TD-12 Version 1.1 Changes & Improvements

The following changes have been implemented in this new version (1.1). Read this document while referring to the "TD-12 Owner's Manual."

Contents

- New Trigger Types
- Improved Hi-Hat Response
- Improved V-Editing
- Other Improvements

Playability, Pad and Trigger Settings

New Trigger Types

New trigger types have been added to simplify making trigger settings. See the list below. All you need to do is select a specific trigger type, and the various trigger parameters (except for Crosstalk Cancel) will be automatically set to recommended values.

Trigger Type List

Used Modes	Trigger Type	Rim Shot	Positional Sensing		Choke play
			Head	Rim	
KD-140	KD140	X	X	X	X
KD-120	KD120	X	X	X	X
KD-85, KD-80	KD85	X	X	X	X
KD-8	KD8	X	X	X	X
KD-7	KD7	X	X	X	X
PD-125X, PD-125XS	PD125X	O	O	O	X
PD-125	PD125	O	O	O	X
PD-120	PD120	O	O	X	X
PD-105X	PD105X	O	O	O	X
PD-105, PD-100	PD105	O	O	O	X
PD-85, PD-80R, PD-80	PD85	O	O	O	X
PDX-8	PDX8	O	X	X	X
PD-9, PD-8, PD-7	PD9/8/7	O	O	X	O
CY-15R	CY15R	O	O	X	O
CY-14C	CY14C	O	O	X	O
CY-12R/C	CY12RC	O	O	X	O
CY-8	CY8	O	X	X	O
CY-5, CY-6	CY5/6	O	X	X	O
CY-12H	CY12H	O	X	X	O
VH-12	VH12	O	X	X	O
VH-11	VH11	O	X	X	O
Non-Roland pad	PAD1	O	X	X	O
Non-Roland pad	PAD2	O	X	X	X
RT-10K	RT10K	X	X	X	X
RT-10S	RT10S	O	X	X	X
RT-10T	RT10T	X	X	X	X

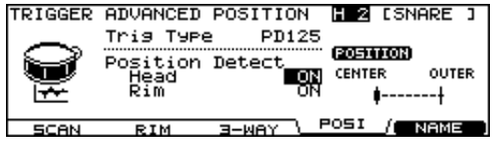
Improved Hi-Hat Response

The dynamics, feel and response of the hi-hat has been improved for using the VH-12 or VH-11 Hi-Hat controllers.

The dynamics of closed hi-hat, edge shots, foot splashes and even loose half-open playing feel absolutely natural!

With the V-Hi-Hat VH-12, foot pressure while the hi-hat is in a closed position will provide subtle changes in the nuance of the sound, as with an acoustic hi-hat.

New Parameter for Positional Sensing



"Position Detect" has been added to the Advanced Trigger Parameters. This allows you to turn the position detection ON or OFF.

Access: OFF, ON

Trigger Inputs that allow positional sensing:
SNARE (Head, Rim), TOMs (Rim), RIDE (Bow), and AUXs (Rim).

* If you select a non-positional sensing trigger type or trigger input, "---" appears.

Access: [TRIGGER] - [F5 (ADVANCE)] - [F4 (POSI)] - Pad Select

Others

- Internal settings for existing trigger types and crosstalk cancel settings have been re-adjusted to improve playability.
- Trigger Bank contents have also changed, including a Bank for the TD-12KX.

Bank1	TD-12KX
Bank2	TD-12KX (Copy)
Bank3	TD-12V, TD-12K
Bank4	TD-20K

- The Trigger Types order has also changed, now beginning from KDs (kick triggers).

Editing Functions

Improved V-Editing

Here are the new V-Edit parameters that will greatly increase the editing power of the TD-12.

Access: [INST] - [F2 (EDIT)]

Kick

Parameter	Value	Discription
[F1 (SHELL)]		
Beater Type	FELT, WOOD, PLASTIC	Type of beater
[F3 (MUFFLE)]		
Snare Buzz	Off, 1–8	New resolutions allow more realistic buzz resonance.
[F4 (MIC)]		
Mic Position	OUTSIDE2, OUTSIDE1, STANDARD, INSIDE1, INSIDE2	Type of microphone placement

Snare

Parameter	Value	Discription
[F4 (MIC)]		
Mic Position	OUTSIDE2, OUTSIDE1, STANDARD, INSIDE1, INSIDE2	Type of microphone placement.

