modeled kits, the TD-12 also offers a crop of edgy, fun, and experimental sets that have been created for unique, modern music creation. With an emphasis on fun, these kits are laced with colorful COSM processing, filter fluctuations, auto-roll effects, tap-sequence patterns, loop patterns, and more. Let the inspiration begin! And if you want to build your chops (or perhaps steal the show), fire off one of the 150 patterns built into the TD-12 and play along.

Percussion Sound Module TD-9

Experience the performance power of V-drumming

Over 500 high-quality sounds are built into this impressive sound module. With the ability customize snare tuning, muffling, cymbal size, sustain, and more, you can create your own personalized drum kits. Another great feature of the TD-9 is its ability to incorporate audio data in its 50 backing songs for realistic and inspiring playback. Enjoy practicing with backing songs sourced from first-class musicians. The Quick Rec/Play function is a great way to gauge to your performance; a single button enables recording and playback of playing during minus-one accompaniment.

Easy-to-use interface with Scope feature

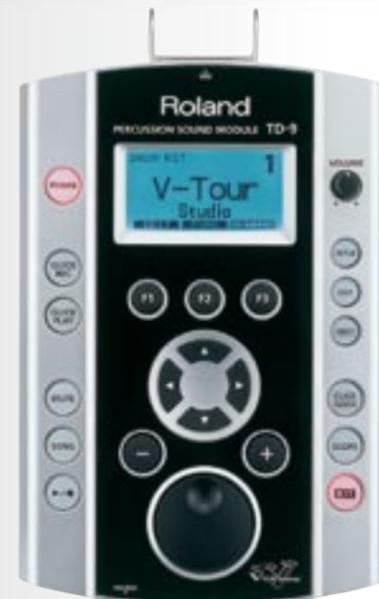
With its clean, friendly panel layout, the TD-9 is a breeze to use at home and onstage. In addition to its illuminated buttons, the stylish front panel contains a large and easily readable LCD that displays sound, tempo, and other vital information. When the Scope function is activated, the LCD graphically shows the timing of your performance. With both visual and aural reference, you can more effectively cultivate and maintain the rudimentary skills essential to drumming.

Unique features that only V-Drums provide

The TD-9 beautifully conveys the dynamics and nuance of your playing with features such as 3-way triggering on the V-Cymbal ride and support for rim shots on toms and snare. Other features enhance performance, such as the USB connector, which lets you incorporate audio data (wav files) — great for “one-man-band type” performances. You can also use the USB port to save data externally. The TD-9 is equipped with a metronome function and a Mix input to enable practice with songs from CD or digital-audio players. Inputs are also provided for adding pads and triggers* for a personalized setup.

*While the TD-9 uses a dedicated pad-input connector cable, there are also separate expansion jacks for two other trigger-input types (CRASH2, AUX).

Percussion Sound Module TD-9



■ TOP PANEL



■ SIDE PANEL



■ SPECIFICATIONS

• **Instruments** Drum Instruments: 522 • **Drum Kits** 50 • **Instrument Parameters** KICK: Head Tuning, Muffling, SNARE: Head Tuning, Muffling, TOM: Head Tuning, Muffling, HI-HAT: Cymbal Size, Fixed Hi-Hat, CYMBAL: Cymbal Size, Sustain, Others: Pitch, Decay • **Effect Types** Ambience (9 Types), 2-Band Equalizer • **Ambience Parameters** Room Type, Room Size, Wall Type, Mic Position, Room Shape • **Mixer Parameters** Volume, Pan • **Percussion Set 1** • **Song** Preset Songs: 50, Parts: 4, Play Functions: One shot, Loop, Repeat, Tempo: 20-300 • **Quick Rec** Resolution: 480 ticks per quarter note, Recording Method: Real-time, Maximum Note Storage: approx. 32,000 Notes • **File Format** Audio File: WAV • **Display** 64 x 128 dots Graphic Type LCD (backlit LCD) • **Connectors** Trigger Input connector (DB-25 type), (Kick, Snare, Tom1, Tom2, Tom3, Hi-Hat, Crash1, Ride, Ride Bell, Hi-Hat Control), Extra Trigger Input Jacks: 2 (CRASH2, AUX)(Stereo 1/4 inch phone type), Output Jacks (L (MONO), R) (Stereo 1/4 inch phone type), Phones Jack (Stereo 1/4 inch phone type), Mix in Jack (stereo miniature phone type), MIDI Connectors (IN, OUT/THRU), USB Connector (for USB Memory) • **Output Impedance** 1.0 k ohms • **Power Supply** AC Adaptor (DC 9 V) • **Current Draw** 500 mA • **Dimensions** 160 (W) x 88.5 (D) x 259.5 (H) mm/ 6-5/16 (W) x 3-1/2 (D) x 10-1/4 (H) inches • **Weight** 850 g / 1 lb 14 oz (excluding AC Adaptor) • **Accessories** Owner's Manual, Quick Start Guide, AC Adaptor (PSB-1U), Special Connection Cable, Wing Bolt (M5 x 10) x 2, Sound Module Mounting Plate

Percussion Sound Module TD-3

Amazing Drum Sounds at Your Fingertips

The TD-3 Percussion Sound Module boasts 114 world-class drum and percussion sounds, and 32 kits – including separate head/rim triggering on the snare and bow/edge triggering on the hi-hat. It's also easy to use, so you can start playing right way. 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 quality.

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 List

Display	Parameter	level/type	Practice Content
<i>rhy</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>tch</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>qct</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, challenging you to maintain the proper tempo throughout.
<i>spd</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>gud</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>sud</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>cnt</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.

■ Ambience Type

Type	Description	
n 1, n 2, n 3	Natural room reverberation.	As the number increases the room size changes, making the effect more obvious.
b 1, b 2, b 3	Light, airy reverberation.	
d 1, d 2, d 3	Warm and mellow reverberation.	
c 1, c 2, c 3	Boosted attack gives the sound greater punch. Warm reverberation is also added.	More compression is applied as the number increases, giving the sound greater "punch."
C 1, C 2, C 3	Boosted attack gives the sound greater punch. Shallow room reverberation is also added.	



■ REAR PANEL



■ SIDE PANEL



■ SPECIFICATIONS

• **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

Which V-Drums Sound Module is Best For You?

Percussion Sound Module **TD-3**

Coach Ambience Effect



Drum Instruments	114
Drum Kits	32
Preset Songs	×
Trigger Input	9
V-EDIT	×
Practice Functions	Coach (Variations: 7)
Interval Control	×
Metronome Sound	10
Group Faders	×
Digital Out	×
V-Hi-Hat Compatibility	×
Multi-Effects	×
Quick Rec	×
Data Save	MIDI



V-Compact Series TD-3KW

Percussion Sound Module	TD-3	X 1
V-Pad (for Snare)	PDX-8	X 1
Dual-Trigger Pad	PD-8	X 3
Dual-Trigger Cymbal Pad	CY-8	X 2
Dual-Trigger Cymbal Pad	CY-5	X 1
Kick Trigger Pad	KD-8	X 1
Hi-Hat Control Pedal	FD-8	X 1
Drum Stand	MDS-3C	X 1

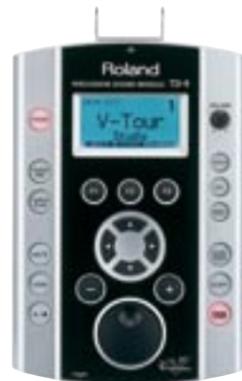


V-Compact Series TD-3Kit

Percussion Sound Module	TD-3	X 1
Dual-Trigger Pad	PD-8	X 4
Dual-Trigger Cymbal Pad	CY-8	X 2
Dual-Trigger Cymbal Pad	CY-5	X 1
Kick Trigger Pad	KD-8	X 1
Hi-Hat Control Pedal	FD-8	X 1
Drum Stand	MDS-3C	X 1

Percussion Sound Module **TD-9**

Quick Rec/Play Scope Ambience Effect USB



Drum Instruments	522
Drum Kits	50
Preset Songs	50
Trigger Input	8+2
V-EDIT	×
Practice Functions	Scope
Interval Control	×
Metronome Sound	15
Group Faders	×
Digital Out	×
V-Hi-Hat Compatibility	VH-11 (Option)
Multi-Effects	×
Quick Rec	○
Data Save	USB Memory



V-Tour Series TD-9KX

Percussion Sound Module	TD-9	X 1
V-Pad (for Snare)	PD-105BK	X 1
V-Pad	PD-85BK	X 3
V-Cymbal Ride/Crash	CY-12R/C	X 1
Dual-Trigger Cymbal Pad	CY-8	X 1
Dual-Trigger Cymbal Pad	CY-5	X 1
Kick Trigger Pad	KD-8	X 1
Hi-Hat Control Pedal	FD-8	X 1
Drum Stand	MDS-9	X 1



V-Tour Series TD-9K

Percussion Sound Module	TD-9	X 1
V-Pad (for Snare)	PDX-8	X 1
Dual-Trigger Pad	PD-8	X 3
Dual-Trigger Cymbal Pad	CY-8	X 2
Dual-Trigger Cymbal Pad	CY-5	X 1
Kick Trigger Pad	KD-8	X 1
Hi-Hat Control Pedal	FD-8	X 1
Drum Stand	MDS-9	X 1

Percussion Sound Module **TD-12**

V-EDIT Interval Control Ambience Effect Multi Effects 6 Parts Sequencer 2 Direct Outputs



Drum Instruments	560
Drum Kits	50
Preset Songs	150
Trigger Input	12
V-EDIT	○
Practice Functions	×
Interval Control	○
Metronome Sound	20
Group Faders	6
Digital Out	×
V-Hi-Hat Compatibility	VH-12/11
Multi-Effects	5
Quick Rec	×
Data Save	MIDI



V-Stage Series TD-12KV-BK

Percussion Sound Module	TD-12	X 1
V-Pad (for Snare)	PD-105BK	X 1
V-Pad	PD-85BK	X 3
V-Hi-Hat	VH-11	X 1
V-Cymbal Ride/Crash	CY-12R/C	X 3
V-Kick Trigger Pad	KD-85BK	X 1
Drum Stand	MDS-12BK	X 1



V-Stage Series TD-12KV-WH

Percussion Sound Module	TD-12	X 1
V-Pad (for Snare)	PD-105WT	X 1
V-Pad	PD-85WT	X 3
V-Hi-Hat	VH-11	X 1
V-Cymbal Ride/Crash	CY-12R/C	X 3
V-Kick Trigger Pad	KD-85WT	X 1
Drum Stand	MDS-12BK	X 1

Percussion Sound Module **TD-20**

V-EDIT Interval Control Ambience Effect Multi Effects 6 Parts Sequencer 2 Direct Outputs



Drum Instruments	560
Drum Kits	50
Preset Songs	100
Trigger Input	15
V-EDIT	◎
Practice Functions	×
Interval Control	○
Metronome Sound	20
Group Faders	8
Digital Out	○
V-Hi-Hat Compatibility	VH-12/11
Multi-Effects	14
Quick Rec	×
Data Save	CF/MIDI



V-Pro Series TD-20K-BK

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



V-Pro Series TD-20K-WT

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

V-Pad **PD-125BK / PD-125WT**



PD-125BK PD-125WT

Our Most Sensitive V-Pads Ever!

