

Owner's Manual

**TD-07**  
DRUM SOUND MODULE



English

日本語

Deutsch

Français

Italiano

Español

Português

Nederlands

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Before using this unit, carefully read "USING THE UNIT SAFELY" and "IMPORTANT NOTES" (the leaflet "USING THE UNIT SAFELY" and the Owner's Manual (p. 28). After reading, keep the document(s) where it will be available for immediate reference.

# Let's Learn About Drums

## Drum Set Elements

Here are some basic terms related to drum sets.

### Bass drum/Kick Pedal

Played with a kick pedal, it's the largest drum in the kit.

\* Use a commercially available kick pedal.

### Snare drum

The snare drum is the main "voice" of a drum kit.

### Hi-hat/Hi-hat pedal

An acoustic hi-hat uses 2 cymbals mounted on a hi-hat stand. Pressing the hi-hat pedal opens and closes it.

\* TD-07KV (example) uses a single pad.

### Tom (Tom 1, Tom 2)

These are usually mounted above the bass drum.

### Floor tom (Tom 3)

Sometimes called a bass tom, it either stands on its own legs or is mounted on a stand.

### Ride cymbal

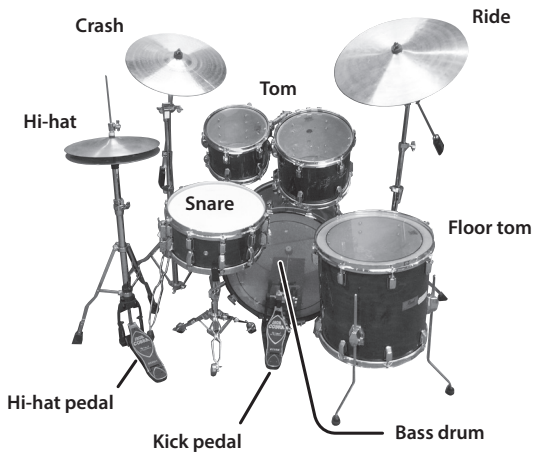
Usually mounted on the right side of the drum kit, the ride cymbal is principle elements in keeping time.

### Crash cymbal

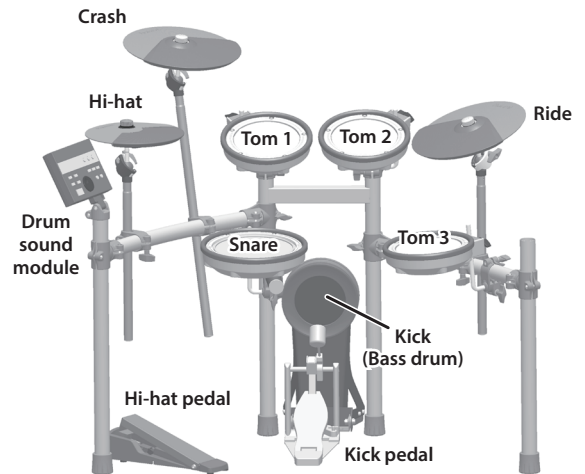
Smaller than the ride, the crash cymbal is mainly used for accents.

\* In the TD-07KV (example), this is the same size as the ride.

## Acoustic drum



## V-drums (example: TD-07KV)



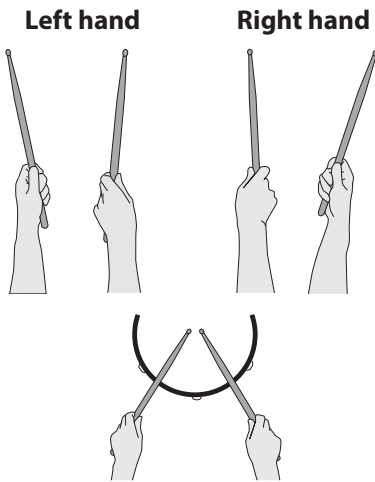
## The Basics of Playing

Drums are played using both hands and both feet.

Here we explain how to hold the sticks, strike the drums, and use the pedal.

