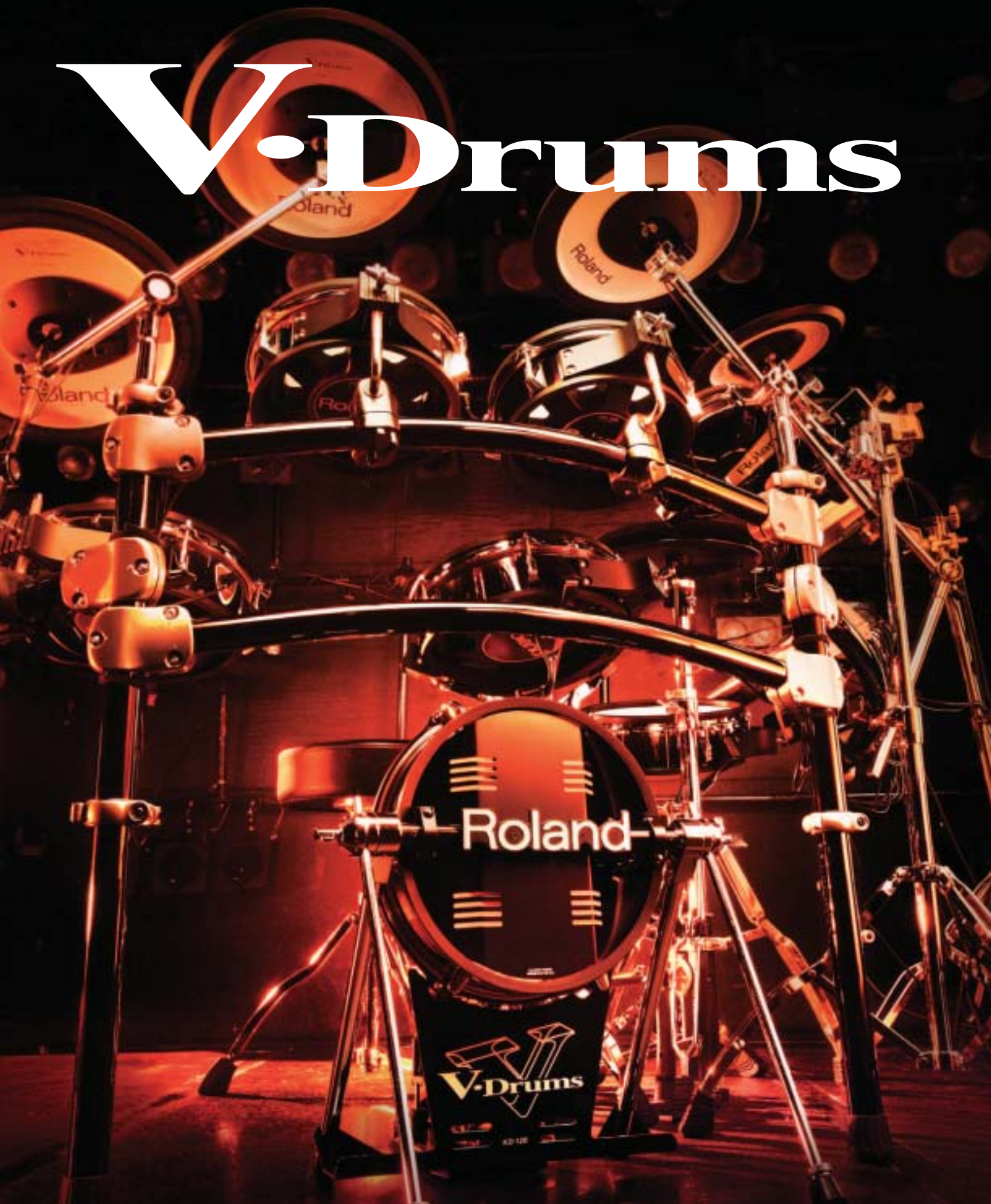


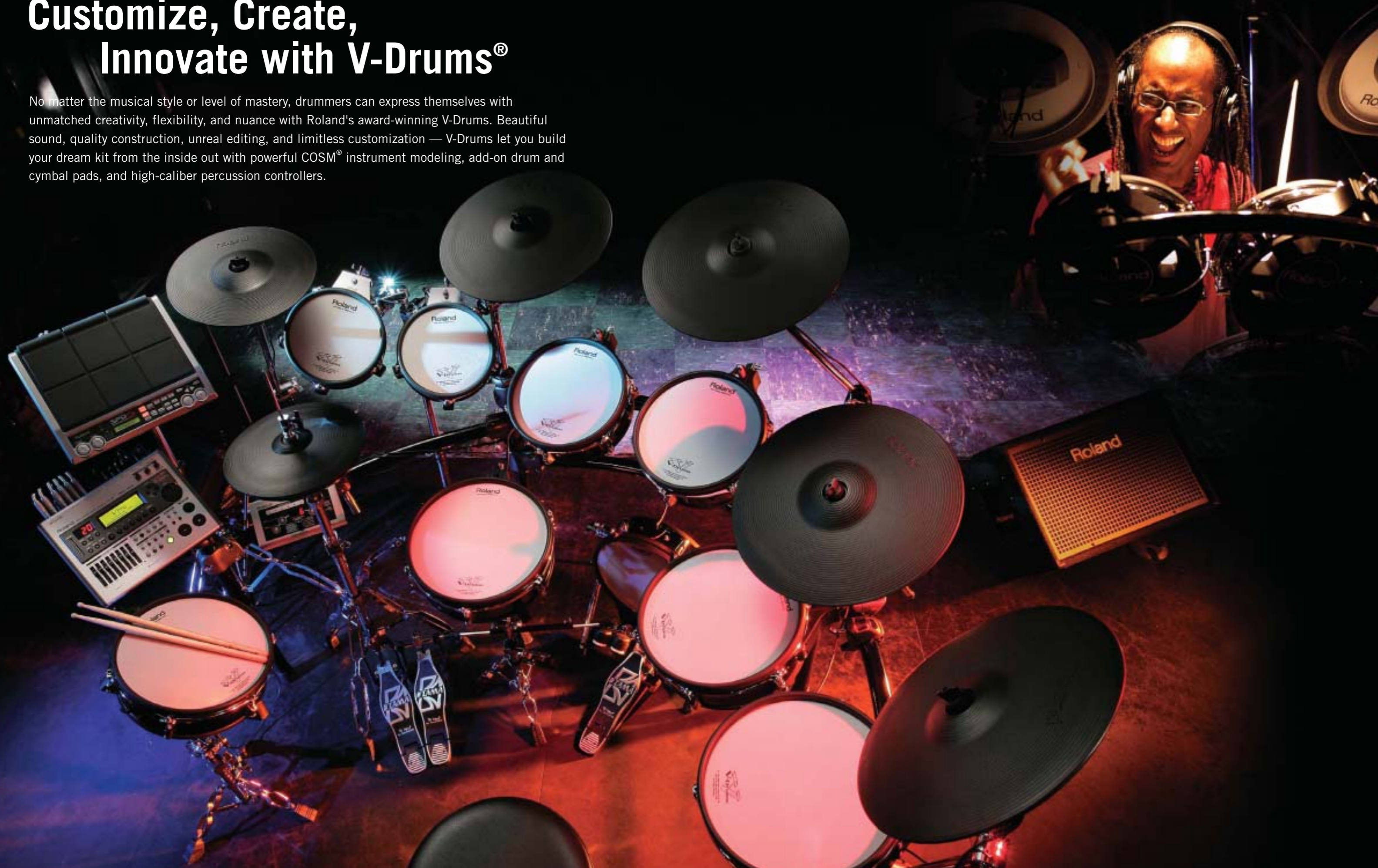
V-Drums



Customize, Create, Innovate with V-Drums®

No matter the musical style or level of mastery, drummers can express themselves with unmatched creativity, flexibility, and nuance with Roland's award-winning V-Drums. Beautiful sound, quality construction, unreal editing, and limitless customization — V-Drums let you build your dream kit from the inside out with powerful COSM® instrument modeling, add-on drum and cymbal pads, and high-caliber percussion controllers.

V-DRUMS ARTIST OMAR HAKIM



V-Pro™ Series TD-20K-BK

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

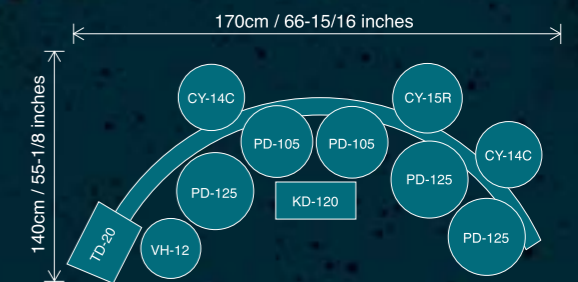
The V-Pro Series TD-20K is anchored by Roland's TD-20 module, famous for its stunning, ultra-expressive sound and powerful-yet-friendly V-Editing. The patented mesh V-Pads™ provide a comfortable, natural feel, a wide dynamic range, and authentic rimshot triggering, along with a cool look and striking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

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



Color Variation

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-120BK	x 1
Drum Stand	MDS-20BK	x 1

*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.

*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-12K-BK

Professional Quality in a Compact Kit

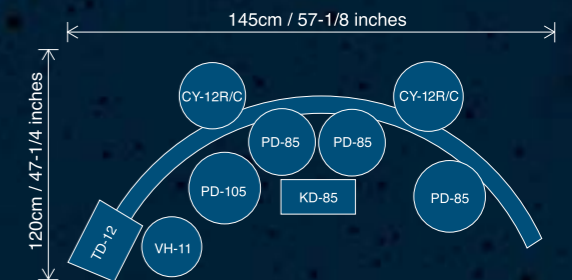
Great feeling, great sounding — the new V-Stage Series TD-12K makes the middle range of the V-Drums® line feel like first class.

With mesh V-Pads™ all the way around, the TD-12K lets drummers experience the best-feeling pads in the business.

The new TD-12 percussion module share the same sound quality as the flagship TD-20.

V-Stage Series TD-12K-BK

Percussion Sound Module	TD-12	X 1
V-Pad	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 2
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.