How do you improve upon the world's most popular electronic percussion pads? Start by designing a sensor mechanism for more accurate triggering, and then give 'em a cool black or white finish! The 12-inch PD-125BK/PD-125WT and 10-inch PD-105BK/PD-105WT mesh V-Pads

V-Pad **PD-105BK / PD-105WT**



PD-105BK PD-105WT

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 rimshot capabilities on the toms — including the actual "rim click" sound*. *Rim triggering on toms requires TD-20, TD-12 or TD-9 Percussion Sound Module.

V-Pad **PD-85BK / PD-85WT**



PD-85BK PD-85WT

Rimshot-Ready Mesh Pads

The 8" dual-zone V-Pads feature Roland's latest dual-triggering technology, resulting in more consistent and accurate sensing between the head and rim. Built tank-tough and ready to take a pounding, these pads are available in black or white finishes with chrome brackets. When used as tom-toms for the TD-20 and TD-12 sound modules, the pads let you play rimshots, and the sound will change depending on the strength of your stroke.

V-Pad **PDX-8**

Improved V-Pad for Snare

Roland's mesh V-Pad (PDX-8) offers an expanded 10-inch rim and wider playing area. It separates head and rim triggering for authentic performance.



Dual-Trigger Pad **PD-8**

The Rock-Solid, Fast-Action 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 rimshots on the toms or bow/edge sounds on the hi-hat when used with the Roland TD-series percussion modules*.



*The TD-3 does not support head/rim triggering on the toms.

V-Kick Trigger Pad **KD-120BK / KD-120WT**

Natural Triggering with Double Pedal Support

Roland's time-tested KD-120 V-Kick Trigger Pad, is available in black or white finishes to 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).



KD-120BK KD-120WT

V-Kick Trigger Pad **KD-85BK / KD-85WT**

A Rock-Solid Foundation

Sink your beater into this solid, great-feeling mesh kick pad — available in black or white finishes. It offers improved pad cushioning for a better feel, and can accommodate double bass pedals (sold separately). Torture-tested for quality assurance, this pad has the stamina and stability to handle the toughest poundings.



KD-85BK KD-85WT

Kick Trigger Pad **KD-8**

Slim-Line Pedal that Feels Great

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



Kick Trigger **KD-7**

Responsive Kick Triggering for Any Percussion Setup

This velocity-sensitive kick drum trigger can be used with a standard kick drum pedal. It features a mix input for chaining two KD-7's together for a double-bass setup, and comes with a beater and connection cable (kick drum pedal not included). The KD-7 is the ideal kick trigger for use with the HPD-15/HPD-10.



Mesh Replacement Heads **MH-12/10/8**

Patented V-Drums Mesh Heads

These replacement mesh heads (developed in partnership with REMO® USA) are designed to perfectly fit Roland's full range of V-Pads. *Available as replacement parts.



Roland V-Drums Innovation File No.02

V-Pad & V-Kick Trigger Pad

Roland proudly offers the best-feeling drum pads in the business. Experience the comfortable feel of our patented mesh-head pads, and enjoy the realism and quiet action that these pads provide. For the utmost in personalization, the head of each pad can be tensioned to your taste, just like real drums. And speaking of quiet comfort, the V-Pads' rims are rubber-coated to keep rimshots as quiet as the mesh.

What is a mesh head?

Mesh drum pads have the distinct advantage of being quiet and realistic in feel. The secret is the material, woven from special fabric. This material is very durable, and provides a remarkably natural touch, just like an acoustic drum head. Now you can practice in silence without ever having to worry about sore wrists.



Hi-Hat Control Pedal **FD-8**

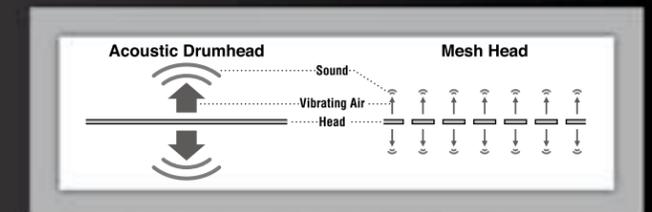
Perfect for Compact Kits and Roland Percussion Pads

Thanks to Roland's 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 look of the V-Tour® and V-Compact® Series.



How it works

When an acoustic drumhead is struck, the surrounding air vibrates and a sound is produced. The harder it is struck, the more the head moves and the larger the sound. With Roland's patented mesh head (multi-layered for superior feel and strength), the air is released from the gaps in the mesh fabric, so the surrounding air does not vibrate. This is what makes a mesh head so quiet.



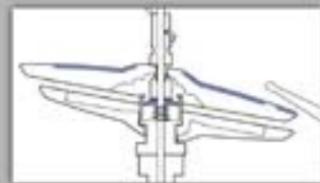
Roland V-Drums Innovation File No.03

V-Hi-Hat

Advanced Sensor Technology for Ultimate Realism

In creating the world's finest modeled hi-hat, Roland embarked upon a time-intensive mission to create a virtual hi-hat that would perform like the real thing. The winning formula features three different types of sensors on the top of the cymbal's bow, the edge, and in the center of the bottom cymbal where it detects the foot pedal movements. Sophisticated triggering data, such as the distance between the top and bottom cymbals, are detected by having the three sensors working perfectly in sync. The end result is amazing playability and realism, with the same nuances and tonal coloration of an acoustic hi-hat.

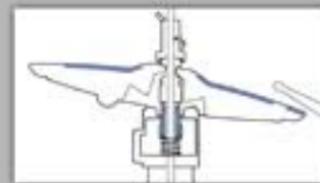
■ VH-12 Sensors [highlighted in blue]



VH-12 Technology in a Compact, One-Piece Format

Derived from the groundbreaking VH-12 hi-hat, Roland's VH-11 combines two hi-hat cymbals into one with an ingenious one-piece floating design. Amazingly, it performs like a real hat, and provides a realistic up/down pedaled response thanks to the stationary base mounted below the cymbal pad. With the combination of two sensors on the bow and edge, plus a motion sensor unit mounted in the center, subtle nuances (including foot movement) can be achieved. The one-piece design makes for easy setup on conventional hi-hat stands.

■ VH-11 Sensors [highlighted in blue]



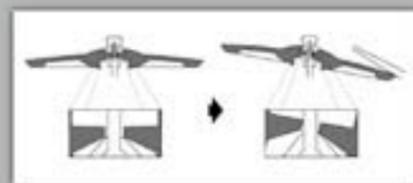
Roland V-Drums Innovation File No.04

V-Cymbal

Quest For the Perfect V-Cymbal

Developing the ultimate electronic cymbal required the Roland design to create numerous prototypes comprised of a wide range of materials. After extensive research, the team arrived at the perfect combination of internal and exterior materials that are durable and can properly simulate the resistance and swing amount that drummer's feel when an acoustic cymbal is struck.

■ Swing Mechanism of V-Cymbals



The Technology Within

What may look like a simple rubber/plastic disc is actually a sophisticated slice of cutting-edge technology. Inside the V-Cymbal's bell and edge is a thin film-like sensor that lies beneath the rubber playing surface. The sensors detect sticking position, velocity, and edge pressure (for cymbal choking). This complex detection and calculation happens instantly, providing drummers with a realistic and accurate playing experience. A small but important Roland design principle is that the cymbals are not completely round, which minimizes vibration that can cause mis-triggering.

■ V-Cymbal Explained (CY-15R)



Ultra-sensitive sheet-like sensors (shown in blue) are located beneath the bell and the edge. Under the bow area is a sensor for detecting the strength and location of the impact.

* V-Cymbal Technology for use under one or more of U.S. Pat. Nos. 6,632,989 / 6,881,885 U.S. Patent Pending

V-Hi-Hat VH-12



The First Electronic Hi-Hat, Designed Like an Acoustic

Wow! That's what you'll say once you try the 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, it mounts on an acoustic hi-hat stand! The VH-12 uses top and bottom cymbals with full motion capability for ultra-natural stick/pedal work, and is designed to

work with the TD-20/12'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.

V-Hi-Hat VH-11



Realistic Feel, Streamlined Design

With eyes closed, drummers will think they're playing a regular two-piece hi-hat. But examine the innovative VH-11 floating hi-hat, and you'll see that it's actually comprised of one floating cymbal pad atop a fixed lower base. Great for fast setup and easy transport, the VH-11 mounts on conventional hi-hat stands, and provides a similar playing feel to a 2-piece hi-hat. The VH-11 is fully compatible with Roland's TD-20, TD-12, TD-9, and can be used with the TD-10 w/TDW-1, TD-8, TD-6V, and TD-6.



V-Cymbal Ride **CY-15R**

Natural, Three-Way Triggering and Swinging Motion

The CY-15R V-Cymbals Ride is a 15-inch cymbal that offers natural swinging movement and ultra-dynamic three-way triggering (edge/bow/bell) when used with the TD-20, TD-12, and TD-9, 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.



V-Cymbal Crash **CY-14C**

This Crash Cymbal Really Swings!

The CY-14C V-Cymbals 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 whenever the cymbal is struck.