### Holding the sticks

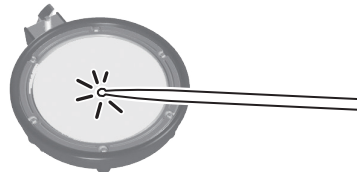
The most common way to hold the sticks is called the "matched grip" as shown in the illustrations below.



### Using the snare

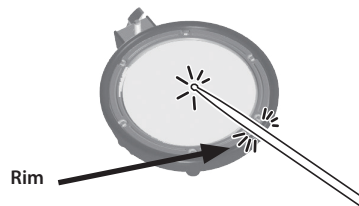
#### Head shot

Hit only the head of the pad. This is the most common method to play the snare.



#### Rim shot

Strike the head and the rim of the pad simultaneously. A sound (rim sound) different than the head shot will be heard.



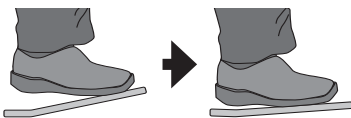
### Using the kick pedal

The kick pedal can be pressed in either of two ways: "heel up" or "heel down."

#### Heel up

In this method, your heel floats above the pedal. With your heel off the pedal, lower your entire foot to push down the pedal. This method applies the full weight of your leg to the pedal, making it easier for you to produce a stronger sound than the heel down method.

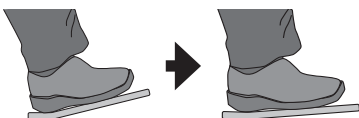
This is often used in rock and pop.



#### Heel down

In this method, the entire bottom of your foot from heel to toe stays in contact with the pedal. Use your ankle joint to make your toes push down the pedal.

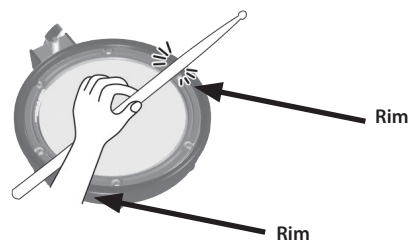
This method allows more precise control of the volume, and is often used in jazz and bossa nova.



#### Cross stick

Only strike the rim of the pad.

Velocity switching "snare rim" sound, played softly produces a cross stick sound, and when played harder, produces a rim shot sound.



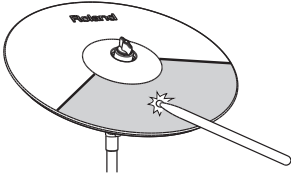
➔ When playing cross stick, set XStickSens (p. 19) to anything other than "OFF."

- \* To play the cross stick, be sure that you only strike the rim of the pad. If you're resting your hand on the head, cross stick playing technique might not be possible.
- \* This is effective only for a pad that is connected to the "SN" connector of the dedicated connection cable.
- \* On some snare sounds, it might not be possible to play separate sounds in this way.

## Using the cymbals

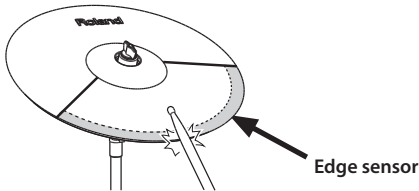
### Bow shot

The most common method, playing the middle area of the cymbal.



### Edge shot

Use the shoulder of the stick to hit the edge of the cymbal pad (Hit the edge sensor position as shown in the illustration).

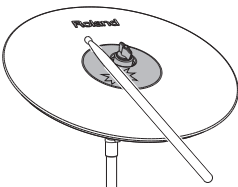


\* Bow shots and edge shots can also be played on the hi-hat.

### Bell Shot (ride only)

This playing method involves striking the bell of the cymbal.

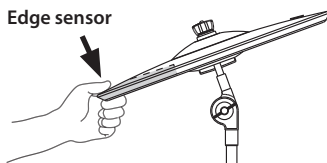
- \* Use a pad that supports the ride three-way trigger.
- \* Set the CR2Usage setting (p. 20) to "RDB."
- \* Strike the bell somewhat strongly with the shoulder of the stick.



