

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



TD-20K-BK

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

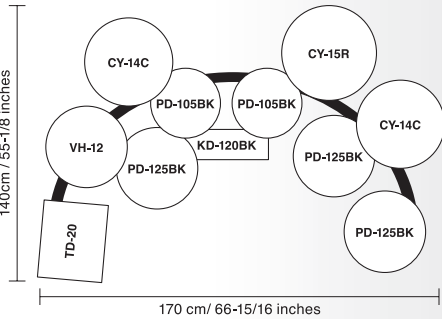
The V-Pro Series TD-20K is anchored by Roland's TD-20 module, famous for its stunning, ultra-expressive sound and powerful-yet-friendly V-Editing. The patented mesh V-Pads™ provide a comfortable, natural feel, a wide dynamic range, and authentic rimshot triggering, along with a cool look and striking 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.

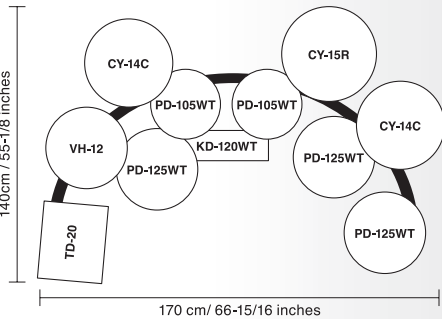


*Drum stand, snare stand, hi-hat stand and kick pedal not included and shown only for photography purposes.
*Connection cables are partially hidden for photography purposes.

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.

V-Stage® Series



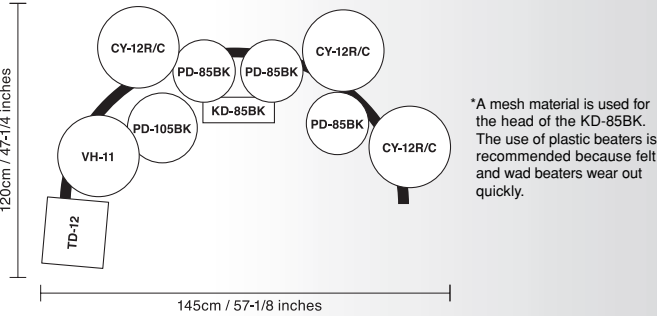
TD-12KV-BK

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

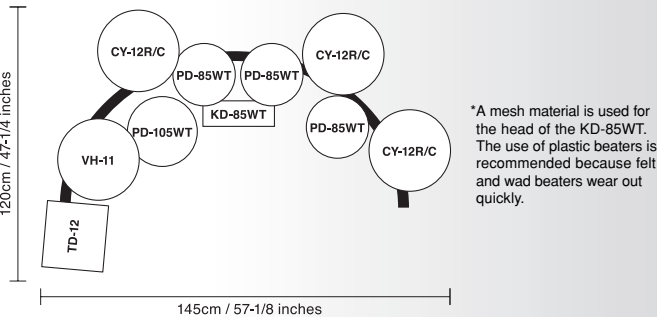
V-Stage Series TD-12KV-BK		
Percussion Sound Module	TD-12	X 1
V-Pad (for Snare)	PD-105BK	X 1
V-Pad	PD-85BK	X 3
V-Hi-Hat	VH-11	X 1
V-Cymbal Ride/Crash	CY-12R/C	X 3
V-Kick Trigger Pad	KD-85BK	X 1
Drum Stand	MDS-12BK	X 1



*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



*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



TD-9KX

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.

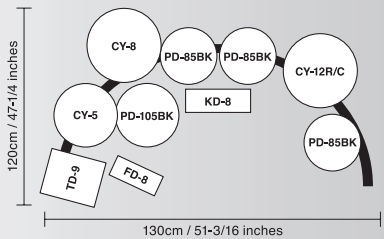
V-Tour Series TD-9KX

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.



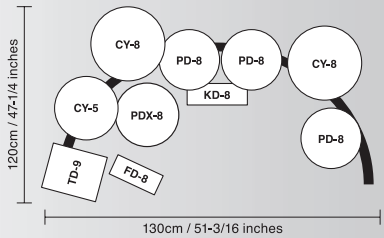
*Drum stand, and kick pedal not included and shown only for photography purposes.
*Connection cables are partially hidden for photography purposes.

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.

V-Compact® Series



TD-3KW

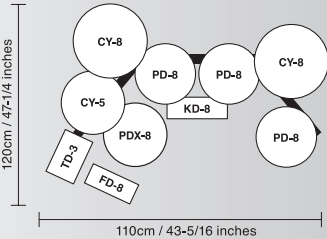
Great performance at a nice price

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

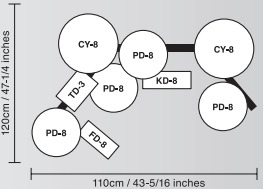


*Drum stand, and kick pedal not included and shown only for photography purposes.
*Connection cables are partially hidden for photography purposes

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



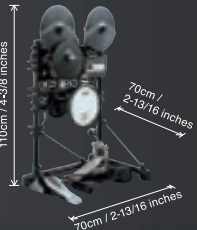
*Drum stand, and kick pedal not included and shown only for photography purposes.
*Connection cables are partially hidden for photography purposes



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.

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.



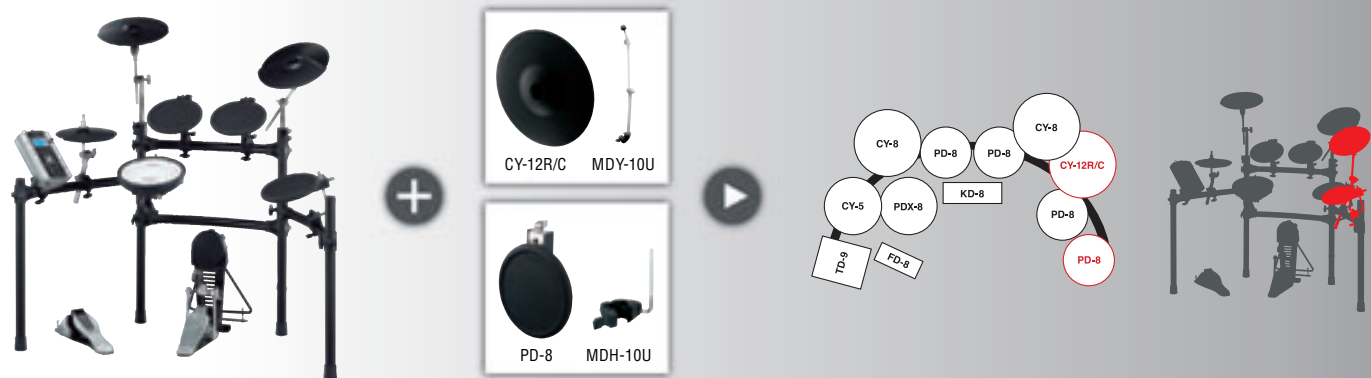
V-Tour® Series TD-9KX

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.