Color Variation V-Stage™ Series TD-12K-WT



V-Stage Series TD-12K-WT

Percussion Sound Module	TD-12	X 1
V-Pad	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 2
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-6KV

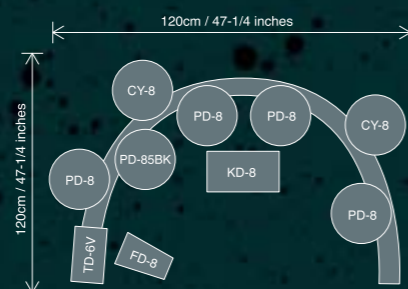
Mesh Snare and Dual-Trigger Cymbals Make this Kit a Smash Hit



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

The TD-6KV is one of Roland's most popular V-Drums® kits. It offers great playability, thanks to its natural-feel mesh snare pad, dual-trigger tom pads, dynamic cymbal pads with "swinging" motion, and a vertical kick trigger. The easy-to-use sound module sports a sleek black look with a blue LCD, a multi-function sequencer that's perfect for practice, plus 99 kits and 170 "play-along" patterns.

V-Tour Series TD-6KV		
Percussion Sound Module	TD-6V	X 1
V-Pad (for Snare)	PD-85BK	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



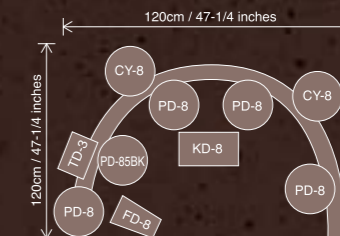
V-Compact™ Series TD-3KV



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

The TD-3KV is equipped with a PD-85BK mesh snare drum pad, plus three tom pads, a kick pad that accepts a double pedal, and dual-trigger, chokable cymbal pads. It also includes the great-sounding TD-3 sound module with Rhythm Coach features for improving timing, speed, and endurance.

V-Compact Series TD-3KV		
Percussion Sound Module	TD-3	X 1
V-Pad	PD-85BK	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



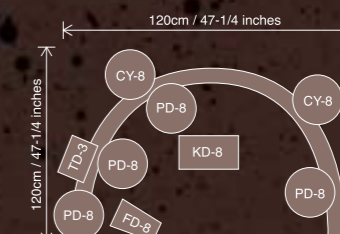
V-Compact™ Series TD-3Kit



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

The Roland TD-3Kit is the fastest and most affordable way to get into a real V-Drums set. This expandable kit includes Roland's TD-3 Percussion Sound Module with high-quality sounds, dual-trigger pads and cymbals, plus an upright kick trigger, and an onboard Rhythm Coach for improving timing, speed, and endurance.