### Choking a cymbal

Choking (pinching) the cymbal's edge with the hand immediately after hitting the cymbal will mute or choke the sound, just like with a real cymbal.

- \* The Choke function only works when you grasp in the area (where the edge sensor is) as shown in the illustration. If you do otherwise, it will not work.

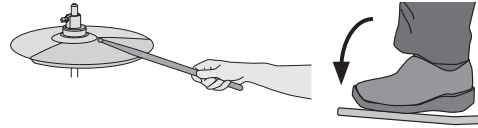


## Using the hi-hat

In an acoustic drum set, the hi-hat consists of two cymbals placed facing each other vertically on a hi-hat stand. When you press the pedal, the two cymbals will come together (closed). When you release the pedal, the two cymbals will separate (opened).

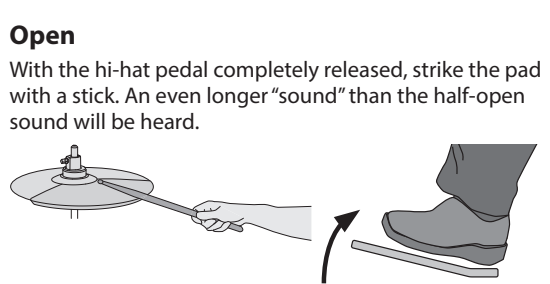
### Closed

With the hi-hat pedal pressed firmly, strike the pad with a stick. A short "chick" sound will be heard.



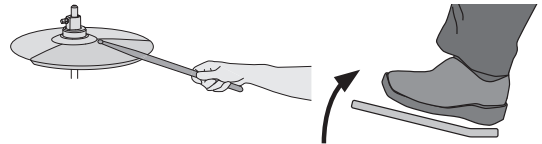
### Half-open

With the hi-hat pedal pressed gently, strike the pad with a stick. A slightly longer "swish" sound will be heard.



### Open

With the hi-hat pedal completely released, strike the pad with a stick. An even longer "sound" than the half-open sound will be heard.



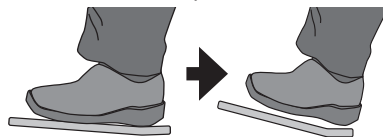
### Foot closed

Just press the pedal without using a stick. This sound will be softer and shorter than the closed sound played with a stick. Useful for keeping time with this tight sound.



### Foot splash

Press and immediately release the pedal without using a stick. This is equivalent to momentarily clashing the two cymbals of an acoustic hi-hat. It produces a "splash" sound that is softer than the open strike.



# Quick Start

## Panel Descriptions

### Display

This shows various information depending on the operation.

A short time after you turn on the power, the DRUM KIT screen (basic screen) appears.

→ "Selecting a Drum Kit" (p. 7)

### [BT] (Bluetooth) button

Lets you connect wirelessly to your smartphone or a similar device, and play the drums while listening to a song from your smartphone. You can also use the TD-07 with a smartphone app.

→ "Performing Along with a Song from Your Smartphone" (p. 11)  
→ "Using the TD-07 with a Computer or Smartphone App" (p. 18)

### [⚙️] (SETUP) button

Lets you make detailed settings for the TD-07 such as adjusting the pad sensitivity and performing a factory reset.

→ "Making Detailed Settings (SETUP)" (p. 19)

### [🔌] (POWER) button

Turns the power on/off.

→ "Turning the Power On/Off" (p. 6)

### [◀][▶] buttons

Access the previous/next page of the screen.

### [↶] (EXIT) button

Cancels an operation. Alternatively, returns to the previous screen.

### [✔️] (ENTER) button

Confirms an operation or value. Alternatively, proceeds to the next screen.

### [🥁] (DRUM KIT) button

Accesses the basic screen where you can select drum set sounds (drum kits). You can also press this to return to the basic screen from another screen.

→ "Selecting a Drum Kit" (p. 7)

### Dial

In the DRUM KIT screen (basic screen), turn the dial to select drum set sounds (drum kits).

This is also used to change the value of the parameter selected by the [◀][▶] buttons.

### [🔊] (VOLUME) button

Adjust the volume in 30 levels.