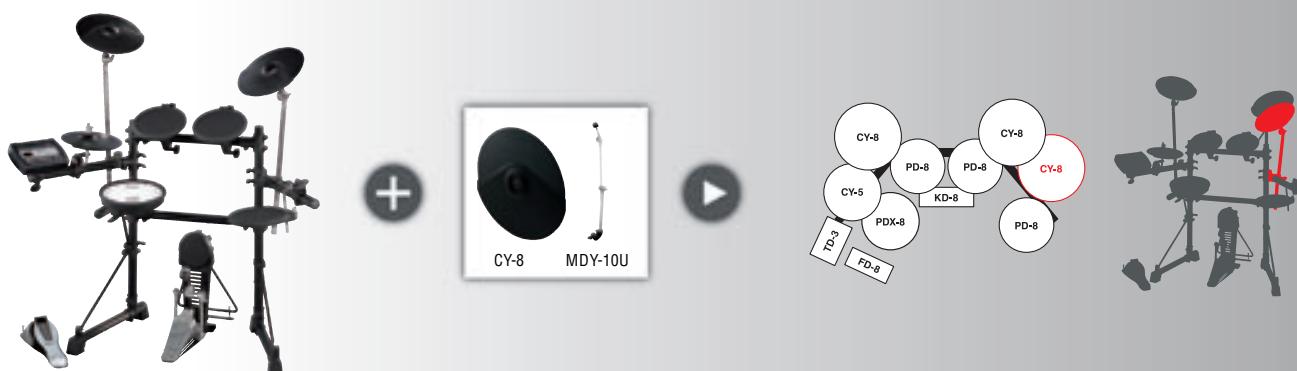
V-Tour® Series TD-9K

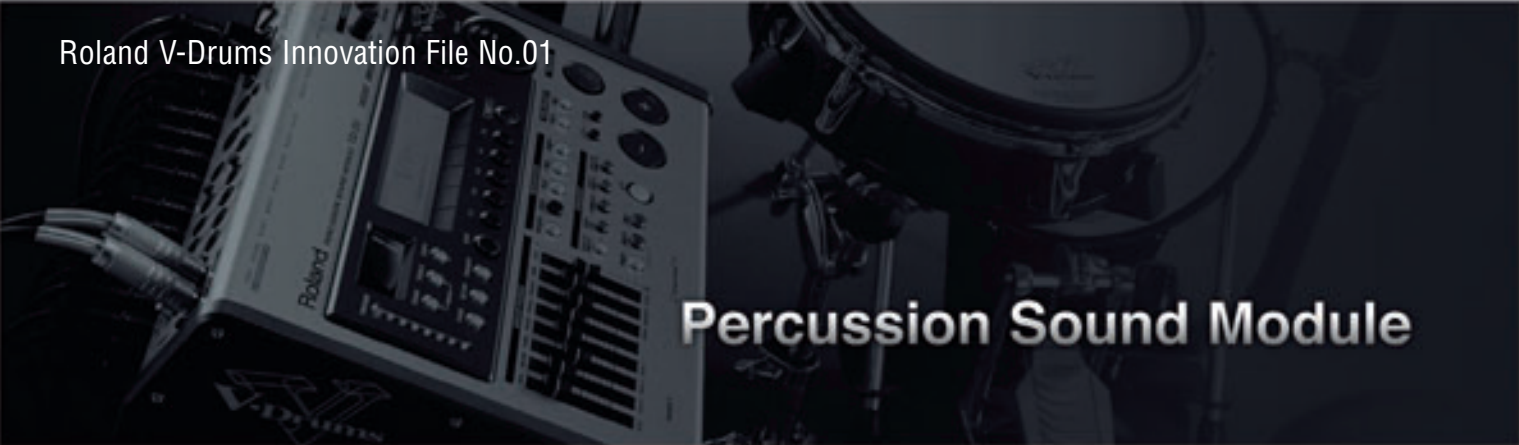
Expand the TD-9K with an additional CY-12R/C ride/crash cymbal pad and PD-8 tom pad plus mounting hardware, as illustrated in the diagram.



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.

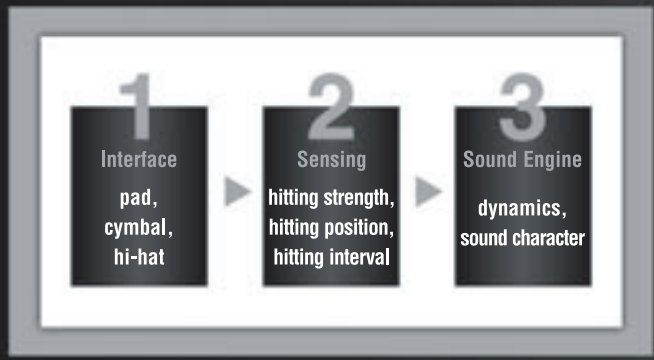




Great-feeling mesh pads are only part of the V-Drums story. The heart and soul of our award-winning kits are the advanced, COSM®-modeling sound modules. The TD-series modules are unsurpassed in rich sound — both acoustic and electronic — and amazing expressiveness. Decades of extensive R&D combined with 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.



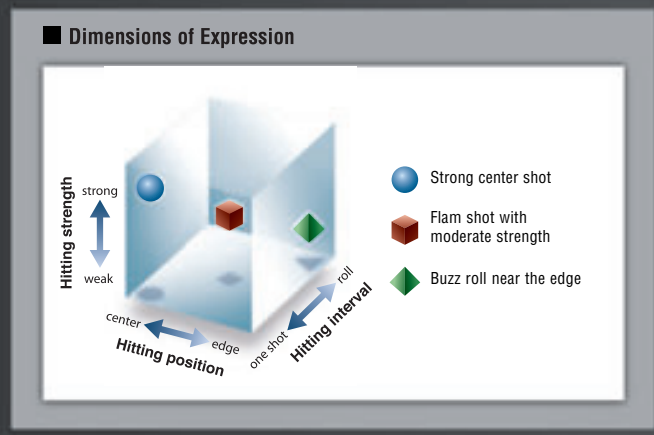
Unmatched Power, Articulation, & Sensitivity

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.

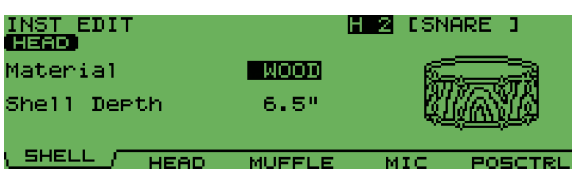
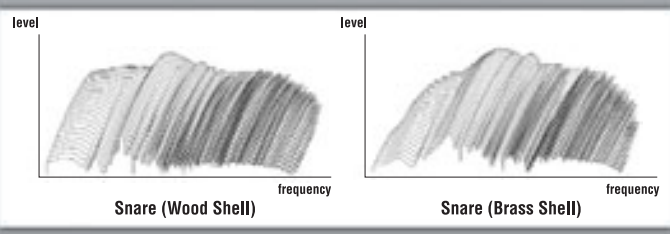


V-EDIT (TD-20/12)

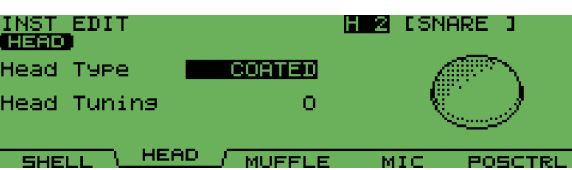
Build Your Kit From the Ground Up

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!

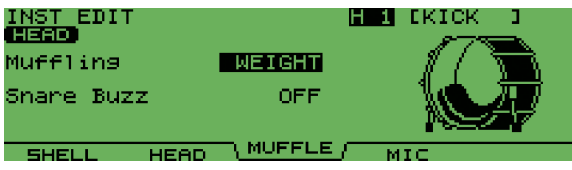
Frequency Plots



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

Percussion Sound Module TD-20

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 entirely 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

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.



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

Percussion Sound Module TD-12

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.



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

Percussion Sound Module

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

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

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).



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

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

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.	
C 1, C 2, C 3	Boosted attack gives the sound greater punch. Shallow room reverberation is also added.	More compression is applied as the number increases, giving the sound greater "punch."



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



V-Compact Series **TD-3Kit**

Percussion Sound	TD-3	X 1
Module	PD-8	X 4
Dual-Trigger Pad	CY-8	X 2
Dual-Trigger Cymbal Pad	KD-8	X 1
Kick Trigger Pad	FD-8	X 1
Hi-Hat Control Pedal	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	TD-9	X 1
Module	PD-	X 1
V-Pad (for Snare)	105BK	X 3
V-Pad	PD-85BK	X 1
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



V-Tour Series **TD-9K**

Percussion Sound	TD-9	X 1
Module	PDX-8	X 1
V-Pad (for Snare)	PD-8	X 3
Dual-Trigger Pad	CY-8	X 2
Dual-Trigger Cymbal Pad	CY-5	X 1
Dual-Trigger Cymbal Pad	KD-8	X 1
Kick Trigger Pad	FD-8	X 1
Hi-Hat Control Pedal	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	TD-12	X 1
Module	PD-105BK	X 1
V-Pad (for Snare)	PD-85BK	X 3
V-Pad	VH-11	X 1
V-Hi-Hat	CY-12R/C	X 3
V-Cymbal Ride/Crash	KD-85BK	X 1
V-Kick Trigger Pad	MDS-12BK	X 1



V-Stage Series **TD-12KV-WH**

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

Percussion Sound Module **TD-20**

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



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



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



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.



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



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.



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).



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.



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.