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



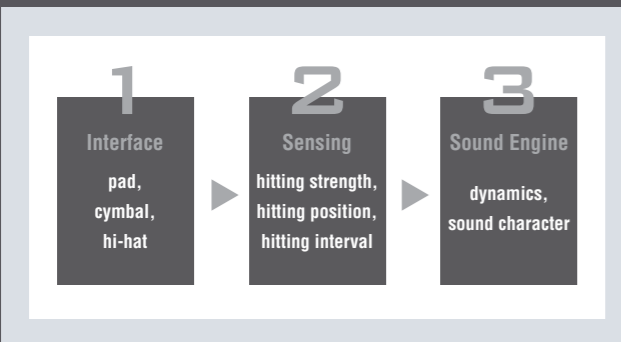
ROLAND V-DRUMS INNOVATION
FILE NO.01

Percussion Sound Module

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

Essential V-Drums Elements

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



Unmatched Power, Articulation, & Sensitivity

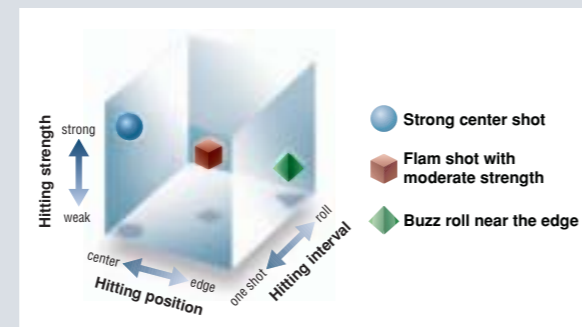
The V-Drums magic begins with the location and strength of the stick on the pad, as well as the intervals of the strokes. From weak to strong, from the center of the pad to the edge, from single-shots to rolls, your performance data is translated with lightning-fast accuracy by the V-Drums' central processor.

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

Beyond Specs — Tapping Into the Intangible

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

Dimensions of Expression

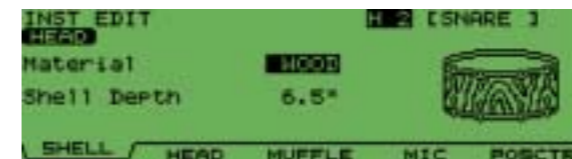
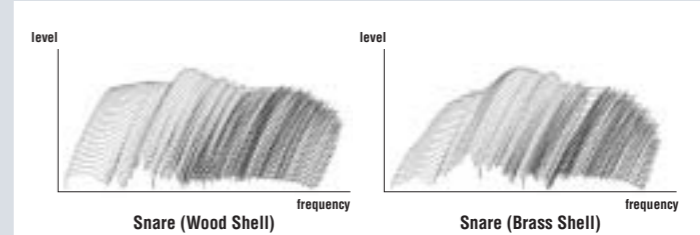


V-EDIT

Build Your Kit From the Ground Up

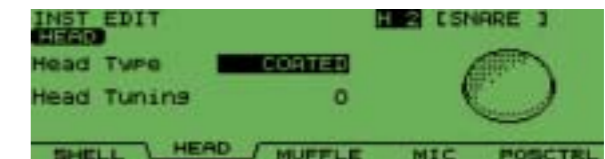
If you've never experienced the power and user-friendliness of Roland's V-Editing, you're in for an incredibly pleasant surprise. The TD-20 and TD-12's visual, icon-driven editing screens make it dead simple to create your own kits from scratch. Thanks to powerful COSM modeling technology, you can choose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

Frequency Plots



Shell Material/Depth

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



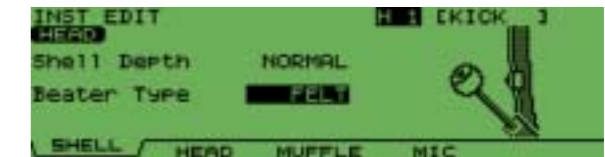
Head Type/Tuning

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



Muffling/Strainer Adjustment

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



Kick Beater Selection

Choose from a variety of kick beaters, such as felt, wood, and plastic. *Only possible on the TD-20.



Cymbal Size

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



Sizzle

Add realistic sizzle to your cymbal with modeled rivets or a chain. *The TD-12 only has rivets.



Mic Position

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



Snare Buzz

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

Percussion Sound Module

TD-20

COSM V-LINK



REAR VIEW



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 (VH-12, FD-7, FD-8), Master Output Jacks (L/MONO, R), Direct Output Jack x 8, Digital Output Jack (COAXIAL), Headphones Jack (Stereo 1/4 inch phone type), Mix in Jack (Stereo 1/4 inch phone type), MIDI Connectors (IN, OUT/THRU), Foot Switch Jack (1/4 inch TRS phone type), CompactFlash Card Slot, AC Inlet • **Output Impedance** 1.0 k ohms • **Power Supply** AC 117 V, AC 230 V, AC 240 V (50/60 Hz), AC 220 V (60 Hz) • **Power Consumption** 16 W • **Dimensions** 307 (W) x 256 (D) x 105 (H) mm / 12-1/8 (W) x 10-1/8 (D) x 4-3/16 (H) inches • **Weight** 2.9 kg / 6 lbs 7 oz • **Accessories** Owner's Manual, Power Cord • **Options** Pads (PD-8, PD-85BK/WT, PD-105BK/WT, PD-125BK/WT), Cymbals (CY-8, CY-12R/C, CY-14C, CY-15R), Kick Triggers (KD-7, KD-8, KD-85BK/WT, KD-120BK/WT), Hi-Hat (VH-12, VH-11), Hi-Hat Control Pedal (FD-8), Stands (MDS-20BK), Cymbal Mount (MDY-10U), Pad Mount (MDH-10U)

The Best Sounds, the Most Expressive Performance

TD-20 is Roland's best-sounding percussion module ever, with over 500 new 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 new 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 new drum sounds. Drummers are free to change parameters such as cymbal size, type of “sizzle” (e.g. rivets or chain), and microphone position. Several types of kick beaters can also be selected, including felt, wood, and plastic. For the hi-hat, you can also add a tambourine. The TD-20 can even model snare “buzz” (the resonance created on the tom and bass drum) for startling realism.