If a smartphone or similar device is wirelessly connected to the TD-07, you can hold down the [✔️] (ENTER) button and use the [🔊] (volume) buttons to adjust the smartphone's volume from the TD-07.

### [👤] (COACH) buttons

Lets you use the coach menu to practice drums in a way that's appropriate for your performance skill level.

→ "Practicing in Coach Mode (COACH)" (p. 8)

### [🎵] (METRONOME) button

Allows you to sound the metronome, or to make settings for the tempo or beat.

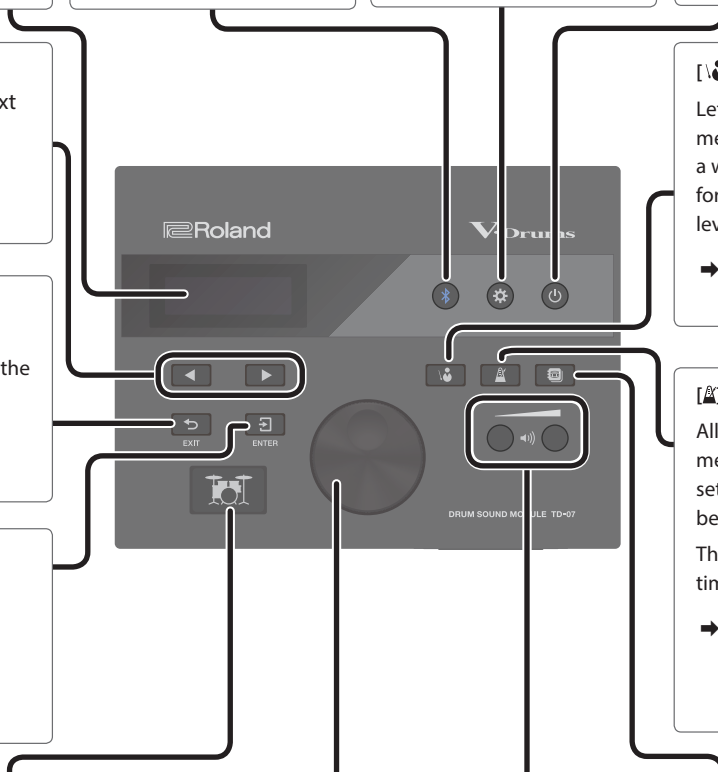
The button will blink in time with the metronome.

→ "Playing with the Metronome" (p. 7)

### [🔧] (KIT EDIT) button

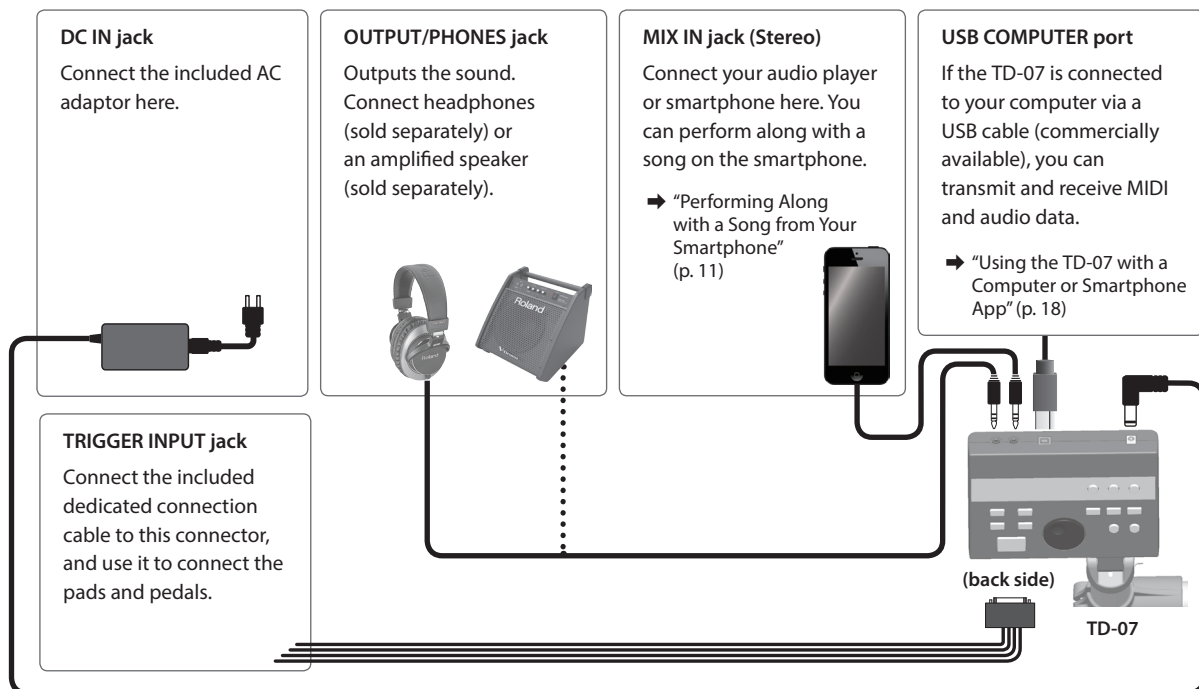
Lets you select sounds for the pads, and apply effects to the selected sounds.