Hi-Hat Control Pedal FD-8

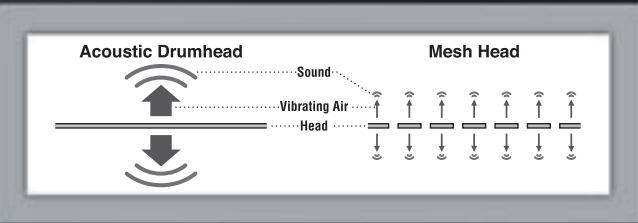
Perfect for Compact Kits and Roland Percussion Pads

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.



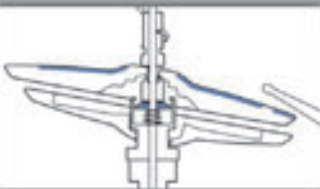
Roland V-Drums Innovation File No.03

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.

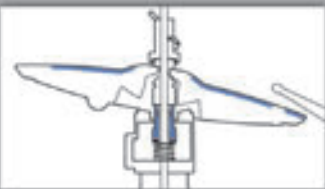
■ VH-12 Sensors [highlighted in blue]



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]



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.



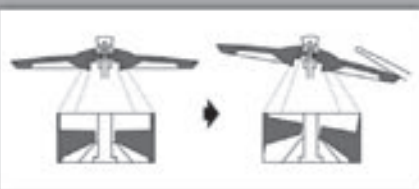
Roland V-Drums Innovation File No.04

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

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.

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**



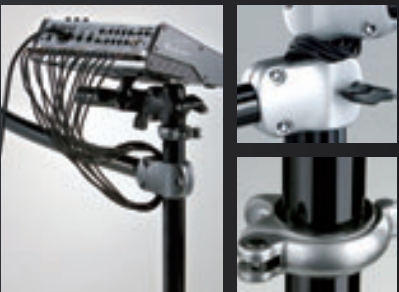
The MDY-10U is a flexible, sturdy cymbal mount for V-Cymbal Pads or a BOSS DB-90 metronome. Its foldable design makes set up and teardown a snap. The MDH-10U is a rock-solid pad mount that’s also friendly for setup and teardown. It holds V-Pads and Trigger Pads.

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.



■ V-Cymbal

	Size	Trigger (playing area)	Choke	Position Sensing
CY-15R	15"	Bell / Bow / Edge*2	☐	☐ **
CY-14C	14"	Bow / Edge	☐	—
CY-12R/C	12"	Bell / Bow / Edge*2	☐	☐ **
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.

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 + Satellite Speaker 50 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/Channel1> PUNCH Switch, Volume Knob <Channel2> VOLUME Knob <Channel3> VOLUME Knob <Woofer Controls> Mode Select Switch, Volume Knob <MASTER> BASS Knob (Equalizer), MIDDLE Knob (Equalizer), TREBLE Knob (Equalizer), VOLUME Knob, POWER Switch • Indicators POWER • Connectors Main Unit <V-DRUMS/Channel1> V-DRUMS INPUT Jack (stereo 1/4" phone type), LINE IN Jack (1/4" phone type) <Channel2> LINE IN Jack (1/4" phone type) <Channel3> 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/Input 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

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



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



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



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 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



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.

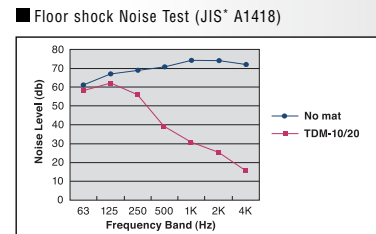


V-Drums Mat **TDM-20 / TDM-10**



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.



*JIS: Japanese Industrial Standards

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

■ OPTIONS

Pad Stand **PDS-10**

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

Adjustable clamp for optimal playing position. Tilt: 200 °

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.

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.

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.

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.

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.

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)

• Trigger: 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

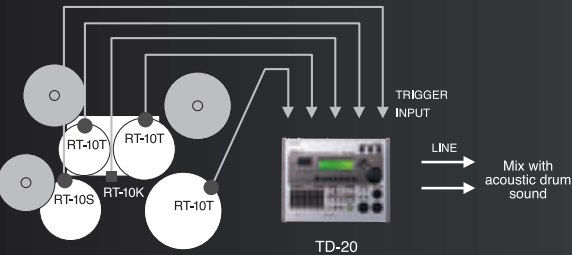
The TMC-6 Trigger MIDI Converter makes it easy to play and trigger MIDI modules and samplers from an acoustic drum set equipped with Roland's RT-series triggers, or to expand the sound palette of electronic drum sets. This affordable device uses the lightning-fast triggering technology of Roland's V-Drums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

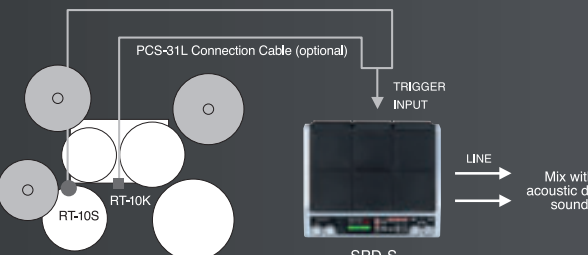
Using the RT-10 Series and TMC-6

Play a TD-Series brain



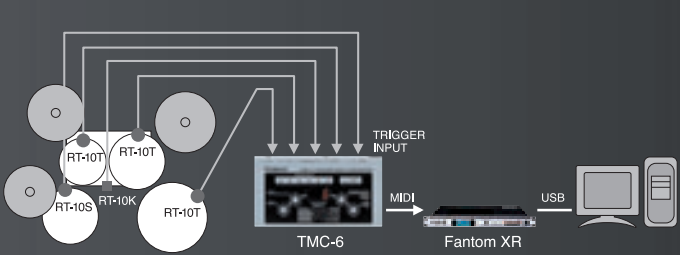
By connecting a set of RT-10 Series triggers to a TD-Series brain, drummers can play high-quality V-Drums sounds right from an acoustic set, or blend electronic and acoustic sounds to create unique sounds. Using the TD-series' Tap Sequence function, drummers

Trigger an SPD-Series module



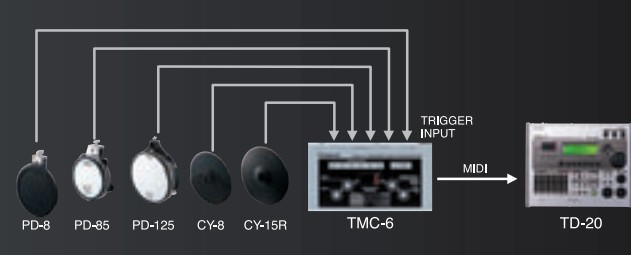
In this example, an RT-10K and RT-10S are connected to an SPD-S Sampling Pad, making this an affordable and easy way to add sampling to an acoustic set. Using the SPD-S's Velocity Switch setting, the snare and bass drum can be set to trigger a different sample depending

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

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

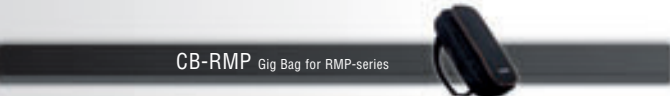


- RMP-5 SPECIFICATIONS
- Pad Size 8 inches • Pad Sounds 54 • Tempo 20–300 • Click Sounds 15 types • Rhythm Types 24 types
- Patterns 22 types • Beat 24 types • Coach Mode TIME CHECK (8 variations), QUIET COUNT (6 variations), AUTO UP/DOWN (6 variations), RHYTHMIC NOTES (3 variations), STROKE BALANCE (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 ("USING THE UNIT SAFELY" and "IMPORTANT NOTES")



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).



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

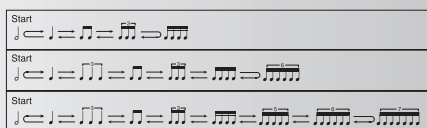
Chart your progress! With each Time Check exercise, the RMP grades your performance (for durations of 4, 8, 16, or 32 measures), and displays your accuracy from 0-100 percent.



*Available on RMP-5 only. On RMP-3, this function is available for performances of 8 measures in Time Check mode.

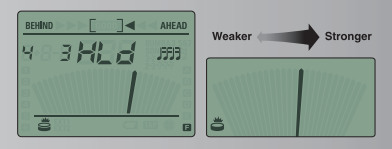
RHYTHMIC NOTES

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



STROKE BALANCE

The onscreen metronome needle indicates how strong you play. Improve balance and accent skills for both hands.