Enhanced Performance Features

Eight group faders let drummers adjust the mix balance of the kit's components, while 15 Pad Compressors and EQs make shaping sounds easy. There's also a 6-part sequencer loaded with preset backing patterns and plenty of room for your own, plus onboard effects such as Ambience and a Mastering Room for adding compression and EQ to the overall sound. A choice of 10 analog outputs and a S/PDIF digital output offer plenty of options when mixing live or in the studio. It also has 15 dual trigger inputs, so if you own a standard TD-20K drum kit, you have four extra inputs to add more pads.

Convenient CompactFlash Storage and More

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

Percussion Sound Module

TD-12

COSM V-LINK



REAR VIEW



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 • **Options** Pads (PD-8, PD-85BK/WT, PD-105BK/WT, PD-125BK/WT), Cymbals (CY-8, CY-12R/C, CY-14C, CY-15R), Kick Triggers (KD-7, KD-8, KD-85BK/WT, KD-120BK/WT), Hi-Hats (VH-11, VH-12), Hi-Hat Control Pedal (FD-8), Stands (MDS-12BK, MDS-20BK), Cymbal Mount (MDY-10U), Pad Mount (MDH-10U)

Unbeatable Sound

With the same stunning sound quality as the flagship TD-20, the new 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 new crop of edgy, fun, and experimental sets that have been created for unique, modern music creation. With an emphasis on fun, these new 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.

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



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



Our Most Sensitive V-Pads Ever!

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

both feature Roland's latest dual-triggering technology, resulting in more even and accurate sensing between the head and rim. They are also the first V-Pads with rimshot capabilities on the toms — including the actual "rim click" sound*. *Rim triggering on toms requires TD-20 or TD-12 Percussion Sound Module.

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



Rimshot-Ready Mesh Pads

The new 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 new-generation 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.

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



Patented V-Drum Mesh Heads

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

*Available as replacement parts.

**Dual Trigger Pad
PD-8**



The Rock-Solid, Fast-Action Pad

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

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

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

**Natural Triggering
with Double Pedal Support**

Roland's time-tested KD-120 V-Kick Trigger Pad, is available in black or white finishes to complement the rest of the pads. The 12" V-Kick Trigger Pad offers fast, natural kick-drum triggering, and is compatible with double-bass pedals (sold separately).



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

A New 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 new 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.

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



Perfect for Compact Kits and Roland Percussion Pads

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

**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.

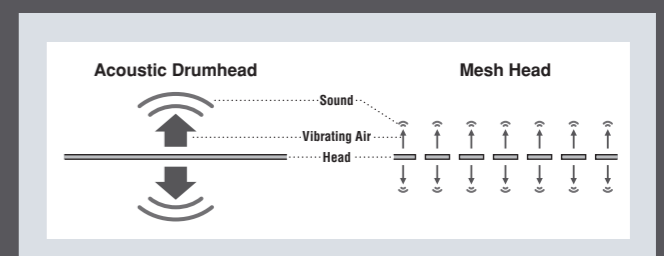
What is a mesh head?

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.



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.



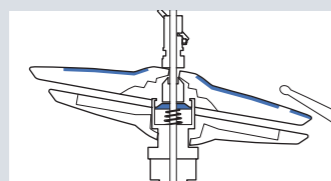
ROLAND V-DRUMS INNOVATION
FILE NO.03

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.

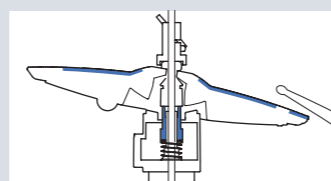
■ VH-12 Sensors (highlighted in blue)



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

Derived from the groundbreaking VH-12 hi-hat, Roland's new 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.

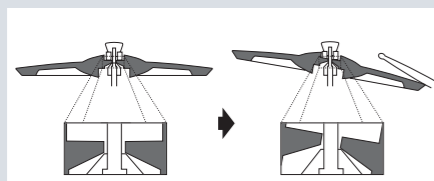
ROLAND V-DRUMS INNOVATION
FILE NO.04

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.

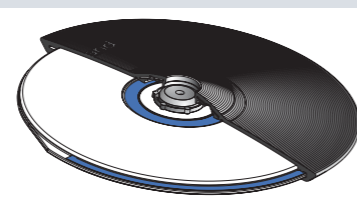
■ Swing Mechanism of V-Cymbals



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-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 new 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, and can be used with the TD-10 w/TDW-1, TD-8, TD-6V, and TD-6.



V-Cymbal Ride
CY-15R



Natural, Three-Way Triggering and Swinging Motion

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

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.

Dual-Trigger Cymbal Pad
CY-8



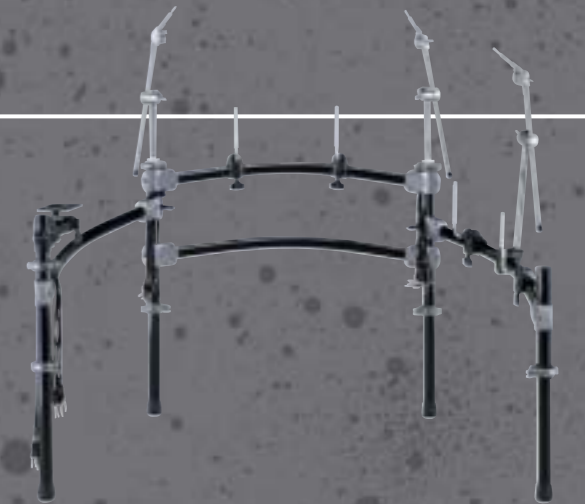
Dual-Trigger Cymbal with Choke Control

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.