→ "Customizing a Drum Kit (KIT EDIT)" (p. 12)



## Connect Your Equipment

\* To prevent malfunction and equipment failure, always turn down the volume, and turn off all the units before making any connections.



## Turning the Power On/Off

### Turning the Power On

1. Connect headphones (sold separately) or amplified speakers (sold separately) to the TD-07.

\* If amplified speakers are connected, minimize the volume of the amplified speakers.

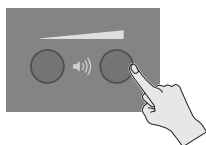
2. Press the [⏻] (POWER) button.

The power turns on.



3. If amplified speakers are connected, turn on the power of the amplified speakers, and adjust the volume.

4. Use the [◀▶] (VOLUME) buttons to adjust the volume.



### Turning the Power Off

1. If amplified speakers are connected to the TD-07, minimize the volume of amplified speakers and turn off their power.

2. Long-press the [⏻] (POWER) button.  
The power turns off.

\* You must turn off the power by pressing the [⏻] (POWER) button. If you turn off the power by disconnecting the power cord, the settings might not be saved correctly.

#### About Auto Off function

The power to this unit will be turned off automatically after a predetermined amount of time has passed since it was last used for playing music, or its buttons or controls were operated (Auto Off function). If you do not want the power to be turned off automatically, disengage the Auto Off function (p. 24).

#### NOTE

To restore power, turn the power on again.

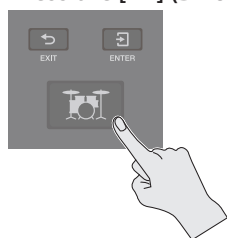
## Playing

Playing drums is not only fun, but just about anyone can easily start playing — they make sound when you simply hit them! Let's start playing drums using the wide variety of built-in sounds.

### Selecting a Drum Kit

A drum kit consists of sounds assigned to each pad. In some cases, the sound will change depending upon your playing dynamics.

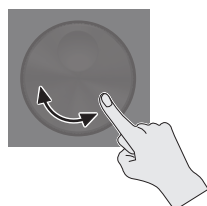
1. Press the **[DRUM KIT]** (DRUM KIT) button.



The DRUM KIT screen appears.



2. Use the dial to select a drum kit.



#### MEMO

For a list of all the drum kits, use the following QR code to access the "TD-07 Data List" (PDF).

[http://roland.cm/td-07\\_om](http://roland.cm/td-07_om)

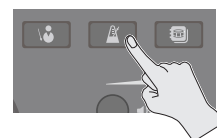


3. Play the drums by striking the pad.

### Playing with the Metronome

Here's how you can play the drums while listening to the metronome.

1. Press the **[METRONOME]** (METRONOME) button.  
The metronome turns on, and the button blinks in time with the metronome tempo.