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



- 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), RHYTHM: Quarter note (♩), Eighth note (♩), Eighth rest and eighth note (♩), Triple (♩), Triple with center rest (♩), Sixteenth note (♩), Sixteenth note with sixteenth rest (♩), CLAVE (♩), CLAVE 2 (♩), SHUFFLE x 2, FUNK, DANCE x 2, 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), RHYTHM: Quarter note (♩), Eighth note (♩), Eighth rest and eighth note (♩), Triple (♩), Triple with center rest (♩), Sixteenth note (♩), Sixteenth note with sixteenth rest (♩), CLAVE (♩), CLAVE 2 (♩), SHUFFLE x 2, FUNK, DANCE x 2, COUNTRY, REGGAE, CLAVE x 2, SALSA, RUMBA, BOSSA NOVA, WALTZ, TANGO, MAMBO, MARCH (24 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 (♩), CLAVE 2 (♩), SHUFFLE x 2, FUNK, DANCE x 2, COUNTRY, REGGAE, CLAVE x 2, SALSA, RUMBA, BOSSA NOVA, WALTZ, TANGO, MAMBO, MARCH (24 kinds) • Reference Tone Reference Pitch: A4=438 Hz-445 Hz (1 Hz steps) Reference Tone Range: C4-B4 (Accuracy: ±1 cent) • Auto Power Off function: Turns unit off after 60 min. • Memory function: Stores the settings when the power is turned off. (The Mute status is not stored in memory.) • Indicators: LCD Display, Tempo Indicator LED x 2 • Connector: PHONES Jack (Stereo miniature phone type) • Power Supply: CR2032 lithium battery x 1 • Power Consumption: 10 mA or less (with reference tone sounding) Expected battery life under continuous use: Approximately 20 hours * These figures will vary depending on the actual conditions of use. • Dimensions: 61 (W) x 90 (D) x 20 (H) mm / 2-7/16 (W) x 3-5/16 (D) x 13/16 (H) inches • Weight: 70 g / 3 oz (including batteries) • Accessories: CR2032 lithium battery, Owner's Manual

Roland Percussion Products

Roland's Revolutionary E-Percussion Family Expands



HandSonic Artists



Sheila E



Luis Conte



Bashiri



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 (ACI/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.

- 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



■ REAR PANEL



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.

- 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 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), Silt Tape



■ REAR PANEL



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

019 BongoPtn	037 VerbyHit	055 PinChime	074 FlexMtl	093 Shaker	112 SpokTom4	130 AcuSnr 1	149 908Kik	168 Splash 8
020 CongaPtn	038 RevLAsER	056 BelTreeD	075 MtlCrash	094 ShakaEgg	113 OctTom 1	131 AcuSnr 2	150 110Kik	169 Splash10
021 ShakrPtn	039 WhtPulse	057 BelTreeU	076 Ratchet	095 Maracas	114 OctTom 2	132 AcuSnr 3	151 AcuKik 1	170 Crash 13
022 TablaPtn	040 Sperks	058 CrotaleH	077 Vibraslp	096 CabasaSp	115 OctTom 3	133 Xstick 1	152 AcuKik 2	171 Crash 16
023 MoonG12	041 SidWhstl	059 CrotaleL	078 Tmbrn 1	097 CabasaSt	116 OctTom 4	134 Xstick 2	153 clubHH1c	172 Crash 18
024 16BtPtn1	042 NoiseTap	060 TriangOp	079 Tmbrn 2	098 Bongo Hi	-Drums-	135 Xstick 3	154 clubHH1o	173 China 16
025 16BtPtn2	043 Dolphin	061 TriangMf	080 Tmbrn Sk	099 Bongo Sp		136 808Claps	155 clubHH2c	174 Ride 20
026 16BtPtn3	044 Scratch	062 AccCym 4	081 Tmbrn Sk	100 Bongo Lo	117 clubSnr1	137 909Claps	156 clubHH2o	175 Ride Bl
027 16BtPtn4	045 Hi-Q	063 AccCym 6	082 CowbellS	101 Conga Hi	118 clubSnr2	138 110Claps	157 808HH cl	176 808Tom 1
028 16BtPtn5	046 Spd-S	064 CupChim6	083 CowbellL	102 Conga Sp	119 clubSnr3	139 HndClap1	158 808HH op	177 808Tom 2
029 16BtPtn6	047 Welcome	065 CupChim8	084 CowbJam1	103 Conga Lo	120 clubSnr4	140 HndClap2	159 909HH cl	178 808Tom 3
030 16BtPtn7	048 CorneOnl	066 Gong	085 CowbJam2	104 Cajon Sp	121 clubSnr5	141 FingSnap	160 909HH op	179 AcuTom10
031 16BtPtn8	049 UGotGrv	067 Tamtam	086 CowbBngo	105 Cajon Bs	122 clubSnr6	142 clubKik1	161 110HH cl	180 AcuTom12
032 AirDrtr1	050 Yeaahh	068 BlockJam	087 CowbMmbo	106 TimbleHi	123 clubSnr7	143 clubKik2	162 110HH cl	181 AcuTom16
033 AirDrtr2	051 Haaah	069 Block Hi	088 Agogo Hi	107 TimbleRm	124 clubSnr8	144 clubKik3	163 AcuHH cl	
034 SuperLow	052 BasSlide	070 Block Lo	089 Agogo Lo	108 TimbleLo	125 clubSnr9	145 clubKik4	164 AcuHH op	
035 RevDown	-Percussion-	071 Claves 1	090 SlighBel	109 SpokTom1	126 808Snr	146 clubKik5	165 AcuHH ft	
036 SwepNoiz		072 Claves 2	091 AnklBedD	110 SpokTom2	127 909Snr	147 808Kik 1	166 110 Cym	
		073 Cricket	092 AnklBedS	111 SpokTom3	128 110Snr	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), Input Jacks (L/Mono, R)/1/4 inch phone type), LINE/MIC selectable, Headphones Jack (Stereo)/Stereo 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, Silt 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 EchoohcE	38 Percuss2
03 HipHopp	15 Outback	27 Voices	39 Percuss3
04 LattinH	16 SappBeat	28 TR808Dr2	40 Percuss4
05 DrumMtl	17 Winter	29 SnglHead	41 SynSweep
06 Eftc-Mel	18 All Perc	30 Perfct	42 Phaser
07 CajonBt	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 AcousDrs	23 Pulsar	35 Cym&Gong	47 OvrDrive
12 Bongo	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 STEPELANGER	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	
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Sound Module	Trigger Input	Pad	V-Pad				Pad			V-Cymbal						Cymbal Pad			V-Hi-Hat		Kick Trigger	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	KD-120, KD-85, KD-8, KD-7	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	Rim Shot				
TD-20	1 (KICK)		○	—	—	○	—	○	○	○	○	○	—	○	○	○	○	○	○	○	—	—	○	○	—
	2 (SNARE)		○ ^{*pos}	○ ^{*pos} ^{*2} ^{*10}	○	○	○ ^{*2}	○ ^{*pos}	○	○	○ ^{*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}	○	○	○ ^{*pos}	○	○ ^{*5}	○	○ ^{*pos}	○	○	○	○	○	—	—	○	○	—
	12, 13, 14, 15 (AUX1, 2, 3, 4)		○	○ ^{*pos} ^{*10}	—	○	○	○	○	○	○	○	—	○	○	○	○	○	○	○	—	—	○	○	○
TD-12	1 (KICK)		○	—	—	○	—	○	○	○	○	○	—	○	○	○	○	○	○	○	—	—	○	○	—
	2 (SNARE)		○ ^{*pos}	○ ^{*pos} ^{*2} ^{*10}	○	○	○ ^{*2}	○ ^{*pos}	○	○	○ ^{*pos}	○	—	○	○ ^{*pos}	○	○	○	○	○	—	—	○	○	○
	3, 4, 5 (TOM1, 2, 3)		○	○ ^{*pos} ^{*10}	—	○	○	○	○	○	○	○	—	○	○	○	○	○	○	○	—	—	○	○	○
	6 (HI-HAT)		○	—	—	○	—	○	○	○	○	○	—	○	○	○	○	○	○	○	○	○	○	○	—
	7, 8 (CRASH1, 2)		○	—	—	○	—	○	○	○	○	○	—	○	○	○	○	○	○	○	—	—	○	○	—
	9 (RIDE), 10 (EDGE)		○ ^{*pos}	—	—	○	—	○ ^{*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}
HPD-15	TRIGGER INPUT* ⁶		○	○ ^{*7}	—	○	○ ^{*7}	○	○ ^{*7}	—	○	○ ^{*7}	—	—	○	○ ^{*7}	—	○	○ ^{*7}	—	—	—	○	○	○ ^{*7} * ⁹
HPD-10	EXT TRIG* ⁶		○	○ ^{*12}	—	○	○ ^{*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}	—	—	○	○	○ ^{*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.