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

Compact, Triple-Trigger Cymbal

This 12-inch electronic cymbal brings breakthrough V-Cymbal technology to a very affordable price point. This expressive 3-way trigger* cymbal offers the natural rebound, inertia, and natural “swinging” motion of an acoustic cymbal, plus cymbal choke capabilities. Use it as crash or a compact ride cymbal. *3-way triggering is capable when used with the TD-20, TD-12 and TD-9 sound module.



Dual-Trigger Cymbal Pad **CY-8**



Dual-Trigger Cymbal with Choke Control

Sporting a refined look that more closely resembles an acoustic cymbal, the CY-8 Dual-Trigger Cymbal Pad offers precise and accurate triggering for both crash and ride purposes — complete with natural “swinging” motion and cymbal “choke” capability.

Dual-Trigger Cymbal Pad **CY-5**



Improved Cymbal Pad for Hi-Hat or Splash

The cymbal pad (CY-5) features a 12-inch playing zone and swing movement for more drummer-friendly triggering. The pad also provides separate bow and edge triggering. The CY-5 can be also used as an additional cymbal pad, such as a splash, on V-Drums kits.

■ V-Cymbal

V-Cymbal	Size	Trigger (playing area)	Choke	Position Sensing
CY-15R	15"	Bell / Bow / Edge*2	○	○*1
CY-14C	14"	Bow / Edge	○	×
CY-12R/C	12"	Bell / Bow / Edge*2	○	○*1
CY-8	12"	Bow / Edge	○	×
CY-5	10"	Bow / Edge	○	×

*1 Possible when use with the TD-20/12. *2 Possible when use with the TD-20/12/9.

Drum Stand **MDS-20BK**



Ergonomic Design and Striking Looks

Roland's MDS-20BK Drum Stand offers a stylish curved look that keeps everything within reach. All cabling is hidden neatly inside the tubing, and the hardware is extremely durable, thanks to aluminum T-fittings. The raked design is perfect for mounting additional pads, such as VH-12 V-Hi-Hat® or SPD-S using optional stands. And changing the height is quick and easy; vertical adjustments with quick-release cam levers are provided on each of the stand's legs and the two cymbal stands, allowing the tiers to remain in place.

Drum Stand **MDS-12BK**



Solid, Stylish Drum Stand

Mount your V-Drums® in style and stability with the MDS-12BK. Featuring Roland's sturdiest grip clamps, this rock-solid rack let's you play with confidence, knowing that your drum and cymbal pads will remain locked in position. For a clean appearance and quick setup, the cabling can be concealed inside the pipes. The MDS-12BK's open-leg design makes hi-hat placement more convenient, and its wide design lets you to easily expand your kit with additional drum, cymbal, and percussion pads. Optional PM-30 Satellite speakers can be mounted on the center poles without the need for boom clamps (speaker bases are required).

Drum Stand **MDS-9**



Convenient and Stable Drum Stand

The new MDS-9 drum rack offers a sturdy four-leg design with new, improved ball-clamp snare and cymbal mounts for fast, flexible component placement.

Drum Stand **MDS-3C**



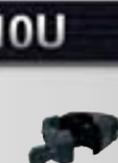
The Perfect Portable Partner

A sturdy and ultra-affordable drum stand for use with the V-Drums V-Compact®.

Cymbal Mount **MDY-10U**



Pad Mount **MDH-10U**



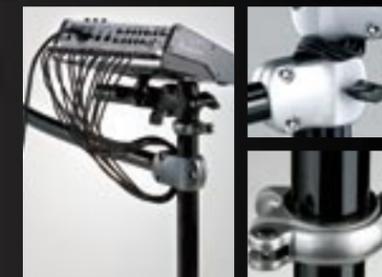
The MDY-10U is a flexible, sturdy cymbal mount for V-Cymbal Pads or a BOSS DB-90 metronome. Its foldable design makes set up and teardown a snap. The MDH-10U is a rock-solid pad mount that's also friendly for setup and teardown. It holds V-Pads and Trigger Pads.

Roland V-Drums Innovation File No.05

Drum Stand

Solid, Stylish Stands With Simple Set-Up

Form and function unite in Roland's tough, attractive MDS-series drum stands. Adding to the sleek, clean appearance are concealed cables inside the tubes of the MDS-20BK and MDS-12BK. Both stands are constructed of sturdy steel pipes. The MDS-20BK features a quick-release cam lever to adjust height. The more affordable MDS-3C can be folded up with pads and sound module mounted for portability and storage convenience.



Personal Monitor Advanced Amplification for V-Drums® **PM-30**



Advanced Amplification for V-Drums

The PM-30 is a 2.1-channel advanced speaker system. With 200 watts of Class-D power, a high-performance 12" woofer with tweeter, a pair of 4" satellite speakers, and a proprietary DSP engine, the PM-30 delivers powerful, full-range sound in a convenient and portable package. The selectable Full-Range and Subwoofer modes let you customize low-frequency performance, while the built-in 3-band EQ lets you fine-tune the tone. A solid crossbar spans the top of the base unit for convenient carrying. The satellite speakers can be clamped onto the crossbar or mounted onto a drum rack.

■ SPECIFICATIONS

• **Rated Power Output** 200 W (Main Unit 100 W x 2) • **Nominal Input Level (1 kHz)** INPUT Channel 1 (V-DRUMS): -10 thru +4 dBu, (LINE IN): -20 thru +4 dBu, Channel 2 (LINE IN): -10 thru +4 dBu, Channel 3 (LINE IN): -10 thru +4 dBu • **Nominal Output Level** LINE OUT: +4 dBu, SPEAKER OUT: 50 W/4 ohms • **Speakers** Main Unit: 30 cm (12 inches) x 1 (Woofer), 7.7 cm (3 inches) x 1 (Tweeter), Satellite Speaker: 10 cm (4 inches) x 2 (Full Range) • **Controls** <V-DRUMS> Channel 1> PUNCH Switch, Volume Knob <Channel 2> VOLUME Knob <Channel 3> VOLUME Knob <Woofer Control> Mode Select Switch, Volume Knob <MASTER> BASS Knob (Equalizer), MIDDLE knob (Equalizer), TREBLE knob (Equalizer), VOLUME Knob, POWER Switch • **Indicator** POWER • **Connectors** Main Unit: <V-DRUMS> Channel 1> V-DRUMS INPUT Jack (stereo 1/4" phone type), LINE IN Jack (1/4" phone type) <Channel 2> LINE IN Jack (1/4" phone type) <Channel 3> LINE IN Jack (1/4" phone type / RCA PIN type), LINE OUT Jack (1/4" phone type), SPEAKER OUT Jack (1/4" phone type), PHONES Jack (Stereo 1/4" phone type), Satellite Speaker: INPUT Jack (1/4" phone type) • **Power Supply** AC 117 V, AC 230 V, AC 240 V (50/60 Hz), AC 220 V (60 Hz) • **Power Consumption** 63 W • **Dimensions** Main Unit: 451 (W) x 482 (D) x 482 (H) mm / 17-13/16 (W) x 19 (D) x 19 (H) inches (Excluding casters), 451 (W) x 482 (D) x 533 (H) mm / 17-13/16 (W) x 19 (D) x 21 (H) inches (Including casters), Satellite Speaker: 152 (W) x 158 (D) x 209 (H) mm / 6 (W) x 6-1/4 (D) x 8-1/4 (H) inches • **Weight** Main Unit: 24.3kg / 53 lbs 10 oz (Excluding casters), 25.0 kg / 55 lbs 2 oz (Including casters), Satellite Speaker: 2.2 kg / 4 lbs 14 oz (for each) • **Accessories** Mount Bar x 2, Clamp x 2, Speaker Cable (3.5 m) x 2, Caster x 4, Owner's Manual * 0 dBu = 0.775 Vrms



Personal Monitor for V-Drums **PM-10**



Solid, Portable Sound Reinforcement

Designed as a portable companion for Roland's V-Drums, the PM-10 is equipped with a 30-watt amplifier and a 10" 2-way coaxial speaker. Its compact design is perfect for small-sized drum kits, such as the TD-3KW, and the TD-9KX/TD-9K. Jam along with your favorite songs by connecting an external CD or MP3 player to the Line In jack. Balance the V-Drums and the external audio with the dedicated volume controls; adjust the tone with the built-in 2-band EQ.

■ SPECIFICATIONS

• **Rated Power Output** 30W • **Nominal Input Level/Impedance** V-DRUMS Input: 0dBu/20k ohms, LINE Input 0dBu/20k ohms • **Speakers** 10" (250 mm) Woofer + 3" (77 mm) Tweeter (Coaxial, 2-way) • **Enclosure** Bass-reflex type • **Controls** V-DRUMS Volume Knob, LINE Volume Knob, BASS Knob, TREBLE Knob, POWER SW • **Indicator** POWER • **Connectors** V-DRUMS Input Jack (Stereo 1/4" phone type) LINE Input Jack (Stereo 1/4" phone type) • **Power Supply** AC 117 V, AC 220 V, AC 230 V, AC 240 V (50/60 Hz) • **Power Consumption** 36W • **Dimensions** 364 (W) x 396 (D) x 352 (H) mm / 14-3/8 (W) x 15-5/8 (D) x 13-7/8 (H) inches • **Weight** 12 kg / 26 lbs 8 oz • **Accessories** Owner's Manual Power Cord * 0 dBu = 0.775 Vrms



V-Drums Mat **TDM-20 / TDM-10**

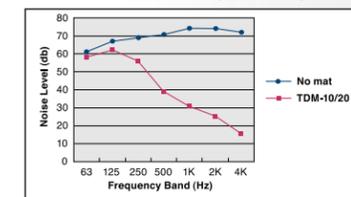


Prevent your drum components from slipping while simultaneously safeguarding your floor from scratches and reducing impact noise/vibration. Roland's TDM-10 and TDM-20 heavy-duty drum mat is adorned with the Roland V-Drums logo. The mat is available in medium and large sizes.

■ SPECIFICATIONS

(TDM-20) • **Dimensions** 1,600 (W) x 1,500 (D) x 8 (H) mm / 63 (W) x 59-1/16 (D) x 0-3/8 (H) inches • **Weight** 3.0 kg / 6 lbs. 10 oz.
(TDM-10) • **Dimensions** 1,200 (W) x 1,300 (D) x 8 (H) mm / 47-1/4 (W) x 51-3/16 (D) x 0-3/8 (H) inches • **Weight** 2.1 kg / 4 lbs. 11 oz.