#### MEMO

Alternatively, you can hold down the **[ENTER]** (ENTER) button and press the **[METRONOME]** (METRONOME) button to turn the metronome on/off without switching screens.

2. Press the **[METRONOME]** (METRONOME) button once again to turn the metronome off.

### Changing how the metronome sounds

1. In the metronome screen, use the **[◀][▶]** buttons to select the item (parameter) that you want to set.
2. Use the dial to change the value.

Parameter	Value	Explanation
ON/OFF	ON, OFF	Turns the metronome on/off.
Tempo	20–260 (bpm)	Sets the tempo.
Level	-INF+6.0dB	Sets the volume.
Beat	1–9 (beat)	Sets the number of beats per measure.
Rhythm	♪ (half note)	Sets the interval of the metronome.
	♪ (quarter notes)	
	♪ (eighth notes)	
	♪ (eighth note triplets)	
	♪ (sixteenth notes)	
Pan	L30–CTR–R30	Sets the stereo position.
Sound	TYPE1–TYPE15	Sets the sound of the metronome.
LED Sync	ON, OFF	Specifies whether the <b>[METRONOME]</b> (METRONOME) button blinks in time with the metronome (ON) or does not blink (OFF).

3. Press the **[DRUM KIT]** (DRUM KIT) button to return to the DRUM KIT screen.

# Practicing in Coach Mode (COACH)

The TD-07 provides a “coach mode” that helps you to use your practice time most effectively. It contains four menus: TIME CHECK, QUIET COUNT, AUTO UP/DOWN, and CHANGE UP. You can use these menus to improve your skills in speed control, precision, endurance, and timing.

## Selecting a Practice Menu

### 1. Press the [👁] (COACH) button.

The COACH screen appears.



### 2. Use the [◀][▶] buttons to select the practice menu, and press [↵] (ENTER) button.

For details on the contents of the practice menu, refer to the next section.

## Correctly Playing in Time with the Beat (TIME CHECK)

This lets you practice drumming in accurate time along with the metronome.

### 1. In the TIME CHECK screen, press the [↵] (ENTER) button.

A two-measure count-in is played when you start.

#### MEMO

If you decide to stop mid-way through practice, press the [↵] (EXIT) button.

### 2. Strike the pad in time with the metronome.

The display will indicate whether your pad strikes match the beat sounded by the metronome.



This ends when the specified time has elapsed, and the strike timing is evaluated.



\* If the tempo of your strikes is significantly inaccurate, it may be impossible to precisely determine the amount of inaccuracy.

### 3. Press the [↵] (EXIT) button to finish.

## TIME CHECK settings

Lets you change the pads that are evaluated and the number of measures that are scored.

### 1. In the TIME CHECK screen, use the [◀][▶] buttons to select the item (parameter) that you want to set.

### 2. Use the dial to change the value.

Parameter	Value	Explanation
Score		Specifies whether the score will be shown in the screen.
	OFF	Your performance will not be scored. Only the timing will be checked.
	4, 8, 16, 32 (measures)	The score will be shown in the screen. You can also specify the number of measures you'll practice before being scored.
Grade		Specifies the strictness of scoring.
	EASY HARD	Normal Timing will be checked more strictly.
PAD	KIK, SNR, TOM, HH, RID, CYM	Selects the pads that are used in the evaluation.
Tempo	20-260 (bpm)	Sets the tempo.

### 3. Press the [👁] (DRUM KIT) button to return to the DRUM KIT screen.



## Developing Internal Timing Sense (QUIET COUNT)

This practice will help you develop a good sense of time/tempo. The metronome alternates between “sounding and not sounding” at every specified length, and the cycle will repeat.

1. In the QUIET COUNT screen, press the [ENTER] button.

### MEMO

If you decide to stop mid-way through practice, press the [EXIT] button.

2. Strike the pad in time with the metronome.

The metronome will sound during the first few measures. When you reach the last measure during which the metronome will sound, the screen will indicate “Ready..”



When the metronome stops sounding, the screen indication will change to “QUIET!!” Continue striking the pads during this time.



The strike timing is evaluated following the QUIET interval.