Sound Lists

Sound Lists

TD-20 / TD-12 DRUM INSTRUMENTS

Key	No.	Inst Name	No.	Inst Name	No.	Inst Name	No.	Inst Name	No.	Inst Name	No.	Inst Name	No.	Inst Name	No.	Inst Name	No.	Inst Name	No.	Inst Name	No.	Inst Name	No.	Inst Name
Kick	57	Lo-Fi	K	112	Brush2	SR	167	10'Univ	T1	225	Swing	T1	281	CiscElec4	T1	336	8'Bell	SpEq	391	Conga Lo	449	Castanet	505	Tekno FX2
1	22'BBrick	K	KICK ELEC	119	SNARE PROCESSED		168	10'Univ	T1R	226	Swing	T2	282	CiscElec4	T2	337	8'Open	SpEq	392	Conga LoMute	450	WoodBlock	506	Tekno FX3
2	22'SolidC	K	58	Cosmic	K	113	Basix	S					283	CiscElec4	T3	338	8'Open	SpEq	393	Cajon Bass	451	Timpani C	507	Ring FX
3	22'WdC	K	59	HiLo	K	114	Churn	S	117	14'Univ	T1	227	Swing	T2	284	TR808	T1	339	10'MM	SpEq	394	WoodBox	508	Loop FX
4	22'Maple	K	60	Analog1	K	115	ClapLat	S	171	14'Univ	T3	229	Pop1	T1	285	TR808	T1	340	10'MM	SpEq	395	Cajon Slap	509	LaserGun
5	24'Carbon	K	61	Analog2	K	116	ClubDry	S	172	14'Univ	T3P	230	Pop1	T2	286	TR808	T2	341	CHINA		396	Cowbell H	510	ConcertBD Mt
6	24'Carbon	K	62	Clap	K	117	Analog	S	173	14'Univ	T3P	231	Pop1	T2	287	TR808	T2	342	12'PybBack	Eg	400	Cowbell M	511	ConcertBD Mt
7	22'GT	K	63	ClasElec1	K	118	HopRm1	S	174	16'Univ	T4R	232	Pop1	T4	288	TR808	T4	342	12'PybBack	Eg	400	Cowbell Mute	512	Wanderer
8	22'CTHrp	K	64	ClasElec2	K	119	HopRm2	S	175	16'Univ	T4R	233	Pop1	T4	289	TR808	T4	343	12'PybBack	Eg	400	Cowbell Mute	513	Wanderer
9	22'CTHrp	K	65	ClasElec3	K	120	HopRm3	S	176	16'Univ	T4R	234	Pop1	T4	290	TR809	T2	344	16'Zwisch	Eg	400	CowbellMambo	514	Wanderer
10	20'LTile	K	66	ClasElec4	K	121	LzrGate	S	177	13'Class	T2	235	Pop2	T3	291	TR809	T3	345	18'CB	Low	403	SquareBlock	515	Click
11	20'CTySeWd	K	67	ClasElec5	K	122	Planet	S	178	16'Class	T3	236	Pop2	T3	292	TR809	T3	346	18'CB	Low	403	SquareBlock	516	Click
12	20'CTySeWd	K	68	ClasElec6	K	123	Planet	S	179	16'Class	T3	237	Pop2	T3	293	TR809	T3	347	20'10'Chntr	Hi	403	Block Hi	517	Crotale
13	Recording1	K	69	TR808 Kick	K	124	RB	S	180	16'Class	T3P	238	Round	T3	294	14'P-Hat	Hi	348	China PngBack	404	Maracas	518	BeetTree	
14	Recording2	K	70	TR809 Kick	K	125	25Shg	S	181	16'Class	T3P	239	Round	T3	295	14'P-Hat	Hi	349	Crash PngBack	405	Maracas	519	BeetTree	
15	BigOpen	K	71	RoundBdge	S	127	Round	XStik	183	12'Fiber	T1	241	80'SDry	T1	296	13'Hatz	HiEq	350	18'PdrId	ReEq	407	Tambourine1	520	MicroBell
16	ColRnBombo1	K	72	RoundBdge	S	128	Round	XStik	184	12'Fiber	T2	242	80'SDry	T2	297	13'Hatz	HiEq	351	18'PdrId	ReEq	407	Tambourine1	521	MicroBell
17	ColRnBombo2	K	73	CoolyMaple	S	129	70'S	XStik	185	14'Fiber	T2	243	80'SDry	T2	298	14'Hatz	HiEq	352	18'PdrId	ReEq	408	Tambourine3	522	Motor
18	Canon	K	74	CoolyMaple	SR	130	WoodBr	XStik	186	14'Fiber	T2R	244	80'SDry	T4	299	14'Dark	Hi	353	18'BP	ReEq	410	Guro Long	523	Engine
19	Canon	K	75	70'SMetal	SR	131	WoodBr	XStik	187	14'Fiber	T2R	245	80'SDry	T4	300	14'Dark	Hi	354	18'BP	ReEq	410	Guro Short	524	Engine
20	Booth	K	76	70'SMetal	SR	132	Alumi	XStik	188	16'Fiber	T3R	246	90'SBg	T2	301	14'Edge	Hi	355	18'BP	ReEq	412	Timbale H	525	ConcertSnare
22	Ballad	K	77	WoodBrass	S	133	Titan	XStik	189	18'Fiber	T3	247	90'SBg	T3	302	14'Edge	HiEq	356	20'Heavy	ReEq	413	TimbaleHrftm	526	SteinDrum
23	Shank	K	78	WoodBrass	S	134	Shank	XStik	190	18'Fiber	T4	248	90'SBg	T4	303	14'Edge	HiEq	357	20'Heavy	ReEq	414	Timbale L	527	SteinDrum
24	Heavy	K	79	13'Hole	S	135	30'S	XStik	191	12'Maple	T1	249	90'SPower	T1	304	13'Lie	HiEq	358	20'Heavy	ReEq	415	TimbaleHrftm	528	Bounce
25	Can	K	80	13'Hole	SR	136	Reggae	XStik	192	12'Maple	T1R	250	90'SPower	T2	305	Brush	Hi	359	20'Med	ReEq	416	Agogo Hi	529	Verytong
26	Shank	K	81	Aluminum	SR	137	Alumi	XStik	193	12'Maple	T2	251	90'SPower	T2	306	Brush	Hi	360	20'Med	ReEq	417	Alambaca	530	Whistle
27	LatIn	K	82	Aluminum	SR	138	Studio	XStik	194	14'Maple	T2R	252	90'SPower	T4	307	TR808	Hi	361	20'Med	ReEq	418	Cabasa	531	Kalimba
28	Meat	K	83	Titanium	S	139	Swing	XStik	195	16'Maple	T3	253	OctaTom C	Hi	308	TR809	Hi	362	20'Turky	ReEq	419	Cuca Hi	532	Vibraphone