Drum Stand
MDS-20BK

Ergonomic Design and Striking Looks

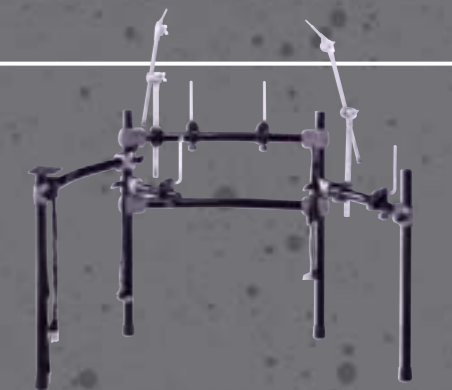
Roland’s MDS-20BK Drum Stand offers a stylish curved look that keeps everything within reach. All cabling is hidden neatly inside the tubing, and the hardware is extremely durable, thanks to aluminum T-fittings. The raked design is perfect for mounting additional pads, such as VH-12 V-Hi-Hat or SPD-S 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-3 Satellite speakers can be mounted on the center poles without the need for boom clamps (speaker bases are required).



Drum Stand
MDS-3C

The Perfect Portable Partner

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



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.

■ V-Cymbal

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

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

ROLAND V-DRUMS INNOVATION FILE No.05

Drum Stand

Solid, Stylish Stands With Simple Set-Up

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



Personal Monitor for V-Drums PM-10

Solid, Portable Sound Reinforcement

Designed as a portable companion for Roland's V-Drums®, the new 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-3KV, and the TD-6KV. Jam along with your favorite songs by connecting an external CD or MP3 player to the Line In jack. Balance the V-Drums and the external audio with the dedicated volume controls; adjust the tone with the built-in 2-band EQ.



SPECIFICATIONS

• **Rated Power Output** 30W • **Nominal Input Level/Impedance** V-DRUMS Input: 0dBu/20k ohms, LINE Input: 0dBu/20k ohms • **Speakers** 10" (250 mm) Woofer + 3" (77 mm) Tweeter (Coaxial, 2-way) • **Enclosure** Bass-reflex type • **Controls** V-DRUMS Volume Knob, LINE Volume Knob, BASS Knob, TREBLE Knob, POWER SW • **Indicator** POWER • **Connectors** V-DRUMS Input Jack (Stereo 1/4" phone type), LINE Input Jack (Stereo 1/4" phone type) • **Power Supply** AC 117V, AC 220V, AC 230V, AC 240V (50/60 Hz) • **Power Consumption** 36W • **Dimensions** 384 (W) x 396 (D) x 352 (H) mm / 14-3/8 (W) x 15-5/8 (D) x 13-7/8 (H) inches • **Weight** 12 kg / 26 lbs 8 oz • **Accessories** Owner's Manual, Power Cord • 0 dBu = 0.775 Vrms

V-Drums Amplifier TDA-700



A Powerful and Accurate V-Drums Amplifier!

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

SPECIFICATIONS

• **Rated Power Output** 300W (LF 240W + HF 60W) • **Nominal Input Level** (1kHz) CHANNEL IN (CH1-CH3): -20dBu, STEREO LINK IN: +4dBu • **Nominal Output Level** (1kHz) LINE OUT: +4dBu (XLR type, Phone type), STEREO LINK OUT: +4dBu • **Speakers** 8cm (1 1/2 inches) x 1", Horn Tweeter x 1" • **Connectors** V-DRUMS IN (STEREO) Jack, STEREO IN (CH1-CH3), STEREO LINE OUT (XLR type, Phone type), STEREO LINK IN Jack, STEREO LINK OUT Jack, HEADPHONES Jack • **Power Supply** AC 117, 230, 240V • **Dimensions** (including casters) 514 (W) x 538 (D) x 991 (H) mm / 20-1/4 (W) x 21-3/16 (D) x 39-1/16 (H) inches • **Weight** 52 kg / 114 lbs 11 oz • 0 dBu = 0.775 Vrms

Personal Monitor Amplifier PM-1



A Monitor Built for Percussion

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

SPECIFICATIONS

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

Personal Monitor System PM-3

ACTIVE **HD** DUAL DRIVE



The First Full-Range Monitor System Designed for Electronic Percussion

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

SPECIFICATIONS

• **System Configuration** Speaker (x 2) + Woofer Unit • **Rated Power Output** Speaker: 50 W/8 ohms x 2, Woofer Unit: 100 W/4 ohms, Total: 200 W • **Nominal Input Level** Main Input: -10 dBm, Mix Input: -10 dBm • **Nominal Output Level** Line Output: -10 dBm • **Speakers** 4" Woofer + 2" Midrange + 1" Tweeter • **Woofer Unit** 10" Woofer x 2 • **Controls** Main Input Level Knob, Woofer Level Knob, High Knob, Mix In Level Knob, Power Switch • **Connectors** Main Input Jacks (L/MONO, R), Mix Input Jacks (L/MONO, R), Line Output Jacks (L, R), Speaker Jacks (L, R), Phones Jack (Stereo) • **Enclosure** Speaker: Sealed, Woofer Unit: Active Dual-Drive • **Power Supply** AC 117V, AC 230V, AC 240V • **Power Consumption** 180 W • **Dimensions** Speaker: 118 (W) x 115 (D) x 186 (H) mm / 4-11/16 (W) x 4-9/16 (D) x 7-3/8 (H) inches, Woofer Unit: 555 (W) x 395 (D) x 450 (H) mm, 21-7/8 (W) x 13-3/16 (D) x 17-3/4 (H) inches • **Weight** Speaker: 1.6 kg / 3 lbs 9 oz (each), Woofer Unit: 30 kg / 66 lbs 9 oz • **Accessories** Owner's Manual, Mount Bracket x 2, Screw (No. 10-32UNF) x 8, Speaker Cable x 2

OPTIONS

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.

Connection Cable PCS-31

Pedal Switch DP-2



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 HPD-15.

FootSwitch FS-5U / FS-6



Using the PCS-31, 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 (*) of p. 23.

Sound Module and Drum Pad Combinations

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

About the table

○ ... Yes — ... No

example (the grey area in the list):

With a PD-125 connected to the Trigger Input 2 (SNARE) of the TD-6V, headshots and rim shots are possible.