3. Press the [EXIT] button to finish.

## QUIET COUNT settings

You can specify the number of measures in which the metronome will sound and the number of measures in which it will not sound.

1. In the QUIET COUNT screen, use the [LEFT][RIGHT] buttons to select the item (parameter) that you want to set.
2. Use the dial to change the value.

Parameter	Value	Explanation
Measures	2, 4, 8, 16 (measures)	Specify the length (measures) of the interval for which the metronome will alternate between “Sounding” and “Quiet.”

Parameter	Value	Explanation
Quiet		Of the measures specified by “Measures,” this setting specifies the length of the measures that will be “Quiet”
	RANDOM	The length of the QUIET interval will randomly change each time.
	1, 2, 4	Specifies the length (number of measures) of the QUIET interval. * This setting cannot be longer than half of the Measures value.
Tempo	20-260 (bpm)	Sets the tempo.

3. Press the [DRUM KIT] button to return to the DRUM KIT screen.

## Playing Along with a Changing Tempo (AUTO UP/DOWN)

The metronome increases and decreases tempo over time, to help develop stamina and endurance. The tempo will increase in steps for each beat until the metronome reaches the upper limit; then the tempo will continue slowing down in steps until it reaches the initial tempo. This cycle will repeat.

1. In the AUTO UP/DOWN screen, press the [ENTER] button.

A two-measure count-in is played when you start.

### MEMO

If you decide to stop mid-way through practice, press the [EXIT] button.

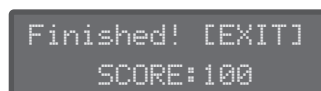
2. Strike the pad in time with the metronome.

The remaining time is shown in the lower right of the screen.



- \* Auto Up/Down does not let you change the current tempo.
- \* The current tempo value will be the lower tempo limit.

This ends when the specified time has elapsed, and the strike timing is evaluated.



3. Press the [EXIT] button to finish.

### AUTO UP/DOWN settings

Here you can specify the duration of your practice time, and set the upper and lower tempo limits.

**1. In the AUTO UP/DOWN screen, use the [◀][▶] buttons to select the item (parameter) that you want to set.**

**2. Use the dial to change the value.**

Parameter	Value	Explanation
	Specifies the time.	
Duration	1, 3, 5, 10, 15 MIN	Selects the duration (minutes) of practice.
MaxTempo	21–260 (bpm)	Specifies the upper tempo limit. * This can only be set to a value higher than the current tempo.
Tempo	20–260 (bpm)	Specifies the lower tempo limit.

**3. Press the [🥁] (DRUM KIT) button to return to the DRUM KIT screen.**

### Playing Along with a Changing Rhythm (CHANGE UP)

The rhythm type will change every two measures. Starting from half notes, the note values will gradually become shorter, and will then return to half notes; this change in rhythms will be repeated.

**1. In the CHANGE UP screen, press the [↵] (ENTER) button.**

A two-measure count-in is played when you start.

#### MEMO

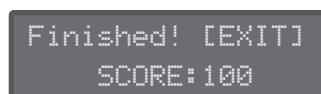
If you decide to stop mid-way through practice, press the [↵] (EXIT) button.

**2. Strike the pad in time with the metronome.**

During practice, the screen shows the tempo and the rhythm type. The remaining time is shown in the lower right of the screen.



This ends when the specified time has elapsed, and the strike timing is evaluated.



**3. Press the [↵] (EXIT) button to finish.**

### CHANGE UP settings

Here's how to specify the duration of your practice time and the tempo.

**1. In the CHANGE UP screen, use the [◀][▶] buttons to select the item (parameter) that you want to set.**

**2. Use the dial to change the value.**

Parameter	Value	Explanation
	Specifies the time.	
Duration	1, 3, 5, 10, 15 MIN	Selects the duration (minutes) of practice.
Tempo	20–260 (bpm)	Sets the tempo

**3. Press the [🥁] (DRUM KIT) button to return to the DRUM KIT screen.**

# Performing Along with a Song from Your Smartphone

You can enjoy playing the drums along with songs on your smartphone or other mobile device (subsequently called "smartphone").