29	HiLo	K	84	Titanium	SR	140	Alumi	XStik	196	16'Maple	T3	254	OctaTom C	Hi	309	TR809	Hi	363	20'Turky	ReEq	420	Cuca Low	533	Vibraphone
30	MydM	K	85	Skanky	S	141	Maple	XStik	197	16'Maple	T4	255	OctaTom A		310	Elec	Hi	364	20'Turky	ReEq	421	Cuca A	534	PERC ANALOG
31	DrY	K	86	Skanky	SR	142	Maple	XStik	198	16'Maple	T4R	256	OctaTom G	CRASH				365	19'NY	ReEq	422	Pandero	535	CR780CovB
32	Old	K	87	OldMaple	SR	143	ClasElec1	S	200	12'Oak	T1	257	OctaTom G	CRASH	11	16'Dark	CwB	366	19'NY	ReEq	423	Pandero	536	CR780CovB
33	Reso	K	88	30sMaple	SR	144	ClasElec1	S	200	12'Oak	T1	258	OctaTom E		312	16'Dark	CwB	367	19'NY	ReEq	424	PanderoSlap	537	Scratch1
34	Raw	K	89	BrasPico	S	145	ClasElec3	S	201	14'Oak	T2	259	OctaTom D		313	16'Thin	CwB	368	20'Lite	ReEq	425	Surdo Hi	538	Scratch2
35	OldMaple	K	90	BrasPico	SR	146	ClasElec4	S	202	14'Oak	T2	260	OctaTom D		314	16'Thin	CwB	369	20'Lite	ReEq	426	Surdo HmMute	539	Scratch3
36	OldMaple	K	91	Booth	S	146	ClasElec3	S	203	16'Oak	T3	261	Mallet	T1	315	16'Paper	CwB	370	20'Lite	ReEq	427	Surdo Lo	540	Scratch4
37	Hard	K	92	Booth	SR	147	TR808 Snare	S	204	16'Oak	T3P	262	Mallet	T2	316	16'Paper	CwB	371	22'Clean	ReEq	428	Surdo LoMute	541	Scratch5
38	Hybrid	K	93	Studio	SR	148	TR809 Snare	S	205	16'Oak	T3P	263	Mallet	T2	317	16'Paper	CwB	372	22'Clean	ReEq	429	Surdo LoMute	542	Scratch6
39	Hybrid	K	94	Studio	SR	149	TR809 Snare	S	206	16'Oak	T4	264	Mallet	T4	318	16'PwPwr	CwB	373	22'Clean	ReEq	430	WhistleShort	543	Scratch7
40	Gabb3	K	95	Ballad	S	150	TR808 SnrRm	S	207	8'Roti	T1	265	TR08	Hi	319	18'Power	CwB	374	18'Formu	ReEq	431	Vibraslap	544	TR808Stick
41	Gabb3	K	96	Ballad	SR	151	TR808 SnrRm	S	208	8'Roti	T1	266	TR08	Hi	320	18'Power	CwB	375	18'Formu	ReEq	432	Vibraslap	545	TR808Stick
42	Gabb3	K	97	Swing	S	151	12'Brch	T1	209	10'Roti	T1	267	Brush	T2	321	18'Med	CwB	376	18'Formu	ReEq	433	Table Te	546	Vocoder2
KICK PROCESSED	98	Swing	SR	152	12'Brch	T1R	210	10'Roti	T2	268	Brush	T3	322	18'Med	CwB	377	20'Ball	ReEq	434	Table T1	490	H-Q	547	Tekbnt
1	Chicken	K	100	Street	S	153	13'Brch	T3	211	10'Roti	T2	269	Brush	T3	323	18'NY	CwB	378	20'Ball	ReEq	435	Table T2	548	Pyon
2	Chicken	K	101	Lo Lite	S	154	13'Brch	T2R	212	12'Roti	T3R	270	TR08	Hi	324	19'NY	CwB	379	20'Ball	ReEq	436	Table T3	549	FunkHit
3	Jive	K	101	LA Fat	P	155	16'Brch	T3	213	14'Oak	T4	269	CiscElec1	T1	325	18'Fast	CwB	380	Brush	ReEq	437	Baye Ge	550	Bass Gils
4	Layered	K	103	Whack	S	156	16'Brch	T3	214	16'Oak	T4	270	CiscElec1	T2	326	18'Fast	CwB	381	Brush	ReEq	438	Baye Gls	551	Baye Gls
5	Lay	K	103	Whack	S	157	18'Brch	T4	215	16'Roti	T5	271	CiscElec1	T3	327	18'Fast	CwB	382	Mallet	ReEq	439	Baye Ka	552	GuitarScrth
6	Lay	K	104	Impulse	S	158	18'Brch	T4R	216	16'Roti	T5	272	CiscElec1	T4	328	Brush	C	383	Mallet	ReEq	440	Baye Slide	553	CutDown
7	Lazy	K	105	Cruddy	T1	159	18'Brch	T4	217	16'Roti	T5	273	CiscElec1	T5	329	Brush	C	384	Mallet	ReEq	441	Baye Slap	554	CRASHION
8	Lazy	K	106	Cruddy	T2	160	12'GT	T1R	218	18'Roti	T5	274	CiscElec1	T2	330	Mallet	C	384	Bongo Hi	ReEq	442	PolDrum	555	SuperLow
9	LaFloor	K	107	HotRd	T2	161	13'GT	T2	219	18'RotiExoL1		275	CiscElec2	T3	331	SPLASH	SpEq	385	Bongo HiSlap	ReEq	443	PolDrum Mute	556	TimeWarp1
10	LaFloor	K	108	HotRd	T3	162	13'GT	T3	220	18'RotiExoL2		276	CiscElec2	T4	332	SPLASH	SpEq	386	Bongo HiSlap	ReEq	444	PolDrum Mute	557	TimeWarp2
11	Plastic	K	109	HotRd	T4	163	16'GT	T3	221	21'Ballat	T1	277	CiscElec3	T1	333	6'Splazh	SpEq	387	Bongo LoSlap	ReEq	445	Djembe Slap	558	WaGr2 Up
12	Plastic	K	109	HotRd	T5	164	16'GT	T3R	222	21'Ballat	T2	278	CiscElec3	T2	334	8'Thin	SpEq	388	Conga Hi	ReEq	446	Djembe Slap	559	TimeWarp3
13	Plastic	K	109	HotRd	T6	165	16'GT	T3R	223	21'Ballat	T3	279	CiscElec3	T3	335	8'Thin	SpEq	389	Conga Hi	ReEq	447	Djembe Slap	560	TimeWarp4
14	Plastic	K	109	HotRd	T7	166	16'GT	T3R	224	21'Ballat	T4	280	CiscElec3	T4	336	8'Ball	SpEq	390	Conga HiSlap	ReEq	448	TakingDrUp	561	FoxPck
15	Plastic	K	111	Brush2	S	166	18'GT	T4R	224	21'Ballat	T4	280	CiscElec3	T4	336	8'Ball	SpEq	390	Conga HiSlap	ReEq	448	TakingDrUp	561	FoxPck