Sound Module	Trigger Input	Pad	V-Pad			Pad			V-Cymbal / Cymbal Pad							V-Hi-Hat		Kick Trigger	Acoustic Drum Trigger						
			PD-125BK/WT, PD105BK/WT, PD-85BK/WT	PD-8		CY-15R, CY-12R/C				CY-14C			CY-8			VH-12	VH-11	KD-120, KD-85, KD-8, KD-7	RT-5S, RT-7K *1, RT-3T *1	Head Shot	Rim Shot				
		Playing Methods	Head Shot	Rim Shot	Brush Sweep *2	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							
TD-20	1 (KICK)		○	—	—	○	○	○	○	○	—	○	○	○	○	○	○	○	○	—	—	○	○	—	
	2 (SNARE)		○ ^{pos}	○ ^{pos}	○	○ ^{pos}	○	○	○	○ ^{pos}	○	○	○ ^{pos}	○	○	○	○	○	○	—	—	○	○	○	
	3, 4, 5, 6 (TOM1, 2, 3, 4)		○	○ ^{pos}	—	○	○	○	○	○	—	○	○	○	○	○	○	○	○	—	—	○	○	○	
	7 (HI-HAT)		○	—	—	○	○	○	○	○	○	—	○	○	○	○	○	○	○	○	○	○	○	○	—
	8, 9 (CRASH1, 2)		○	—	—	○	○	○	○	○	○	—	○	○	○	○	○	○	○	○	—	—	○	○	—
	10 (RIDE), 11 (EDGE)		○ ^{pos}	—	—	○ ^{pos}	○	○	○	○ ^{pos}	○	○ ⁵	○	○ ^{pos}	○	○	○	○	○	○	—	—	○	○	—
TD-12	12, 13, 14, 15 (AUX1, 2, 3, 4)		○	○ ^{pos}	—	○	○	○	○	○	—	○	○	○	○	○	○	○	○	—	—	○	○	○	
	1 (KICK)		○	—	—	○	○	○	○	○	—	○	○	○	○	○	○	○	○	—	—	○	○	—	
	2 (SNARE)		○ ^{pos}	○ ^{pos}	○	○ ^{pos}	○	○	○	○ ^{pos}	○	○	○ ^{pos}	○	○	○	○	○	○	—	—	○	○	○	
	3, 4, 5 (TOM1, 2, 3)		○	○ ^{pos}	—	○	○	○	○	○	—	○	○	○	○	○	○	○	○	—	—	○	○	○	
	6 (HI-HAT)		○	—	—	○	○	○	○	○	○	—	○	○	○	○	○	○	○	○	○	○	○	○	—
	7, 8 (CRASH1, 2)		○	—	—	○	○	○	○	○	○	—	○	○	○	○	○	○	○	○	—	—	○	○	—
TD-6V	9 (RIDE), 10 (EDGE)		○ ^{pos}	—	—	○ ^{pos}	○	○	○	○ ^{pos}	○	○ ⁵	○	○ ^{pos}	○	○	○	○	○	—	—	○	○	—	
	11, 12 (AUX1, 2)		○	○ ^{pos}	—	○	○	○	○	○	—	○	○	○	○	○	○	○	○	—	—	○	○	○	
	1 (KICK)		○	—	—	○	○	○	○	○	—	○	○	○	○	○	○	○	○	—	—	○	○	—	
	2 (SNARE)		○	○ ²	—	○	○	○	○	○	—	○	○	○	○	○	○	○	○	○	—	—	○	○	○
	3 (HI-HAT)		○	—	—	○	○	○	○	○	○	—	○	○	○	○	○	○	○	—	—	○	○	—	
	4, 5/6 *6, 7/8 *6		○	—	—	○	○	○	○	○	○	—	○	○	○	○	○	○	○	—	—	○	○	—	
TD-3	Others		○	—	—	○	○	○	○	○	—	○	○	○	○	○	○	○	○	—	—	○	○	—	
	SNARE		○	○ ²	—	○	○	○	○	○	—	○	○	○	○	○	○	○	○	—	—	○	○	○	
	HI-HAT, CRASH1, CRASH2, RIDE		○	—	—	○	○	○	○	○	—	○	○	○	○	○	○	○	○	—	—	○	○	—	
SPD-20	Others		○	—	—	○	○	○	○	○	—	○	○	○	○	○	○	○	○	—	—	○	○	—	
	1, 2		○	○	—	○	○	○	○	○	○	—	○	○	○	○	○	○	○	—	—	○	○	○ ⁹	
SPD-5	3, 4		○	—	—	○	○	○	○	○	—	○	○	○	○	○	○	○	○	—	—	○	○	—	
	TRIG IN (12) *5		○	○ ⁷	—	○	○ ⁷	—	○	○ ⁷	—	○	○ ⁷	—	○	○ ⁷	—	○	○ ⁷	—	—	○	○	○ ⁷	
HPD-15	TRIGGER INPUT *6		○	○ ⁷	—	○	○ ⁷	—	○	○ ⁷	—	○	○ ⁷	—	○	○ ⁷	—	○	○ ⁷	—	—	○	○	○ ^{7,9}	
	Others		○	○ ⁸	—	○	○	○	○	○	○ ⁵	○	○	○	○	○	○	○	○	—	—	○	○	○ ⁸	
TMC-6	2		○	○	—	○	○	○	○	○	○ ⁵	○	○	○	○	○	○	○	○	—	—	○	○	○	
	Others		○	○ ⁸	—	○	○	○	○	○	○ ⁵	○	○	○	○	○	○	○	○	—	—	○	○	○ ⁸	

*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-31), 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 "HDRM."
 *8 With a Y-Cable (PCS-31), 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 Open/Close control is possible. Since the module is not fully compatible with the VH-11, the expressiveness of the half-open play is different from the TD-20/12.

RT-Series Acoustic Drum Trigger



Versatile Acoustic Triggers with V-Drums Technology.

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

Kick Trigger RT-7K

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



Snare Trigger RT-5S

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



Tom Trigger RT-3T

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



Supported Sound Modules: TD-20, TD-12, TD-10, TDW-1, TD-8, TD-6, TD-3, RM-2, TMC-6, SPD-S, SPD-20, HPD-15

- * The performance of the RT-Series can be affected by elements such as the type of drum being used, the tuning and use of a mute. For best performance, refer to both the drum trigger's and sound module's Owner's Manual and set the trigger parameters accordingly.
- * Be sure to mute the bass and snare drum (toms can also be muted if external vibrations are picked up).
- * Use a ring mute or mute-type drum head to improve the performance of the RT-5S Snare Trigger.
- * Note that the RT-3T Tom Trigger cannot be used with mesh heads.
- * Due to the mute-free design of the RT-3T, when the sticks hit the shell or the rim of the drum, it may produce a louder volume than striking the head.