■ Floor shock Noise Test (JIS' A1418)



*JIS: Japanese Industrial Standards



TDM-20



TDM-10

V-Drums Accessory Package **DAP-3 / DAP-1**

Essential Accessories for V-Drummers

This handy drum accessory package is ideal for entry-level V-Drums owners, allowing them to start playing their V-Drums right out of the box.

DAP-3 Components

- Kick Pedal
- Drum Throne
- Drum Sticks



DAP-1 Components

- Drum Throne
- Drum Sticks
- Audio Cable
- Mini plug, Cable length: 375 mm / 14-13/16"
- In-ear headphones



Headphones

High-quality headphones faithfully reproduce the powerful, dynamic sound of V-Drums.

Stereo Headphones **RH-300**

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



Stereo Headphones **RH-200 / RH-200S**

With 40mm (1-5/8") drivers, the RH-200/RH-200S headphones offer the clarity, sonic accuracy, and comfort needed for mixing and silent practice. They also feature a gold-plated 1/8-inch stereo connector with 1/4" adapter.



Stereo Headphones **RH-D30**

Optimized for high-impact onstage performance, RH-D30 headphones are light and comfortable with superior isolation, powerful and clear sound, and a super-wide frequency range. Other features include high-capacity 45mm (1-13/16") drivers and 180-degree rotating earpieces (90-degrees transverse). Carrying pouch included.



Stereo Headphones **RH-D20**

Similar in design to the RH-D30, the RH-D20 has 40mm (1-5/8") drivers. Lightweight and comfortable for extended wearing, the RH-D20 provides superior sound isolation, balanced sound across the frequency spectrum, and 180-degree rotating earpieces for single-ear monitoring (90-degrees transverse). Carrying pouch included.



Open-Air Headphones **RH-A30**

Roland's new open-air-type headphones are made for musicians who don't want total isolation from surrounding sounds. For maximum comfort during extended sessions, the RH-A30's ear pads have been newly designed.



Roland Inner Ear Headphones **RH-IE3**

These attractive in-ear headphones feature aluminum housings, gold-plated plugs, and advanced drivers for a balanced, full-range sound with deeper bass and extended frequency performance. Longer shaft arms ensure easy mounting and detaching.



■ OPTIONS

Pad Stand **PDS-10**

Height: 643 - 1,093mm / 25-3/8 inches
Weight: 3.8kg / 8 lbs 7 oz



All Purpose Clamp **APC-33**

This clamp can be used to attach an SPD-series percussion pad to a conventional cymbal stand for use with a V-Drums or acoustic drum kit.



Cymbal Parts Set **CYM-10**

This package includes three essential components; Stopper, Felt Washer, and Wing Nut. Compatible products include all Roland CY series Cymbals.



Mounting Plate **MDP-7**

The MDP-7 is the mounting plate for TD-series sound modules such as the TD-3, TD-12, and TD-20 when customers want to attach the sound module to the new MDS-9.



Pedal Switch **DP-2**



FootSwitch **FS-5U / FS-6**



These rugged footswitches can be used for changing patches, start/stop, tempo, or other parameters. They can be used with the TD-20/10/8, SPD-series, and HandSonic.

Connection Cable **PCS-31L**

Using the PCS-31L, you can connect two single-trigger pads to a particular stereo trigger input* on a TD-Series module — a great way to get more pads in your system. *Please refer to (*6) of p. 38.



AC Adaptor **PSA-120S**

The new and improved PSA-120S power adaptor features increased output of 500mA, extended length of 3m (118-1/8"), lighter weight at 140g (5 oz), and a body that's extra slim. It's also equipped with a power indicator.



RT-10 Series Acoustic Drum Trigger

Triggers for Kick, Snare, and Toms

With acoustic-drum triggering more popular now than ever, Roland has responded to requests from the market and created these triggers: the RT-10K (for kick drums), RT-10S (for snare drums), and RT-10T (for toms). Physically smaller than their predecessors, the RT-10 series triggers are easier to position. Best of all, they feature trigger-sensing technology for improved response.



RT-10K (Kick Trigger)

• **Triggers:** 1 (Head) • **Connector:** Trigger Output Jack (1/4 inch Phone Type) • **Dimensions:** approx. 40 (W) x 110 (D) x 70 (H) mm / 1-5/8 (W) x 4-3/8 (D) x 2-13/16 (H) inches • **Weight:** 90 g / 4 oz • **Accessories:** Connection Cable, Hoop Guard • **Guide for Installation:** Rim Height: 30 to 36 mm / 1-3/16 to 1-7/16 inch, Rim Thickness (Max.): 13 mm / 9/16 inch



RT-10S (Snare Trigger)

• **Triggers:** 2 (Head, Rim) • **Connector:** Trigger Output Jack (Stereo 1/4 inch Phone Type) • **Dimensions:** approx. 40 (W) x 110 (D) x 50 (H) mm / approx. 1-5/8 (W) x 4-3/8 (D) x 2 (H) inches • **Weight:** 80 g / 3 oz • **Accessories:** Connection Cable • **Guide for Installation:** Rim Height: 11 to 15 mm / 7/16 to 5/8 inch



RT-10T (Tom Trigger)

• **Triggers:** 1 (Head) • **Connector:** Trigger Output Jack (1/4 inch Phone Type) • **Dimensions:** approx. 40 (W) x 110 (D) x 50 (H) mm / 1-5/8 (W) x 4-3/8 (D) x 2 (H) inches • **Weight:** 80 g / 3 oz • **Accessories:** Connection Cable • **Guide for Installation:** Rim Height: 11 to 15 mm / 7/16 to 5/8 inch



Supported Sound Modules: TD-20, TD-12, TD-9, TD-3, SPD-20, SPD-S

* If you need dual triggering for head and rim on toms, please use the RT-10S instead of the RT-10T.

* Regarding the sound module with dual trigger compatible input, please refer to "Sound Module and Drum Pad Combinations" on the pages 38 - 39 of this catalog.

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

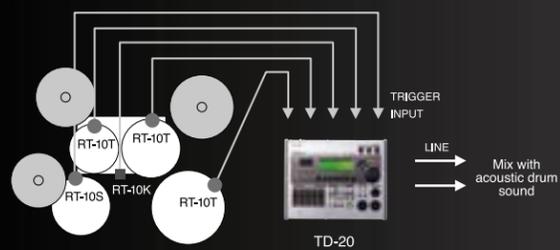
The TMC-6 Trigger MIDI Converter makes it easy to play and trigger MIDI modules and samplers from an acoustic drum set equipped with Roland's RT-series triggers, or to expand the sound palette of electronic drum sets. This affordable device uses the lightning-fast triggering technology of Roland's V-Drums for reliable triggering and super-accurate dynamics.

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 Hi-Hat Control Pedal can also be connected). With V-Drums technology built-in, the TMC-6 provides reliable and fast response, plus separate head/rim triggering with dual-trigger V-Pads, such as the PD-125/105/85, and 3-way triggering with the CY-15R and CY-12R/C V-Cymbals. Trigger settings can be stored to 12 user-memory locations.

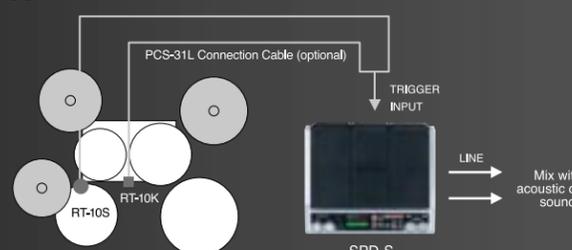
Using the RT-10 Series and TMC-6

Play a TD-Series brain



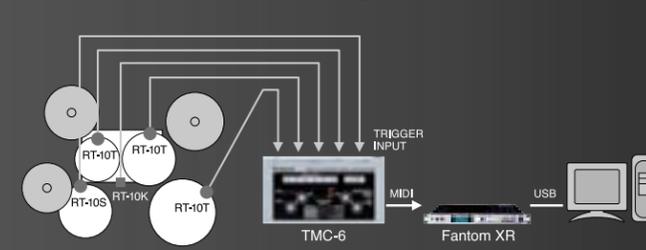
By connecting a set of RT-10 Series triggers to a TD-Series brain, drummers can play high-quality V-Drums sounds right from an acoustic set, or blend electronic and acoustic sounds to create unique sounds. Using the TD-series' Tap Sequence function, drummers can trigger sequences by simply tapping the kick.

Trigger an SPD-Series module



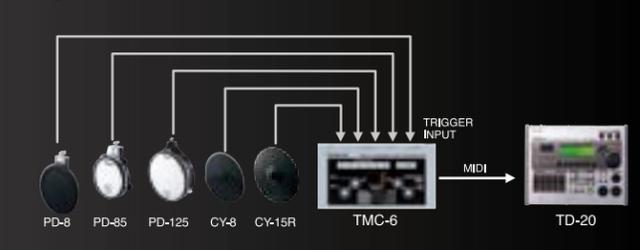
In this example, an RT-10K and RT-10S are connected to an SPD-S Sampling Pad, making this an affordable and easy way to add sampling to an acoustic set. Using the SPD-S's Velocity Switch setting, the snare and bass drum can be set to trigger a different sample depending on how hard they are hit.

Connect a MIDI module and computer



Roland's TMC-6 Trigger MIDI Converter changes the trigger impulses received from the RT-10 series into MIDI messages — making it possible to play MIDI modules such as Roland's Fantom XR, or even record your performance into a sequencer. This expands sonic flexibility, and allows you 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 such as timbales and cowbell.

Rhythm Coach RMP-Series

The Self-Contained Rhythmic Workout Station

Put yourself on the fast track to rhythmic improvement with the RMP-3 and RMP-5. These state-of-the-art electronic rhythm pads look good, feel good, and are loaded with fun exercises and timekeeping tools to build your chops. With tunable mesh drumheads, built-in metronomes, large LCDs, renowned Roland Rhythm Coach interactive lessons, and integrated one-piece molded bodies, the RMP-series offers the utmost in portability and convenience.