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. HH: Hi-hat bow sound, HHEg: Hi-hat edge sound, CrBw: Crash bow sound, CrEg: Crash edge sound, Rd: Ride bow sound, RdBl: Ride bell sound

TD-20 PRESET DRUM KITS

[illegible]

*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 from scratch.

TD-12 PRESET DRUM KITS

[illegible]

Loop: Playback starts when the pad to which the pattern is assigned is struck, and stops when hit again. (Loop Pattern) Tap: Chords or melodies are played once each time the pad to which the pattern is assigned is struck. (Tap Pattern)
Shot: Playback (one time only) starts when the pad to which the pattern is assigned is struck. (One-Shot Pattern)

TD-9 DRUM INSTRUMENT

[illegible]

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. HH: Hi-hat bow sound, HHEg: Hi-hat edge sound, CRbw: Crash bow sound, CREg: Crash edge sound, Rd: Ride bow sound, RDBl: Ride bell sound *X: Cross-sticking is possible. Cross-stick and open rimshots can be varied according to hitting strength.

TD-9 PRESET DRUM KITS

[illegible]

TD-3 DRUM INSTRUMENTS

No.	Inst. Name	No.	Inst. Name	No.	Inst. Name	No.	Inst. Name	No.	Inst. Name	No.	Inst. Name	No.	Inst. Name		
KICK		SNARE		30	S9 Brush Snare	TOM		61	IS 3.808 Tom 3	RIDE		PERCUSSION			
1	K01 Wood Kick	15	S1 Bright Snare	31	S9 Brush Snare Rim	46	11.1 Power Tom 12"	62	1E1 Electronic Tom 1	75	Rd1 Pop Ride (Bowbell sw) 2"	89	P01 Claves	104	P16 Conga Closed Slap
2	K02 Tight Kick	16	S1 Bright Snare Rim 1"	32	S10 Cross Stick 1"	47	11.2 Power Tom 14"	63	1E2 Electronic Tom 2	76	Rd2 Pop Ride Bell	90	P02 Shaker	105	P17 Conga Lo
3	K03 Snare Kick	17	S2 Vintage Snare	33	S11 Power Tom 16"	48	11.3 Power Tom 16"	64	1E3 Electronic Tom 3	77	Rd3 Pop Ride Edge	91	P03 Tambourine	106	P18 Conga Rim
4	K04 Ambient Kick	18	S2 Vintage Snare Rim 1"	34	S12 Cuck Snare 1"	49	12.1 Rock Tom 12"	65	1E4 Electronic Tom 4	78	Rd4 Jazz Ride (Bowbell sw) 2"	92	P04 Cowbell 1"	107	P19 Conga Closed Slap
5	K05 Muffle Kick	19	S3 Vintage Snare	35	S13 Rock Snare 1"	50	12.2 Rock Tom 13"	66	1E5 Electronic Tom 5	79	Rd5 Jazz Ride Edge	93	P05 Wood Block 16"	108	P20 Bongo Lo
6	K06 Kick	20	S3 Vintage Snare 2 Rim 1"	36	S14 Kick Snare 1"	51	12.3 Rock Tom 13"	67	H02 Lite HH	80	Rd6 Jazz Ride Edge	94	P06 Wood Block 8"	109	SP1 Timbale Hi/rim sw 3"
7	K07 Hard Attack Kick	21	S4 Funk Snare	37	S15 Cuck Snare 4"	52	13.1 Clear Tom 10"	68	H03 Dark HH	81	CRASH	95	P07 Wood Block Lo	110	SP2 Timbale Hi/rim sw 3"
8	K08 Kick	22	S4 Funk Snare Rim 1"	38	S16 Clear Snare 5"	53	13.2 Clear Snare 12"	69	H04 Dark HH Edge	82	CR2 Medium Crash 16"	96	P08 Conga Close	111	SP3 Conga Hi/Slap sw 3"
9	K09 Cuck Kick	23	S5 Piccolo Snare	39	S17 Cuck Snare 6"	54	13.3 Clear Tom 14"	70	H05 Cuck HH	83	CR3 Dark Crash 16"	97	P09 Triangle Close	112	SP5 Shaker/Claves sw 3"
10	K10 Cuck Kick	24	S5r Piccolo Snare Rim	40	S18 Cuck Snare 7"	55	13.4 Clear Tom 16"	71	H06 808 HH	84	CR4 Medium Thin Crash 16"	98	P10 Sleigh Bell	113	OFF
11	K11 Cuck Kick 2	25	S6 Brass Snare	41	S19 Cuck Snare 7"	56	14.1 Jazz Tom 12"	72	H07 909 HH	85	CR5 Paper Thin Crash 16"	99	P11 Triangle	114	OFF OFF
12	K12 Cuck Kick 4	26	S6r Brass Snare Rim	42	S20 Cuck Snare 7"	57	14.2 Jazz Tom 13"	73	H08 Triangle HH	86	CR6 Paper Thin Crash 14"	100	P12 Timbale Hi		
13	K13 808 Kick	27	S7 Rock Snare	43	S21 808 Snare	58	14.3 Jazz Tom 16"	74	H09 Shaker & Pédal Claves	87	CR6 Splash 6"	101	P13 Timbale Rim		
14	K14 909 Kick	28	S7r Rock Snare Rim	44	S22 909 Snare	59	15.1 808 Tom 1"	75	H10 Tambourine & Pédal Cowbell	88	CR7 China 16"	102	P14 Timbale Lo		
		29	S8 Ballad Snare	45	S23 909 Clap	60	15.2 808 Tom 2"			88	CR8 808 Cymbal	103	P15 Conga Hi		

*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

No.	Kit Name	No.	Kit Name	No.	Kit Name	No.	Kit Name	No.	Kit Name	No.	Kit Name	No.	Kit Name
1	Acoustic	5	Ballad	9	Jazz	13	Acid House	17	Funk	21	Jazz Fusion	25	R&B
2	Groove	6	Electronic	10	Disco Beat	14	TR-808	18	Latin House	22	Garage House	26	Techno Cumbia
3	Old	7	Techno House	11	Open Rock	15	Drum	19	Abstract	23	Light Turning	27	Classic R&B
4	2 Step	8	Hip-Hop	12	Standard	16	Jungle	20	Club Mix	24	Brushes	28	Pop-Rock
												29	Timbales Kit
												30	Conga Kit
												31	Percussion Set 1
												32	Percussion Set 2

SPD-20 PRESET INSTRUMENTS

[illegible]

*1: You can continuously change the tone and length of the sound from closed to opened by using the hi-hat control pedal.
*2: These are short phrases typical of that music genre. By using the pedal switch, you can hold the phrase loop.

HandSonic 15 PRESET INSTRUMENTS

	No.	Inst Name	No.	Inst Name	No.	Inst Name	No.	Inst Name	No.	Inst Name	No.	Inst Name
LATIN	I04-I06	Cava x3	F59	Boomerang x1	ASIAN		A37	Rama Cymbal x1	O18	Xylophone x1	D19-D21	High-Q x3
L01-L05,L07	I07-08	Rain Stick x2	F60	Bamboo x1	A01	Biwa x1	A38-A40	Chenchen x3	O19-O20	Marmira x2	D29-D36	Hic x8
L06-L08	I09-110	Samba/Bateria x1	F61	BloomBell x1	A02	Atanganje x1	A41-A43	Bal Gum x3	O21	Bass Marimba x1		Hit x18
L09-L11	I10-111	Spain/Conga x2	I10-111		INDIAN		A44	Hyochang x1	O22	Celeste x1	SFX	
L28-L29	I12-113	E.Conga x2	I01	Samba Bell x1	A04	Okhwaka x1	A45-A47	JawsHarap x3	O23	Tubular Bell x1	S23-S26	Shot x4
L19-L27,L30	I14-I25	Analog/Percs x12	I02-I09	Tatba x10	A05-A06	Tsuuzumi x2	A48	Gong x1	O24	Glass x1	S27-S36	Noise x10
L31-L34			I09-I10	Bayo x10	A07-A08	Shime Taku x2	A49	Gongs x1	O25	Iron Hammer x1		x50
L35-L36	F01	Shekere x1	I15-119	Dholak x5	A09-A10	Matsun/Talko x2	A50	Saron x1		DRUMS	OTHERS	
L37-L40	F02-F07	Diembe x6	I20-I23	Madal x4	A11-A12	Buku x2	A51	Angklung x1	R01-R12	Kick x12	T01-T05	Piano x5
L41-L44	F08-F13	Small Diembe x6	I14	Khole x1	A13		A52-A53	Gamelan x2	R22-R34	Snare x22	T06-T07	Organ x2
L45-L46	F14-F15	Talking Drum x3	I26-I28	Xa x1	I14-A15	ling x1			R35-R36	Brush/Slick x2	T08-T26	Guitar x21
L45-L46	F17-F20	Aro Drum x4	I29-I30	Sitar x2	I16-A17	Gengari x2	O01	Sleigh Bell x1	R37-R42	Slick x6	T29-T41	Bass x13
L47-L59	F21	Metel Castia x1	I31-I32	Santoor x2	I18-A20	Ban Gu x1	O02	Thee Trimes x1	R43-R56	Tom x14	T44-T44	Strings x3
L60-L63	F22-F31	Pot Drum x10	I22-I24	Gu x1	F19-O03	Tango x2	O03	Triang/O04 x2	R57-R58	Drum/Hat x2	T45-T50	Brass x5
L61-L62	F32	Kalimba x1	I35	Bell Tree x1	A24-A25	Tang Gu x1	O05	Castanets x18	R59-R66	Cymbal x18	T51	Tenor sax x1
L63-L69	F33	Log Drum x1	I36-I38	Sagat x3	A26-A27	Yu Yin Luo x2	O06-O07	Wood Block x2	R67	Whistle Pedal x1	T52	Flute x1
L70-L71	F34-F41	Gyil x1	I39-I43	Dustlark x3	A28-I28	Xiao x1	O08	Kiplugbal x1	R68-R69/R70	Kick/Pedal x1	T53	Waves x6
L71-L78	F42-F49	Balahophone x8	I42-I43	Doira x2	A29	Xiao Bo x1	O09-O10	Concert BsDr x2	r02	Voiced Kick x1	T59-T68	Synth x10
L79-L84	F50	Airo Zither x1	I44-I49	Doholla x6	A30	Large TamTam x1	O11	Timpani x1	r03	Voice Snare x1		
L85-L88	F51	Airo Fret x1	F51	Ruk x1	A31	Large Hat x1	O12	New Hihat x1	r04	Voice HHat x1		
L90-L93	F52	Airo Stomp x1	I55	Bendir x1	A32	Small Gong x1	O13-O14	Orch Hit x2		DANCE		
L94-L96	F53-F54	Hand Drum x2	I55	Dawl x1	A33	Benf Gong x1	O15	DrmmJam Whstl x1	D01-D05	Hand Clap x5		
L97	F55-F57	Mongu x3	I60	Mongu x3	A34	Tang Chai x1	O16	Glockenspiel x1	D06-D12	Gong x7		
L98-L03	F58	Clapstick x1	I65-I67	Hwml/Dmtr x2	A35-A36	Finger Cym x2	O17	Vibraphone x1	D01-D08	Trash x4		