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

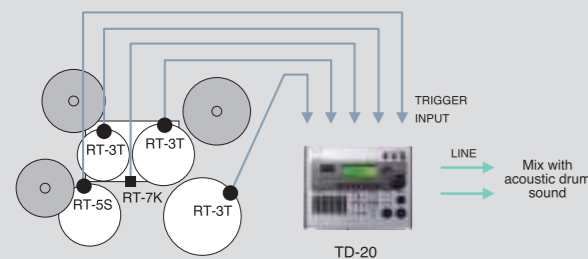
The TMC-6 Trigger MIDI Converter makes it easy to play and trigger MIDI modules and samplers from an acoustic drum set equipped with Roland's RT-series triggers, or to expand the sound palette of electronic drum sets. This affordable device uses the lightning-fast triggering technology of Roland's V-Drums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

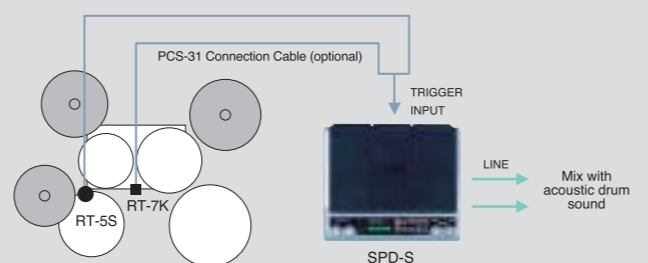
Using the RT-Series and TMC-6

Play a TD-Series brain



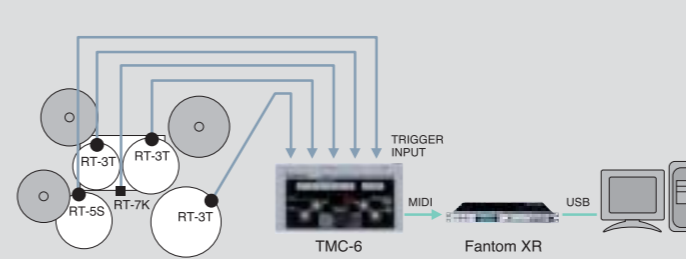
By connecting a set of RT-Series triggers to a TD-Series brain, drummers can play high-quality V-Drums sounds right from an acoustic set, or blend electronic and acoustic sounds to create unique sounds. Using the TD-series' Tap Sequence function, drummers can trigger sequences by simply tapping the kick.

Trigger an SPD-Series module



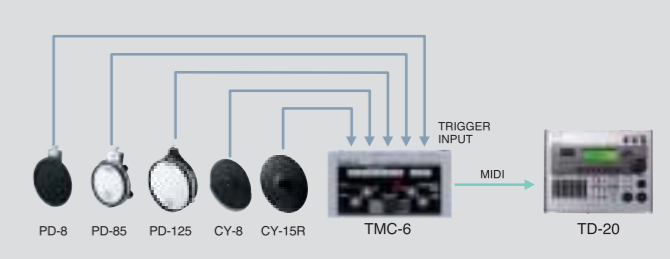
In this example, an RT-7K and RT-5S are connected to an SPD-S Sampling Pad, making this an affordable and easy way to add sampling to an acoustic set. Using the SPD-S's Velocity Switch setting, the snare and bass drum can be set to trigger a different sample depending on how hard they are hit.

Connect a MIDI module and computer



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

Expand a V-Drums Set



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

Rhythm Coach
RMP-3

Rhythm Training with a Brain

Technology meets education in the most advanced, useful, and friendly rhythm-training instrument. The RMP-3 Rhythm Coach looks good, feels good, and is loaded with rhythmic exercises and timekeeping tools for you to practice with. With the pad and brain self-contained in one molded piece, this new rhythm trainer offers the utmost in portability and convenience.

Audio/Visual

The RMP-3's 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 make using the RMP-3 a snap. It has a built-in speaker for the metronome sounds. If privacy is desired, you can use the headphone output to monitor your drumming, metronome, and internal audio.

Rhythm Type					
					2 - 3 Son Clave
(whole note)	(quarter-note triplet)	(8th-note triplet)	(16th note)	(16th-note triplets)	
					3 - 2 Rumba Clave
(half note)	(8th note)	(8th-note triplet)	(16th note)	(septuplet)	
					2 - 3 Rumba Clave
(quarter note)	(8th note)	(16th note)	(quintuplet)		

Rhythm Coach

As a free-standing practice pad, the RMP-3 is a pleasure to play, but it's the built-in Rhythm Coach that really makes this unit shine. When activated, the Rhythm Coach challenges drummers in a fun and friendly way with functions such as Time Check, Auto Up/Down, and the new "Stroke Balance" mode to help develop consistent stick technique.

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.



STROKE BALANCE: The display indicates how strong you play by using metronome needle. Improve the balance and accent with both hands visually.



RHYTHMIC NOTES: This provides basic training by changing the rhythm type every two measures. Useful for warm-up, this exercise helps you master the timing of various notes.



QUIET COUNT: This is designed to develop your internal tempo. The click will go back and forth from first playing at a fixed volume, and then to a level that is barely audible.

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.



Feel & Features

The RMP-3 is outfitted with a great-feeling, tunable mesh pad for realistic and quiet performance. A small pickup is mounted inside the pad, enabling you to monitor your drumming through headphones, along with the metronome and coaching audio. You can play along to external audio as well, thanks to the Mix In jack. Position the RMP-3 on your lap, a tabletop, or mount it on a stand, such as Roland's PDS-2.

Convenience and Portability

Since the metronome and the pad are molded into one unit, and it runs on batteries, the RMP-3 is a great practice pad to take with you on the road.



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 6LR6/1604A (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

Dr. Beat
DB-90

Better Features, Better Practice

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



Plug Into Rhythm Coach

Expand your rhythmic horizons with Rhythm Coach. This innovative follow-along feature has four training modes to help build your accuracy, speed, and endurance. With the DB-90's onboard microphone, you can use the Rhythm Coach functions with acoustic drums, or plug a Roland V-Pad into the Trigger input. Play along, and chart your progress.