Tom

Parameter	Value	Discription
[F3 (MUFFLE)]		
Snare Buzz	Off, 1–8	New resolutions allow more realistic buzz resonance.
[F4 (MIC)]		
Mic Position	OUTSIDE2, OUTSIDE1, STANDARD, INSIDE1, INSIDE2	Type of microphone placement

Hi-Hat

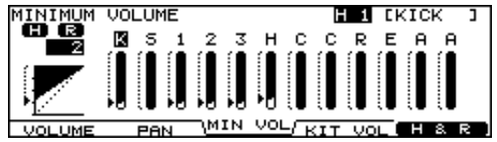
Parameter	Value	Discription
[F2 (TAMB)]		
Add Tambourine	Off, ON	Allows you to add tambourine to the hi-hat.
[F4 (MIC)]		
Mic Position	OUTSIDE2, OUTSIDE1, STANDARD, INSIDE1, INSIDE2	Type of microphone placement

Crash/Splash/China/Ride

Parameter	Value	Discription
[F2 (SIZZLE)]		
Sizzle Type	OFF, RIVET, CHAIN	New "CHAIN" sizzle type has been added.
[F4 (MIC)]		
Mic Position	OUTSIDE2, OUTSIDE1, STANDARD, INSIDE1, INSIDE2	Type of microphone placement

"MINIMUM VOLUME" of Each Trigger Input

The "MINIMUM VOLUME" function has been enhanced with improved dynamic resolution, allowing you to easily control the sound level for specific pads. It also helps you when playing ghost notes.

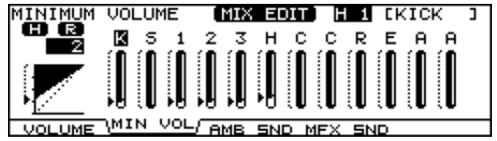


Values: 0-15

Access: [MIXER] - [F3 (MIN VOL)]

"MINIMUM VOLUME" on "MIX EDIT"

Adjust the "MINIMUM VOLUME" parameters with the group faders (MIX EDIT).



Access: [INST] + [MIXER] - [F2 (MIN VOL)]

New Functions

MIX IN Jack - New Audio Routing



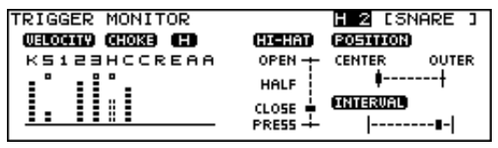
The MIX IN jack can handle a mono or stereo signal.

Example: An audio signal to the MIX IN Jack has a click on the Right side, and the backing track on the Left, you can use this function to merge the signals.

Parameter	Value	Discription
Input	L+R	Use both channels
	L ONLY	Use only the left channel
	R ONLY	Use only the right channel
Mode	STEREO	Use as stereo input
	MONO	Use as monaural x 2
Gain	0, +6, +12	Adjusts the input level

Access: [SETUP] - [F3 (CONTROL)] - [F3 (MIX IN)]

Checking the Trigger Information (TRIGGER MONITOR)

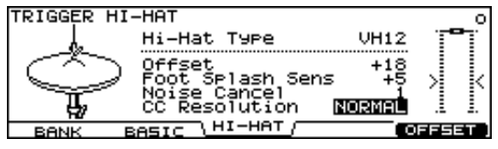


You can visually confirm each trigger's velocity as well as the Hi-Hat open/close gaps and positional sensing on the Snare Drum, Ride Cymbal, and RIMs of the TOMs and AUXs. The "interval meter" shows the intervals between strokes.

Access: [SHIFT] + [TRIGGER]

"CC Resolution" for the V-Hi-Hat VH-12

The "CC Resolution" for the VH-12 can be adjusted.



"CC Resolution" is the parameter relative to the amount of data transmitted from hi-hat pedal.

Values: NORMAL, HIGH (initial value: NORMAL)

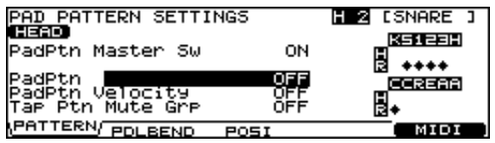
Access: [TRIGGER] - [F3 (HI-HAT)]

Other Improvements

Checking the "Pad Pattern Settings"

The "PAD PATTERN SETTINGS" screen (below) can be accessed by [INST] - [F4 (CONTROL)] - [F1(PATTERN)].