Rhythm Coach RMP-5 Flagship Rhythm Coach with Built-in Sounds



RMP-5 SPECIFICATIONS
 • Pad Size 8 inches • Pad Sounds 54 • Tempo 20–300 • Click Sounds 15 types • Rhythm Types 24 types
 • Patterns 22 types • Beat 24 types • Coach Mode TIME CHECK (8 variations), QUIET COUNT (6 variations), AUTO UP/DOWN (6 variations), RHYTHMIC NOTES (3 variations), STROKE BALANCE (2 variations), ACCURACY SCORE (4 variations) • Connectors PHONES/OUTPUT Jack: 1 (Stereo miniature phone type), MIX IN Jack: 1 (Miniature phone type), AC Adaptor Jack, EXT TRIG IN Jack: 1 (Dual) • * Using the PCS-31L, you can connect two pads. In that case, the rim shot, edge shot, and choking features are unavailable. • Power Supply DC 9 V; Dry Battery 6LR61/1604A (9 V) type (alkaline), AC Adaptor • Current Draw 80 mA • Expected battery life under continuous use: Carbon: 1 hour, Alkaline: 4 hours. These figures will vary depending on the actual conditions of use. • Stand Screw Size M8 • Dimensions 263 (W) x 348 (D) x 78 (H) mm/10-3/8 (W) x 13-3/4 (D) x 3-1/8 (H) inches • Weight 1.3 kg / 2 lbs 14 oz (including a battery) • Accessories Dry Battery 6LR61/1604A (9 V) type (alkaline), Tuning Key

Rhythm Coach RMP-3 Dedicated Rhythm Trainer



RMP-3 SPECIFICATIONS
 • Pad Size 8 inches • Tempo 20–260, Beat, 24 types • Rhythm Types 18 types • Internal Sounds Pad: 1 (tunable), Metronome: 5 • Coach Mode Functions: 5, Exercise Variations: 20 • Connectors OUTPUT Jack: 1 (Stereo miniature phone type), MIX IN Jack: 1 (Miniature phone type), AC Adaptor Jack • Power Supply DC9V; Dry Battery 6F22/1604 (9 V) type (carbon), Dry Battery 6LR61/1604A (9 V) type (alkaline), AC Adaptor • Current Draw 55 mA • Expected battery life under continuous use: Carbon: 2 hours, Alkaline: 6 hours. These figures will vary depending on the actual conditions of use. • Stand Screw Size M8 • Dimensions 263 (W) x 348 (D) x 78 (H) mm, 10-3/8 (W) x 13-3/4 (D) x 3-1/8 (H) inches • Weight 1.2 kg / 2 lbs 11 oz (including battery) • Accessories Dry Battery 6F22/1604 (9 V) type (carbon), Tuning Key, Owner's Manual, Leaflet ("USING THE UNIT SAFELY" and "IMPORTANT NOTES") • Options AC Adaptor: BOSS PSA-Series, Pad Stand: PDS-2



Comfortable, Quiet Mesh Head

The RMP-series pads are outfitted with a great-feeling, tunable mesh drumhead for realistic and quiet performance. Just like on an acoustic drum, the RMP's head can be adjusted for tension. The result is a true acoustic feel, but without the noise. By plugging in headphones, drummers can enjoy silent, concentrated practice without disturbing others.

Fun, Friendly Features

The large LCD provides easy-to-read instructional information, complete with a smooth-flow onscreen tempo meter that bounces from side to side. Large buttons and a clearly labeled front panel simplify operation. Each RMP has a built-in speaker for the metronome sounds, and a Mix IN jack for playing along with external audio. Use the RMP on your lap, a tabletop, or best of all, with Roland's convenient PDS-2 stand (optional).



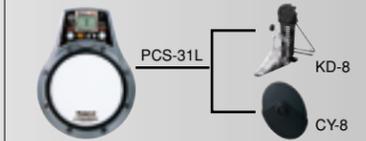
Expanded Features with the RMP-5

Great Sounds Onboard!

Breaking the boundaries of pre-existing practice pads, the RMP-5 includes 54 of Roland's finest snare, kick, hi-hat, cymbal, and percussion sounds for you to play. It also provides an assortment of metronome sounds, including a standard click, human-voice count, rhythmic patterns, and more.

Connect Kick & Cymbal Pads

The RMP-5 provides a dual-trigger input that can be used to connect a Roland kick trigger and a cymbal pad, such as the KD-8, CY-8, etc (optional). All together, these three components form the nucleus of a small electronic drum kit. Now you can train not only your hands, but your feet as well.



With an optional kick and a cymbal pad connected to the RMP-5, you can build your own custom drum kit by assigning which internal sound you'd like to play on each pad.

Your Own Personal Rhythm Coach Included

The RMP-series is equipped with Roland's famous Rhythm Coach exercises, which challenge and score your playing in fun and friendly ways. Put your skills to the test with Time Check, Auto Up/Down, and Stroke Balance, for example, to help develop consistent stick technique. Adjust the workout level according to your abilities and goals.

TIME CHECK

In sync with the metronome, this exercise encourages you to strike with accuracy. The display informs how accurate your shot was in seven levels.

ACCURACY SCORE

Chart your progress! With each Time Check exercise, the RMP grades your performance (for durations of 4, 8, 16, or 32 measures), and displays your accuracy from 0-100 percent.

RHYTHMIC NOTES

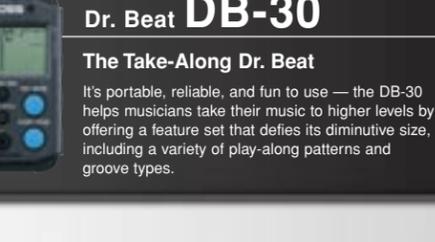
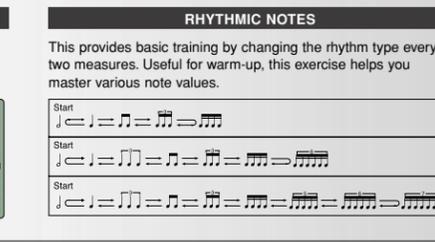
This provides basic training by changing the rhythm type every two measures. Useful for warm-up, this exercise helps you master various note values.

QUIET COUNT

Designed to develop your internal tempo, this exercise alternates the volume level between normal and barely audible, challenging you to maintain the correct tempo throughout.

AUTO UP/DOWN

An endurance exercise that gradually increases and then decreases the click speed. The rate at which the tempo goes up and down is adjustable, and you can set the maximum tempo at which it starts decreasing.



Dr. Beat DB-90

Better Features, Better Practice
 The Note Mixing function allows you to instantly create a variety of beats by adjusting the levels of five different note values. Front-panel sliders, buttons, and a large rotary dial provide instant, hands-on access to edit parameters. Select four different click sounds, including a human voice-counting sound that will help you know your place in the bar. The DB-90 is also equipped with realistic PCM drum patterns for developing accuracy and rhythmic feel effectively. It can also be synced to external MIDI sequencers for elaborate accompaniment.

SPECIFICATIONS
 • Metronome Tempo: 30-250, BEAT: 1-9, BEAT OFF: 1-9, PATTERN: 30 kinds (9-BEAT x 4, 16-BEAT x 3, SHUFFLE x 3, FUNK x 2, JAZZ x 2, BLUES, TECHNICAL, HOUSE, COUNTRY, REGGAE, CLAVE x 2, SALSA, RUMBA, BOSSA NOVA, SAMBA, WALTZ, TANGO, MAMBO, CHACHACHA, MARCH) • Voice Voice 1 (Standard metronome sound), Voice 2 (Electronic metronome sound), Voice 3 (Electronic click sound), Voice 4 (Human voice) • Rhythm Coach Time Check, Quiet Count, Gradual Up/Down, Step Up/Down • Reference Tone Reference Pitch: A4=438 Hz-445 Hz (1 Hz steps), Reference Tone Range: C2-B6 • Auto Power Off function: 60 minutes • Connector: TRIG IN, START/STOP, MEMORY UP/DOWN, MIDI IN, INPUT, AC Adaptor, PHONES x 2 (Stereo 1/4" phone type, Stereo miniature phone type) • Power Supply: DC 9 V; Dry Battery 6F22 / 6LR61 (9V), AC Adaptor (PSA-series (Option)) • Power Consumption: 85 mA or less (with reference tone sounding). Expected battery life under continuous use: Approximately 1.5 hours (Carbon) / 6 hours (Alkaline) • These figures will vary depending on the actual conditions of use. • Dimensions: 122 (W) x 164 (D) x 37.5 (H) mm / 4-13/16 (W) x 6-1/2 (D) x 1-1/2 (H) inches • Weight: 450g / 1 lb (including batteries) • Accessories: Dry Battery (R6 (AA) Type), Soft case, Owner's Manual



Practice Conversion Kit PCK-1

Turn Your Snare Drum Into a Practice Pad
 The PCK-1 can convert an acoustic snare drum into a silent practice pad. It comes with a 14-inch mesh drum head that offers the same natural response as Roland's famous V-Pads, plus a rubber rim silencer for ultra-quiet playing. An RT-5S Snare Trigger is also included, allowing access to the DB-90's onboard rhythm training exercises.



Dr. Beat DB-60

More Than Just a Metronome
 The DB-60 is 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.

Dr. Beat DB-30
The Take-Along Dr. Beat
 It's portable, reliable, and fun to use — the DB-30 helps musicians take their music to higher levels by offering a feature set that defies its diminutive size, including a variety of play-along patterns and groove types.