SPECIFICATIONS

• Metronome Tempo: ♩ =30-250, BEAT1: 1-9, BEAT2: OFF / 1-9, PATTERN: 30 kinds (8-BEAT x 4, 16-BEAT x 3, SHUFFLE x 3, FUNK x 2, JAZZ x 2, BLUES, TECHNO, HOUSE, COUNTRY, REGGAE, CLAVE x 2, SALSA, RUMBA, BOSSA NOVA, SAMBA, WALTZ, TANGO, MAMBO, CHACHACHA, MARCH) • Voice Voice 1 (Standard metronome sound), Voice 2 (Electronic metronome sound), Voice 3 (Electronic click sound), Voice 4 (Human voice) • Rhythm Coach Time Check, Quiet Count, Gradual Up/Down, Slow 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



SIDE VIEW



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.



SPECIFICATIONS

• Metronome Tempo: ♩ =30-250 (Accuracy: ±0.1%), BEAT: 1-9, 2+3, 3+4, 4+3, 4+5, 5+4, 5+6, 6+5, 6+7, 7+6, 7+8, 8+7, 8+9, 9+8 (24 kinds), PATTERN: 8-BEAT x 3, 16-BEAT x 2, SHUFFLE x 2, FUNK, DANCE x 2, COUNTRY, REGGAE, CLAVE x 2, RUMBA, BOSSA NOVA, WALTZ, TANGO, MAMBO, MARCH (20 kinds) • Reference Tone Reference Pitch: A4=438 Hz-445 Hz (1 Hz steps), Reference Tone Range: C4-B4 (Accuracy: ±1 cent) • Timer Setting Range: 1-60 minutes • Stopwatch Timing Resolution: 1/10 second, Time Duration: 10 hours (with Auto Power Off disabled) • Indicators: LCD Display, Tempo Indicator LED x 2 • Connector: PHONES Jack (Stereo miniature phone type) • Power Supply: Dry Battery (R6/LR6 (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

Dr. Beat
DB-30

The Take-Along Dr. Beat

It's portable, reliable, and fun to use — the new 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: 0-9, 2+3, 3+2, 3+4, 4+3, 4+5, 5+4, 5+6, 6+5, 6+7, 7+6, 7+8, 8+7, 8+9, 9+8 (24 kinds), RHYTHM: Quarter note (♩), Eighth note (♩), Eighth rest and eighth note (♩), Triple (♩), Triple with center rest (♩), Sixteenth note (♩), Sixteenth note with sixteenth rest (♩), CLAVE 1 (♩, ♩, ♩, ♩, ♩, ♩), CLAVE 2 (♩, ♩, ♩, ♩, ♩, ♩) (9 kinds) • Reference Tone Reference Pitch: A4 = 438 Hz-445 Hz (1 Hz steps) Reference Tone Range: C4-B4 (Accuracy: ±1 cent) • Auto Power Off function: Turns unit off after 60 min. • Memory function: Stores the settings when the 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 3-9/16 (D) x 13/16 (H) inches • Weight: 70 g / 3 oz (including batteries) • Accessories: CR2032 lithium battery, Owner's Manual

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.



REAR VIEW



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.

MULTI-EFFECTS

01 REVERB+GATE	16 ISOLATOR
02 DLYEDREVERB (Delayed Reverb)	17 WAH
03 STERODELAY	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 STEPLANGER	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 Canceler)
13 2BAND-COMP (2Band Compressor)	28 SYNTH-PERC (Synthesizer Percussion)
14 4BAND-PEQ (4Band Parametric Equalizer)	29 SHORTLOOPER
15 FILTER	30 SLICER

HANDSONIC HPD-15

An Electronic Hand Percussion Pad with V-Drums Technology

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

Expressive Realtime Control

A host of powerful controllers can be used to modulate pitch, timbre, and other instrument parameters in real time, making the HandSonic even more expressive. With its 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. Other realtime modifiers include two ribbon controllers, an expression pedal input, and three control knobs for nearly unlimited expression.

Integrated Performance Options

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

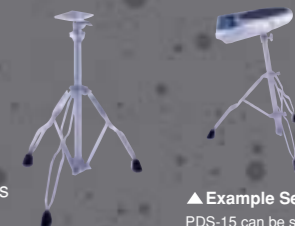


REAR VIEW



Pad Stand PDS-15

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



Example Setup

PDS-15 can be slanted for more natural playability.

Total Percussion Pad SPD-20

Superb Sounds and Features

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

Infinitely expressive

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



REAR VIEW



TD-20 / TD-12 DRUM INSTRUMENTS

Table with 12 columns: No., Inst Name, No., Inst Name, No., Inst Name, No., Inst Name, No., Inst Name, No., Inst Name, No., Inst Name. Lists various drum instruments and their configurations.

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-6V DRUM INSTRUMENTS

Table with 12 columns: No., Inst Name, No., Inst Name, No., Inst Name, No., Inst Name, No., Inst Name, No., Inst Name, No., Inst Name. Lists various drum instruments and their configurations.

*1: Wood, brass, or steel shells can be selected. *2: For hi-hat sounds in the "FIXED HH" group, sounds cannot be changed with the hi-hat controller pedal. *3: The sound changes depending on the hitting position. Rd: Bow sound, RdB: Bell sound, RdX: Soft shots for bow sounds, and hard shots for bell sounds, RdE: Edge sound

TD-6V PRESET DRUM KITS

Table with 12 columns: No., Kit Name, No., Kit Name, No., Kit Name, No., Kit Name, No., Kit Name, No., Kit Name, No., Kit Name. Lists various preset drum kits and their components.

*1: "x-stick": The rimshot sound will change according to hitting strength. Strike softly for cross-stick, harder for open rimshots. Cross-sticking is possible when a PD-85/105/125 mesh pad is connected to the snare input (Trigger Input 2).

TD-3 DRUM INSTRUMENTS

Table with 12 columns: No., Inst Name, No., Inst Name, No., Inst Name, No., Inst Name, No., Inst Name, No., Inst Name, No., Inst Name. Lists various drum instruments and their configurations.

*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 strength.

TD-3 PRESET DRUM KITS

Table with 12 columns: No., Kit Name, No., Kit Name, No., Kit Name, No., Kit Name, No., Kit Name, No., Kit Name, No., Kit Name. Lists various preset drum kits and their components.