Here are you able to check all pad settings at once.

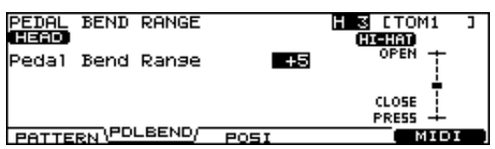


Checking the Pedal Position and the Strike Position

"PEDAL BEND RANGE" screen

The hi-hat pedal position meter appears on the "PEDAL BEND RANGE" screen.

Access: [INST] - [F4 (CONTROL)] - [F2(PDLBEND)]



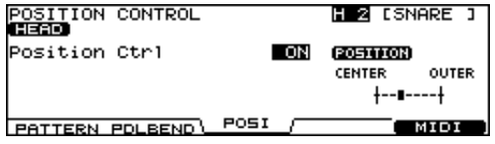
* When using the VH-11, the position meter will move between "OPEN" and "CLOSE." When using the VH-12, it moves between "OPEN" and "PRESS."

"POSITION CONTROL" screen

The "Position Control" setting has own screen.

Access: [INST] - [F4 (CONTROL)] - [F3 (POSI)]

A position meter has been added to this screen.



"Position Ctrl" is the parameter that creates tonal changes as a result of the respective strike position or rim shot nuance.

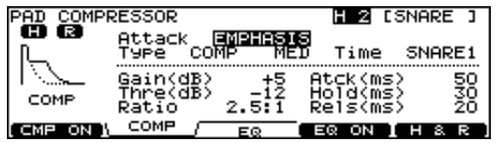
Reset Functions for V-Edit and Ambience

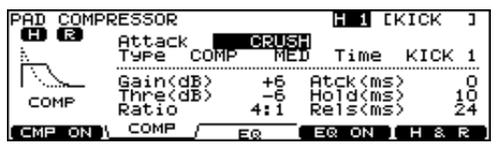
- An instrument can be restored to a non v-edited state, press [SHIFT] and [F4] while in the "INST" or "INST EDIT" screen.
- To reset the Ambience parameters "Room Size," "Wall Type," "Mic Position," and "Room Shape," press [SHIFT] and [F4] while in the "AMBIENCE ROOM" screen.

Icon for Pad Comp/EQ

"PAD COMPRESSOR" screen

The icon on the "PAD COMPRESSOR" screen will change according to the "Attack" setting.

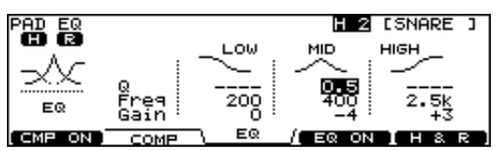


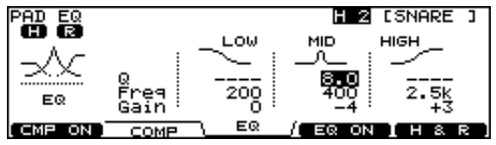


Access: [INST] - [F3 (COMP/EQ)] - [F2 (COMP)]

"PAD EQ" screen

The icon on the "PAD EQ" screen will change according to the "Mid Q" setting.

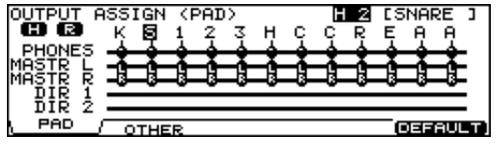




Access: [INST] - [F3 (COMP/EQ)] - [F3 (EQ)]

"OUTPUT ASSIGN (PAD)" screen

The Phones bus now appears on the "OUTPUT ASSIGN (PAD)" screen.



Access: [SETUP] - [F2 (OUTPUT)] - [F1 (PAD)]

Data Compatibility

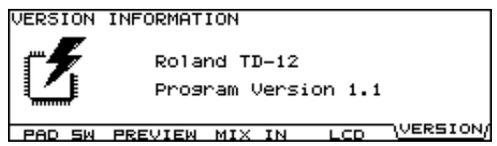
The latest version of the TD-12 Version 1.1 is compatible with original TD-12 Version 1.0.

You can load MIDI Bulk Data from different version of TD-12.

As certain Trigger Types are merged, if you are using the following pads, please re-adjust the Trigger Types.

PD-100, PD-9, PD-8, PD-7, PD-6

How To Check the System Program Version



Access: [SETUP] - [F3 (CONTROL)] - [F5 (VERSION)]

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