HandSonic 10 PRESET INSTRUMENTS

No.	Inst	Name	No.	Inst	Name	No.	Inst	Name	No.	Inst	Name	No.	Inst	Name	No.	Inst	Name		
LATIN			007-078	Caixa	145-146	Sitar	x2	193	Large Tam/Tam	285-286	AcuSnare1	x2	357-358	SplashCym	x2	385	AirDrft		
001-006	Bongo Bi	x6	079	Vibra-slap	147-154	Gyilli	x8	194	Sleigh Bell	287-288	AcuSnare2	x2	359	ChinCym		386	AirRelease		
007	Bong Lo		080	Rain Stick	155-162	Santoor	x8	195	Tree Chimes	289-290	AcuSnare3	x2	360	AccentCym		387	CarHorn		
008-010	Conga Hi	x8	081	Crickets	163-165	JiwaHats	x2	196	Pin Chimes	291-292	AcuSnare4	x2	361	Cup Chime		388	FightGong		
011	Conga Lo		082-083	Conga Lo	164-165	Beel Tree	x8	197	Beel Tree	293-294	AcuSnare5	x2	362	Clash Cym		389	Bottle Shaker		
017-021	Congaz Hi	x5	084	MetalCrasher	166-167	Hira Taiko	x2	198	Crotale	294	MarchSnare		363-365	RideCym	x3	390	Bubble		
022	Conga Lo		085-092	SteelDrum	x8	168	Tazumi	199-202	Wood Block	x3	295-296	BrushSnare	x2	366	Brush Ride		391	Joint Beat	
023-026	Timballo Hi	x4	093	WORN	x8	169	Chiklens	203-205	Famelpad	x3	297-298	CrossStick		367	Glass Block		392	Glass Block	
027-032	Timbalo Lo	x6	094-096	Cajon	x4	170	Atariange	206-208	Triangle	x3	299-305	ClashSnare	x7	OTHERS		393	Neck Beat		
033-034	Claves	x2	097-100	Djembe	x4	171	Hyoshihi	209-211	Tambourine	x3	306	Kick Snare		368	HandClap		394	Tou Sound Hi	
035-036	Claves	x2	101-104	Djembe	x4	172	Genito	212-213	Genito	x3	309-307	Kick Snare		369	Cry Snare		395	Cry Snare Lo	
041-042	Shaker	x2	105	Talking Drum	x4	174-175	YoYiLuo	x2	213-214	Ratchet	x2	308	Kick/Snare		370	FlamencoClap		396	Clock Tick
043-045	Ganza	x3	106-110	PotDrum	x5	176	Nao Bo		215	ClapStick	x3	309-311	AcuTom 1	x3	371	808 Claps		397	Squelch
046-047	Maracas	x2	111-118	Tabla	x8	177	Xiao Bo		216-218	Whistle	x3	312-314	AcuTom 2	x3	372	909 Claps		398	Glass Crash
048	Ganza		119-122	Bayan	x8	178-179	ImperCymbal	x2	219	ImperCym	x2	315-316	AcuTom 3	x2	373	Triangle Cym		399	Trash Cym
049-050	Shakere	x2	123-127	Dholak	x5	180-181	Chenchen	x2	227-234	Glocken	x8	317-319	ElecTom	x3	374	78 Claves		400	VerbyStick
051	Cabasa		128-129	Darabuka	x2	182-183	Bal/Cymbal	x2	235-242	Xylophone	x8	320-322	Spoke Tom	x3	375	78 Cowbell		401	Thunder
052	Aluche		130-131	Doira	x2	184	Ban Gu		243	Vibraphone	x2	323-325	8 Maracas		376	Spacium		402	Spacium
053-055	Guitr	x3	132-134	Doholla	x3	185-186	Buk	x2	251-258	Marimba	x8	326-328	808 Tom	x3	377	78 MetalBeat		403	TechnoChic
056-057	Gogobell	x2	135-137	Rex	x3	187	Jang Gu		259-266	HandBell	x8	329-333	AcuHi	x5	378	78 Tamb		404	Zeepner
058-060	Agogobell	x3	138	Bendir	x8	188	Tang Gu		267	TubularBell	x8	334-338	AcuHi2	x3	379	Scratch		405	Ricochet
061-063	Surdo	x3	139	AnkleBeads		ORCHESTRA			268-274	RRUMS		339-342	ClubbH	x2	380	Scratch LE		406	Transponder
064-067	Repinque	x4	140	Africajingle		189	concentrBD		275-278	AcuClk	x4	343-346	ClubbH2	x4	381	Scratch PP		407	WarpDrive
068-072	Pandero	x5	141	Oujada		concentrSnare			279-282	ClubbClk	x4	347-350	808 HH	x4	382	Super Low		408	MicroScratch
073-075	Pandero	x2	142-143	Sigat		190	PairCymals		283	909 Kik	x4	351-354	AcuHi	x4	383	AcuHi		409	HandCym
075-076	Caica	x2	144	Bonang		192	Mallet Cym		284	909 Kick	x2	355-356	CrashCym	x2	384	Hammer		410	Off

RMP-5 PAD INSTRUMENTS

No.	Inst Name	No.	Inst Name	No.	Inst Name	No.	Inst Name	No.	Inst Name	No.	Inst Name	No.	Inst Name
Sn1	Snare 1 Vintage	ES1	Elec. Snare 1	HH1	Hi-Hat Close	rd2	Ride Cymbal Bow/Bell	Sd1	Surdo Open	tr1	Triangle Open	Sh1	Shaker 1 head sound only *1
Sn2	Snare 2 Brass	ES2	Elec. Snare 2	HH2	Hi-Hat Open	SP1	Splash	Sd2	Surdo Mute	tr2	Triangle Mute	Sh2	Shaker 2 head sound only *1
Sn3	Snare 3 Bright	K01	Kick 1 Rock *3	K01	Kick Hi-Hat Close/Open	101	Tom 1	Sd3	Surdo Mute/Open *2	tr3	Triangle Mute/Open	Sh3	Shaker 3 head sound only *1
Sn4	Snare 4	K02	Kick 2 Hant *3	EH1	Elec. Hi-Hat Close	C01	Caixa	C01	Cowbell Close	tr4	Triangle Close	Sh4	Shaker 4 head sound only *1
Sn5	Snare 5 Piccolo	K03	Kick 3 Jazz *3	EH2	Elec. Hi-Hat Open	T01	Timbale Hi	AG1	Agogo Hi	C02	Cowbell Mute	Sh5	Shaker 5 head sound only *1
Sn6	Snare 6 Marching	EK1	Elec. Kick 1 *3	EH3	Elec. Hi-Hat Close/Open	tb3	Timbale Lo	AG2	Agogo Lo	C03	Cowbell Mute/Open	CrS	Crare Cross Stick *1
Pb1	Practice Board	EK2	Elec. Kick 2 *3	rd1	Ride Cymbal Bow	tb2	Timbale Palla	AG3	Agogo Lo/Hi	Tb1	Tambourine	Sr	Snare 6 Marching Rim *1

*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.
*3: Kick pad sounds. Use these sounds when you have a KD-8/85/120 connected to the RMP-5. This allows you to practice using both hands and your foot with the kick pad and RMP-5.

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



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.



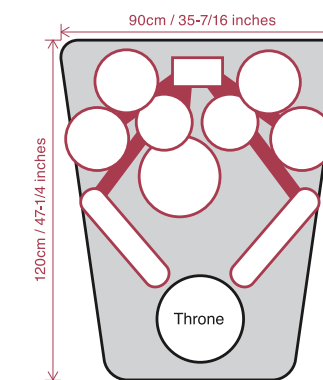
From setup to performance, the included DVD shows you how

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

■ Dimensions



*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.