SPECIFICATIONS
 • Metronome Tempo: 30-250 (Accuracy: ±0.1%), BEAT: 1-9, 2+3, 3+2, 3+4, 4+3, 4+5, 5+4, 5+6, 6+5, 6+7, 7+6, 7+8, 8+7, 8+9, 9+8 (24 kinds), PATTERN: 8-BEAT x 3, 16-BEAT x 2, SHUFFLE x 2, FUNK, MAMBO, MARCH (20 kinds) • Reference Tone Reference Pitch: A4 = 438 Hz-445 Hz (1 Hz steps) Reference Tone Range: C4-B4 (Accuracy: ±1 cent) • Timer Setting Range: 1-60 minutes • Stopwatch Timing Resolution: 1/10 second, Time Duration: 10 hours (with Auto Power Off disabled) • Indicators: LCD Display, Tempo Indicator LED x 2 • Connector: PHONES Jack (Stereo miniature phone type) • Power Supply: Dry Battery (R6 (AA) Type) x 2 • Power Consumption: 70 mA or less (with reference tone sounding). Expected battery life under continuous use (Carbon): Approximately 200 hours • These figures will vary depending on the actual conditions of use. • Dimensions: 129 (W) x 84 (D) x 22 (H) mm / 5-1/8 (W) x 3-5/16 (D) x 7/8 (H) inches • Weight: 156 g / 6 oz (including batteries) • Accessories: Dry Battery (R6 (AA) Type) x 2, Soft case, Owner's Manual

SPECIFICATIONS
 • Metronome Tempo: 30-250 (Accuracy: ±0.1%), BEAT: 0-9, 2+3, 3+2, 3+4, 4+3, 4+5, 5+4, 5+6, 6+5, 6+7, 7+6, 7+8, 8+7, 8+9, 9+8 (24 kinds), RHYTHM: Quarter note (.), Eighth note (.), Eighth rest and eighth note (.), Triple (.), Triple with center rest (.), Sixteenth note (.), Sixteenth note with sixteenth rest (.), CLAVE 1 (.), CLAVE 2 (.), CLAVE 3 (.), CLAVE 4 (.), CLAVE 5 (.), CLAVE 6 (.), CLAVE 7 (.), CLAVE 8 (.), CLAVE 9 (.), CLAVE 10 (.), CLAVE 11 (.), CLAVE 12 (.), CLAVE 13 (.), CLAVE 14 (.), CLAVE 15 (.), CLAVE 16 (.), CLAVE 17 (.), CLAVE 18 (.), CLAVE 19 (.), CLAVE 20 (.), CLAVE 21 (.), CLAVE 22 (.), CLAVE 23 (.), CLAVE 24 (.), CLAVE 25 (.), CLAVE 26 (.), CLAVE 27 (.), CLAVE 28 (.), CLAVE 29 (.), CLAVE 30 (.), CLAVE 31 (.), CLAVE 32 (.), CLAVE 33 (.), CLAVE 34 (.), CLAVE 35 (.), CLAVE 36 (.), CLAVE 37 (.), CLAVE 38 (.), CLAVE 39 (.), CLAVE 40 (.), CLAVE 41 (.), CLAVE 42 (.), CLAVE 43 (.), CLAVE 44 (.), CLAVE 45 (.), CLAVE 46 (.), CLAVE 47 (.), CLAVE 48 (.), CLAVE 49 (.), CLAVE 50 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Roland Percussion Products

Roland's Revolutionary E-Percussion Family Expands



HandSonic Artists



Sheila E



Luis Conte



Bashiri Johnson



Richie Garcia



Taku Hirano



Brad Dutz

HANDSONIC 10 HPD-10

New Sounds

An all-new collection of sounds has been created for the HPD-10; approx. 400 high-quality instruments are onboard. All of the percussive essentials have been included — congas, bongos, tabla, djembe, cajon, etc. — as well as melodic percussion, drum kit, special effects, and more. No matter the genre, from ethnic to electronic, the HPD-10 has you covered.

Sensitive Surface

Whether you're laying down the most delicate finger rolls or the sharpest slaps, the HPD-10's playing surface can handle anything you give it. The comfortable round surface is divided into ten individual pads with pressure and positional sensitivity. The popular D Beam is also included for dramatic triggering and pitch control. Strike a virtual gong with your head, and control the pitch of a talking drum with your hand waving up/down — you get the picture.

Easy Operation

The PRESET KITS buttons give you quick access to five specially selected kits — Conga, Tabla, Steel Drum, Drums, SFX, and five of your favorite kits. The large, backlit icon-driven LCD helps you clearly see what you are playing or editing.



PRESET KITS Button

Style Guide Metronome

The HandSonic 10 has a new type of metronome that provides a musically inspiring selection of rhythm patterns based on a variety of styles — Latin, World Music, Rock, Pop, Jazz, Dance. It helps you not only for practice, but also for sessions as play-along patterns.

Effects & Controller

Dual-trigger input allows a kick pedal and cymbal pad (or footswitch) to be plugged in.



Wave your hands over the invisible D Beam to trigger and control sounds with visual impact.



* Actual D Beam is invisible; color has been added for illustration purposes only.

CB-HPD-10 Gig Bag for HPD/SPD series



Digital Percussion



REAR PANEL



SPECIFICATIONS

• Pad 10 inches, 10 sections, Pressure-Sensitive • Instruments 410 • Kits 64 • Effects Ambience (5 types), Multi-Effects (20 types) • Style Guide Metronome 86 patterns • Tempo 40-200 • Coach Mode QUIET COUNT, RHYTHM CHECK, TIME CHECK, PAD FOLLOW, AUTO UP/DOWN, TAP TEMPO • Controllers D Beam Controller, Control Knob • Display Icon-driven Backlit LCD • Connectors Output Jacks (L/MONO, R), Phones Jack (stereo phone type), Mix In Jack (stereo phone type), Trigger Input/Foot Sw Jack (Dual), MIDI Connectors (IN, OUT) • Output Impedance 1.0 k ohms • Power Supply AC Adaptor (DC 9V) • Current Draw 350 mA • Dimensions 323 (W) x 427 (D) x 75 (H) mm / 12-3/4 inches (W) x 16-13/16 (D) x 3 (H) inches • Weight 2.9 kg / 6 lbs 7 oz (excluding AC Adaptor) • Accessories Owner's Manual, AC Adaptor (AC1/PSB-1U Series), Label Sticker

Improve your skills with the advanced Rhythm Coavh function

Pad Follow

The "Pad Follow" lesson combines both audio and visual information. With a click playing in the background, a test pattern is played for you; at the same time, the pattern appears on the graphical pad display. Then it's your turn to copy what you just heard and saw.



Watch the pattern on the pad display as it plays.



Let's see if you can follow it!

Time Check

Time Check teaches you to play with pinpoint precision. The 7-segment meter displays the accuracy of your performance as you play.



Too fast



Perfect!



Too slow

Rhythm Check

Develop your timing while expanding your pattern vocabulary. With a click track playing in the background, Rhythm Check plays a pattern and then asks you to repeat it, then advances to the next pattern.

Quiet Count

This exercise is designed to develop your internal tempo. The volume of the click will alternate between normal and Quiet, challenging you to maintain the correct tempo throughout.

Auto Up/Down

An endurance exercise that gradually increases and then decreases the click speed. The rate at which the tempo goes up and down is adjustable, you can set the maximum tempo at which it starts decreasing, and the minimum tempo at which it starts increasing.

Tap Tempo

Tap a series of quarter-notes on any of the ten pads and the HandSonic 10 will calculate and display your new tempo in beats per minute. A handy resource!

HANDSONIC 15 HPD-15

The World's Most Popular Hand-Percussion Pad

The HPD-15 HandSonic is the world's most powerful (and famous!) electronic hand percussion multi-pad. It offers incredible triggering capabilities based on Roland's 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 V-Drums are famous for. There are 600 percussion sounds onboard derived from all over the world — including Latin and Asian countries, the Middle East, and Africa — plus electronic drums and sound effects!

Expressive Realtime Control

The HandSonic's powerful controllers can be used to modulate pitch, timbre, and other parameters in real time, and with the expressive D-Beam controller, percussionists can trigger the onboard sounds or alter an instrument's tuning simply by waving their hands over an infrared beam of light. Also included are two ribbon controllers, an Expression Pedal input, and three control knobs. An optional KD-7 Kick Trigger Unit or FD-8 Hi-Hat Control Pedal can also be connected.



REAR PANEL



HANDSONIC 15 SPECIFICATIONS

• **Maximum Polyphony** 64 Voices • **Instruments** Pad Instruments: 600, Backing Instruments: 54 • **Preset Patches** 160 • **User Patches** 80 • **Patch Chains** 10 chains (32 steps per chain) • **Effect Type** Reverb, Multi-Effects
 • **Sequencer** Preset Patterns : 99, 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

Total Percussion Pad SPD-20

Superb Sounds and Features

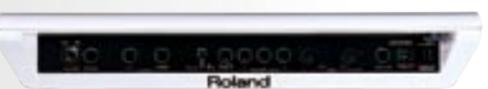
The SPD-20's sound set includes everything from ethnic and world percussion instruments to classic and modern acoustic and electronic drum sounds — 700 sounds total! Out of the box, you get 99 patches and six rhythm loops that can be played via eight high-quality pads with natural response — even when playing with common drumming techniques like rolls and flams.

Infinitely Expressive

Four external dual-trigger inputs make the SPD-20 compatible with a dedicated hi-hat or kick drum controller and any of Roland's drum pads (including V-Pads™). The trigger inputs can also be used with acoustic drum triggers for triggering acoustic drums. Other noteworthy features include a velocity-sensitive Layer function, onboard effects and MIDI connections for using the SPD-20 as a controller or sound module.



REAR PANEL



SPD-20 SPECIFICATIONS

• **Pads** Built-in Pads: 8 * Four external trigger inputs (dual) are provided, allowing you to connect Pads. • **Maximum Polyphony** 14 voices • **Instruments** 700 • **Memory** Patches: 99, Patch Chains: 8 • **Sound Parameters** Instrument, Level, Pitch, Decay, Pan, Curve, Effect Send Level • **Effects** Reverb, Delay, Chorus, Flanger • **Display** 7 segments, 3 characters (LED) • **Connectors** Output Jacks (L [Mono], R), Phones Jack (Stereo), Trigger Input Jacks (Dual): 3, HH CTRL/TRIG 4 Jack (Dual), MIDI Connectors (IN, OUT), Foot Sw Jack (Dual) * Trigger inputs 1 and 2 accept rim shots from the PD-7, PD-9 and PD-120 while inputs 3 and 4 accept rim shots from the PD-7 and PD-9. • **Power Supply** AC 12V: AC Adaptor • **Current Draw** 420mA • **Dimensions** 450(W) x 350(D) x 70(H) mm/ 17-3/4(W)x13-13/16(D)x2-13/16(H) inches • **Weight** 2.8 kg/ 6 lbs 3 oz (excluding AC adaptor) • **Accessories** Owner's Manual, AC Adaptor (BOSS BRA Series), Slit Tape

Sampling Pad SPD-S

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 potential — 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/AIF files.

Convenient CompactFlash Storage

The SPD-S works with readily available CompactFlash media — making it easy to expand the onboard sampling time, store custom sounds, and even import or export WAV/AIF files using your Mac or PC. *Please contact your authorized Roland dealer regarding compatibility of CompactFlash media.



SAMPLING MODE/TIME

	Internal (approx.)	CompactFlash (approx.)					
		16MB	32MB	64MB	128MB	256MB	512MB
LONG	12 min.	12 min.	24 min.	48 min.	96 min.	193 min.	386 min.
STANDARD	6 min.	6 min.	12 min.	24 min.	48 min.	96 min.	193 min.
FINE	3 min.	3 min.	6 min.	12 min.	24 min.	48 min.	96 min.

PRE-LOADED SOUNDS

001	-Phrase-	019	BongoPtn	037	VerbyHt	055	PinChime	074	FlexMtl	093	Shaker	112	SpokTom4	130	AcuSnr 1	149	909Kik	168	Splash 8
002	Moon Drs	020	CongaPtn	038	RevLASER	056	BelTreeD	075	MtlCrash	094	ShakeEgg	113	OctTom 1	131	AcuSnr 2	150	110Kik	169	Splash10
003	Moon Bas	021	ShakrPtn	039	WntPulse	057	BelTreeU	076	Ratchet	095	Maracas	114	OctTom 2	132	AcuSnr 3	151	AcuKik 1	170	Crash 13
004	Moon G11	022	TablaPtn	040	Sperks	058	CrotaleH	077	Vibraslp	096	CabasaSp	115	OctTom 3	133	Xstck 1	152	AcuKik 2	171	Crash 16
005	Moon G12	023	16BtPtn1	041	SlidWhstl	059	CrotaleL	078	Tmbrn 1	097	CabasaSt	116	OctTom 4	134	Xstck 2	153	clubHH1c	172	Crash 18
006	Moon Vo	024	16BtPtn2	042	NoiseTap	060	TriangOp	079	Tmbrn 2	098	Bongo Hi		-Drums-	135	Xstck 3	154	clubHH1o	173	China 16
007	JzStpDrs	025	16BtPtn3	043	Dolphin	061	TriangMt	080	TmbrnSk	099	Bongo Sp	117	clubSnr1	136	808Claps	155	clubHH2c	174	Ride 20
008	JzStpBas	026	16BtPtn4	044	Scratch	062	AccCym 4	081	Tmbrn Sk	100	Bongo Lo	118	clubSnr2	137	909Claps	156	clubHH2o	175	Ride Bl
009	JzStpChd	027	16BtPtn5	045	Hi-Q	063	AccCym 6	082	CowbellS	101	Conga Hi	119	clubSnr3	138	110Claps	157	808HH cl	176	808Tom 1
010	JzStpMel	028	16BtPtn6	046	Spd-S	064	CupChim6	083	CowbellL	102	Conga Sp	120	clubSnr4	139	HndClap1	158	808HH op	177	808Tom 2
011	JnglBt 1	029	16BtPtn7	047	Welcome	065	CupChim8	084	CowbJam1	103	Conga Lo	121	clubSnr5	140	HndClap2	159	909HH cl	178	808Tom 3
012	JnglBt 2	030	16BtPtn8	048	ComeOn!	066	ComeOn!	085	CowbJam2	104	Cajon Sp	122	clubSnr6	141	FingSnap	160	909HH op	179	AcuTom10
013	JnglBt 2	031	16BtPtn9	049	UGotGrv	067	Tamiam	086	CowbBng	105	Cajon Bs	123	clubSnr7	142	clubKik1	161	110HH cl	180	AcuTom12
014	Xylo Bkg	032	AirDrft1	050	Yeaah	068	BlockJam	087	CowbMmbo	106	TimbleHi	124	clubSnr8	143	clubKik2	162	110HH op	181	AcuTom16
015	SynthBkg	033	AirDrft2	051	Haaay	069	Block Hi	088	Agogo Hi	107	TimbleRm	125	clubSnr9	144	clubKik3	163	AcuHH cl		
016	Org Bkg	034	AirDrft3	052	BasSlide	070	Block Lo	089	Agogo Lo	108	TimbleLo	126	808Snr	145	clubKik4	164	AcuHH op		
017	HipHopBkg	035	SuperLow	071	Percussion	071	Claves 1	090	SigntBel	109	SpokTom1	127	909Snr	146	clubKik5	165	AcuHH cl		
018	Didgerdo	036	RevoDown	072	WindChimD	072	Claves 2	091	AnkIBedD	110	SpokTom2	128	110Snr	147	808Kik 1	166	110 Cym		
			SwepNoiz	054	WndChimU	073	Cricket	092	AnkIBedS	111	SpokTom3	129	eSnr	148	808Kik 2	167	Splash 6		



CompactFlash®

REAR PANEL



SPD-S SPECIFICATIONS

• **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 • **Memory** Patches: 128, [Waves] User: 399, Card: 500 (Pre-loaded Sound 181) • **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), Trigger Input Jacks (1/4 inch TRS phone type), Expression Pedal (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 * 0 dBu = 0.775 Vrms

*The SPD-S's file system is developed by Kyoto Software Research, Inc. Fugue ©2003 - 2006 Kyoto Software Research, Inc. All rights reserved.



PRE-LOADED PATCHES

01	Join Us!	13	TR808Dr1	25	CoolWind	37	Percuss1
02	Filter-9	14	909Mania	26	EchohcE	38	Percuss2
03	HipHoppr	15	Outback	27	Voices	39	Percuss3
04	LAttin!!	16	SappBeat	28	TR808Dr2	40	Percuss4
05	DrumNtl	17	Winter	29	SnglHead	41	SynSweep
06	Efet-Mel	18	All Perc	30	Perfict	42	Phaser
07	CajonBl	19	RudeDrs	31	Timbales	43	Radio
08	Eco-Echo	20	TablaJam	32	Conga	44	Slicer
09	VeloCity	21	Drums-Q	33	RhythmBox	45	ShrtLupr
10	Industry	22	Mr.LO-FI	34	Chimes	46	RingMod
11	BongoDrs	23	Pulsar	35	Cym&Gong	47	OvrDrive
12	Acous	24	Spiral	36	Add On		

EFFECT ALGORITHMS

01	REVERB+GATE	16	ISOLATOR
02	DLYEDREVERB(Delayed Reverb)	17	WAH
03	STEREODELAY	18	OVERDRIVE
04	SYNC-DELAY	19	DISTORTION
05	TAPE-ECHO	20	LO-FI(Lo-Fi Processor)
06	CHORUS	21	RADIOTUNING
07	PHASER	22	RINGMODULAT(Ring Modulator)
08	FLANGER	23	PITCHSHIFT(Pitch Shifter)
09	STEPFLANGER	24	PITCHBENDER(Pitch Bender)
10	TREMOLO/PAN	25	OCTAVE
11	SIMPLE-COMP(Compressor)	26	VOICETRANS(Voice Transformer)
12	COMP-ENHANC(Compressor+Enhancer)	27	CENTRCANCEL(Center Canceled)
13	2BAND-COMP(2Band Compressor)	28	SYNTH-PERC(Synthesizer Percussion)
14	4BAND-PEQ(4Band Parametric Equalizer)	29	SHORTLOOPER
15	FILTER	30	SLICER

You need to select the suitable "Trigger Type (Pad Type)" on the sound module for your pad.

About the table ... Yes ... No

Sound Module	Trigger Input	Pad Plying Methods	V-Pad				Pad			V-Cymbal				Cymbal Pad			V-Hi-Hat		Kick Trigger KD-120, KD-85, KD-8, KD-7	Acoustic Drum Trigger				
			PD-125BK/WT, PD-105BK/WT, PD-85BK/WT			PDX-8	PD-8			CY-15R, CY-12R/C				CY-14C			CY-8, CY-5			VH-12	VH-11	RT-10S, RT-10K ^{*1} , RT-10T ^{*1}		
			Head Shot	Rim Shot	Brush Sweep ^{*3}	Head Shot	Rim Shot	Head Shot	Rim Shot	Choking	Bow Shot	Edge or Bell Shot ^{*4}	Three-Way Triggering	Choking	Bow Shot	Edge Shot	Choking	Bow Shot		Edge Shot	Choking			Head Shot
TD-20	1 (KICK)																							
	2 (SNARE)	^{*pos}	^{*pos} ^{*2} ^{*10}				^{*pos}						^{*pos}											
	3, 4, 5, 6 (TOM1, 2, 3, 4)		^{*pos} ^{*10}																					
	7 (HI-HAT)																							
	8, 9 (CRASH1, 2)																							
	10 (RIDE), 11 (EDGE)	^{*pos}						^{*pos}				^{*5}		^{*pos}										
	12, 13, 14, 15 (AUX1, 2, 3, 4)		^{*pos} ^{*10}																					
TD-12	1 (KICK)																							
	2 (SNARE)	^{*pos}	^{*pos} ^{*2} ^{*10}				^{*pos}						^{*pos}											
	3, 4, 5 (TOM1, 2, 3)		^{*pos} ^{*10}																					
	6 (HI-HAT)																							
	7, 8 (CRASH1, 2)																							
	9 (RIDE), 10 (EDGE)	^{*pos}						^{*pos}				^{*5}		^{*pos}										
	11, 12, (AUX1, 2)		^{*pos} ^{*10}																					
TD-9 ^{*13}	KICK																							
	SNARE		^{*2}				^{*2}																	
	HI-HAT																							
	TOM 1, 2, 3, AUX																							
	CRASH 1, 2																							
	RIDE											^{*11}												
TD-3	SNARE		^{*2}				^{*2}																	
	HI-HAT, CRASH 1, CRASH 2, RIDE																							
	KICK, TOM 1, 2, 3																							
SPD-20	1, 2						^{*9}																	^{*9}
	3, 4																							
SPD-S	TRIG IN (1/2) ^{*6}		^{*7}			^{*7}		^{*7}			^{*7}			^{*7}			^{*7}						^{*7}	^{*7}
HPD-15	TRIGGER INPUT ^{*6}		^{*7}			^{*7}		^{*7}			^{*7}			^{*7}			^{*7}						^{*7} ^{*9}	^{*7} ^{*9}
HPD-10	EXT TRIG ^{*6}		^{*12}			^{*12}		^{*12}			^{*12}		^{*12}		^{*12}		^{*12}		^{*12}				^{*12}	^{*12}
TMC-6	2										^{*5}													
	Others		^{*8}			^{*8}					^{*5}													^{*8}
RMP-5	EXT TRIG ^{*6}		^{*7}			^{*7}		^{*7}			^{*7}		^{*7}		^{*7}		^{*7}		^{*7}				^{*7}	^{*7}

^{*pos.}: Positional sensing is available.

^{*}To enable rim shot, edge shot, bell shot and choking techniques, you'll need to connect the pad with the stereo cable.

^{*1} Does not support rim shots.

^{*2} Supports Cross Sticks.

^{*3} Supports brush sweep techniques.

^{*4} Connect to the BOW/EDGE output jack for edge shots; connect to the BOW/BELL output jack for bell shots.

^{*5} With two cables, you can perform using three different tones: bow, bell, and edge.

^{*6} With a Y-Cable (PCS-31L), you can connect two pads to a single trigger input jack. However, rim shots, choking and edge or bell shot on each pad or cymbal are not available for use.

^{*7} You need to set the "Input Mode" to "HD/RM" (or "H-R" in the RMP-5).

^{*8} With a Y-Cable (PCS-31L), rim shots are possible with other trigger inputs in addition to Trigger Input 2.

^{*9} You need to select "PD-120" for trigger type settings.

^{*10} Positional sensing on rim is available.

^{*11} With dedicated cables (RD/RDB), you can perform using three different tones: bow, bell, and edge.

^{*12} Compatible with "PAD/RIM" dual-triggering feature in EXT TRIG mode.

^{*13} TD-9 uses a dedicated D-Sub connection cable for input; separate Crash 2 and AUX inputs are also provided.

TD-20 / TD-12 DRUM INSTRUMENTS

Table listing drum instruments for TD-20 and TD-12 kits, including names like Kick, Snare, Hi-Hat, and various tom and cymbal sounds.

1: Snare and tom sounds: The letter that follows the Patch name indicates whether it's a head shot or rimshot. S: Snare head shot, SR: Snare rimshot, T1: Tom 1 head shot, T1R: Tom 1 rimshot, 2: Cymbal sounds: The letter that follows the name indicates whether it's a bow, edge, or bell sound.

TD-20 PRESET DRUM KITS

Table listing preset drum kits for TD-20, including kit names like V-Pro, Titanium, and Metal, and their constituent instruments.

*1: A Pattern is assigned to CRASH 2. *2: Brushes can be used. *3: Parameters including volume etc. are set to standard values. Use this when creating a kit with scratch.

TD-12 PRESET DRUM KITS

Table listing preset drum kits for TD-12, including kit names like V-Stage, Jazz, and Custom, and their constituent instruments.

Loop: Playback starts when the pad to which the pattern is assigned is struck, and stops when hit again. (Loop Pattern) Shot: Playback (one time only) starts when the pad to which the pattern is assigned is struck. (One-Shot Pattern)

TD-9 DRUM INSTRUMENTS

Table listing drum instruments for TD-9 kits, including names like Kick, Snare, Hi-Hat, and various tom and cymbal sounds.

1: Snare and tom sounds: The letter that follows the Patch name indicates whether it's a head shot or rimshot. S: Snare head shot, SR: Snare rimshot, T1: Tom 1 head shot, T1R: Tom 1 rimshot, 2: Cymbal sounds: The letter that follows the name indicates whether it's a bow, edge, or bell sound.

TD-9 PRESET DRUM KITS

Table listing preset drum kits for TD-9, including kit names like V-Tour Studio, House +LatinPerc, and CoolJazz, and their constituent instruments.

*1: Sounds suitable for use when a rim-shot capable pad is connected and used in combination with the RMP-5. *2: The "open" sound is easily produced by striking the pad with a stick and the "mute" sound is easily produced by striking with the palm of your hand.

TD-3 DRUM INSTRUMENTS

Table listing drum instruments for TD-3 kits, including names like Kick, Snare, Hi-Hat, and various tom and cymbal sounds.

*1: The rimshot sound will change according to hitting strength. Strike softly for cross-stick, and harder for open rimshots. *2: Ride sound will change according to hitting strength. Strike softly for bow sounds, harder for bell sounds. *3: Sound will change depending on the hitting.

TD-3 PRESET DRUM KITS

Table listing preset drum kits for TD-3, including kit names like Acoustic, Groove, and Dishes, and their constituent instruments.

SPD-20 PRESET INSTRUMENTS

Table listing preset instruments for SPD-20, including names like Bass Drum (Kick), Hi-Hat Cymbal, and various ethnic and world instruments.

HandSonic 15 PRESET INSTRUMENTS

Table listing preset instruments for HandSonic 15, including names like LATIN, ASIAN, and various ethnic and world instruments.

HandSonic 10 PRESET INSTRUMENTS

Table listing preset instruments for HandSonic 10, including names like LATIN, ASIAN, and various ethnic and world instruments.

RMP-5 PAD INSTRUMENTS

Table listing pad instruments for RMP-5, including names like Sn1 Snare 1 Vintage, Sn2 Snare 2 Brass, and various snare and tom sounds.

*1: Sounds suitable for use when a rim-shot capable pad is connected and used in combination with the RMP-5. *2: The "open" sound is easily produced by striking the pad with a stick and the "mute" sound is easily produced by striking with the palm of your hand.

V-Drums Lite HD-1

The All-In-One Kit For Every Home



*V-Drums Lite HD-1 is available only as a complete kit. The sound source, pads, stands, etc., are not sold individually.
*Monitor speakers, mats, and sticks sold separately.

The HD-1 is forged from the same technology as its V-Drums predecessors, but it's smaller, more affordable, and much simpler to use. It's also incredibly quiet, thanks to the newly designed kick beater, cushioned tom pads, and snare head. Most of the HD-1's components are mounted on one stand for easy setup and transport, and for a clean look. Just take it out of the box and play.



Great sound with complete volume control

The V-Drums Lite HD-1 has 10 carefully selected drum kits built in that inherit the powerful and expressive sound of flagship V-Drums kits. Thanks to the mesh-head snare, cushion tom head, and beaterless kick, the HD-1 enables noise-free playing with complete volume control.

Drum Kits

No.	Normal Kit	Variation Kit
01	Acoustic	Jazz
02	Power	Double Bass
03	Drum & Percussion	World
04	Electronic	Dance
05	Voices	Droid

Simple control, convenient functions

The HD-1's ease of use is exemplified by its friendly layout of knobs and buttons. No guessing, no hunting through menus — everything is clearly labeled and easy to access, including handy features such as the built-in metronome and MIX-IN jack, which lets you incorporate digital-audio players into your practice and performances.

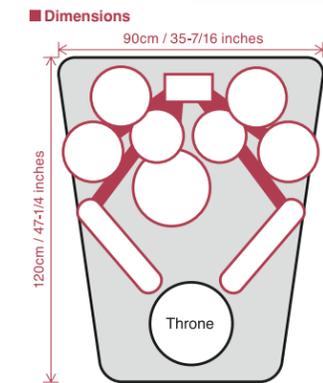


From setup to performance, the included DVD shows you how

To enhance the experience of setting up and playing the drums, Roland provides a DVD manual with each HD-1. The content covers everything from kit assembly and operational controls to drumming rudiments and playing techniques. This easy-to-understand guide is sure to help even absolute beginners get a fast start.



Space-Saving Design



*Mat and throne sold separately.

A distinguishing feature of the HD-1 is its small footprint. For a drum kit, it requires far less space than you would imagine. Including the throne, it only occupies 90cm x 120cm (35-7/16" x 47-1/4") of floor space. It fits perfectly in a corner of any room.

Learn more about V-Drums Lite on Roland.com!

http://www.roland.com/V-Drums_Lite/



On Roland's official website you'll find a wealth of information on the HD-1, including movies, practice pieces, a Room Layout simulator, and other useful items that you can download free of charge.

SPECIFICATIONS

• **Kit Configuration** Kick Pedal, Snare, Hi-Hat, Hi-Hat Pedal, Tom x 3, Crash, Ride • **Drum Kits** 10 • **Preview Patterns** 10
• **Controls** Drum Kits buttons x 5, Variation button, Metronome button, Volume knob, Tempo knob • **Metronome** Tempo (40 to 220), Sounds (3 types), Volume (3 levels) • **Connectors** Output jack (Stereo miniature phone type)*1, Headphone jack (Stereo miniature phone type), Mix In jack (Stereo miniature phone type), MIDI Out connector (5-pin DIN type), Trigger Cable connector (25-pin D-sub type) • **Output Impedance** 100Ω • **Power Supply** AC Adaptor (DC 9 V) • **Current Draw** 300 mA • **Dimensions** 850 (W) x 560 (D) x 1170 (H) mm / 33-1/2 (W) x 22-1/16 (D) x 46-1/16 (H) inches • **Weight** 15 kg / 33 lbs 2 oz (Excluding AC Adaptor) • **Accessories** Owner's Manual, Set-up Guide, Manual DVD, AC Adaptor (PSB-1U), Trigger Cable (Pre-wired in the DrumStand), Drum Key, Screwdriver, Roland Sticker *1 Output Jack can be connected with headphones.

OPTIONS

Personal Drum Monitor PM-01

Monitoring the HD-1 through headphones is ideal for private practice, but when you want your drumming to be heard in the room, the PM-01 personal monitor is the ideal solution. It's small, great-sounding, affordable, and a perfect cosmetic match for the HD-1.



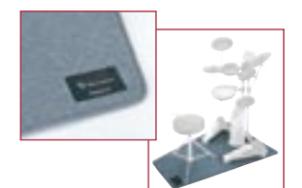
V-Drums Accessory Package DAP-1

This handy drum accessory package is ideal for entry-level V-Drums owners, allowing them to start playing their V-Drums right out of the box.



V-Drums Mat TDM-1

This drum mat is specially designed for the HD-1 V-Drums Lite. It helps reduce vibration and protect against floor damage.





Visit us online at www.v-drums.com
www.Roland.com

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Printed in Japan May, '08 RAM-4324 CEG-2 GR-UPR-P

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