## Connecting via a Cable to the MIX IN Jack

1. Connect a stereo mini-plug cable (commercially available) from your smartphone to the TD-07's MIX IN jack (p. 6).
2. Play back a song on your smartphone.
3. Use your smartphone to adjust the volume of the song.

## Connecting Wirelessly via Bluetooth

In order to connect your smartphone wirelessly to the TD-07 via Bluetooth, you'll need to "pair" by registering the TD-07 in your smartphone so that the two devices can authenticate with each other.



As an example, we explain how to make settings for an iPhone.

- \* Once a smartphone has been paired with TD-07, there is no need to perform pairing again. Refer to "Connecting an already-paired smartphone" (p. 11).

## Registering the smartphone (pairing)

1. Place the smartphone that you want to connect near TD-07.
2. Press the [BT] (Bluetooth) button.
3. Use the [◀][▶] buttons to select "PAIRING," and press [ENTER] (ENTER) button.  
The TD-07 starts pairing, and the [BT] (Bluetooth) button blinks.

### MEMO

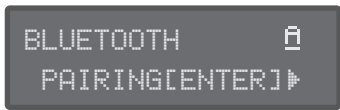
If you decide to cancel pairing, press the [EXIT] (EXIT) button.

4. Turn on the Bluetooth function of your smartphone.



5. Tap "TD-07 AUDIO" that appears in the smartphone's Bluetooth "DEVICES" field.

TD-07 and smartphone are paired. When pairing is completed, a display like the following appears.

smartphone	"TD-07 AUDIO" is added to the "My devices" area, and shown as "Connected."
TD-07	The indication "A" appears in the upper right of the screen, and the [BT] (Bluetooth) button is lit blue. 

6. Press the [DRUM KIT] (DRUM KIT) button to return to the DRUM KIT screen.

## Playing back songs from your smartphone

### NOTE

Since playback might be extremely loud, lower the volume on your smartphone in advance.

When you play back a song on your smartphone, you hear the sound from the headphones or amplified speakers that are connected to the TD-07.

### MEMO

Use your smartphone to adjust the volume of the song. You can also make adjustments by holding down the TD-07's [ENTER] (ENTER) button and using the [VOLUME] (volume) buttons.

- \* In order to change the volume of the smartphone by operating the TD-07, your smartphone must support the Bluetooth AVRCP protocol.

## Connecting an already-paired smartphone

1. Turn on the Bluetooth function of your smartphone.  
TD-07 and the smartphone are connected wirelessly.

- \* If the above step does not establish a connection, tap "TD-07 AUDIO" that are shown in the "DEVICES" field of the smartphone.

### MEMO

By holding down the [ENTER] (ENTER) button and pressing the [BT] (Bluetooth) button you can turn on/off the TD-07's Bluetooth function.

# Customizing a Drum Kit (KIT EDIT)

The TD-07 lets you customize each pad's sound and adjust the effects to your preferences.

\* Since the TD-07 automatically saves the values that you change, there's no need to perform a specific operation to save your settings. Settings are also saved when you turn off the power.

## Kit edit menu

Indication	Explanation	Page
INSTRUMENT	Modifies the sound of each pad.	p. 13
KIT VOLUME	Adjusts the volume of the drum kit.	
TRANSIENT	Boosts or cuts the attack or release of each pad's sound.	p. 14
PAD EQ	Adjusts the tonal character of each pad (pad equalizer).	
OVERHEAD	Adjusts the sound of the overhead mics that capture the entire drum kit. This adjusts the sound's spaciousness and sense of stereo. You can specify the amount of effect for each pad.	p. 15
ROOM	Simulates the reverberation and resonance of the location in which you're playing the drums. By applying the Room effect you can give the drum sound a more natural feel and a sense of presence. You can specify the amount of effect for each pad.	
MFX	Lets you apply a variety of effects to the overall drum kit. You can specify the amount of effect for each pad.	p. 16
KIT NAME	Edit the name of the drum kit.	
MIDI NOTE	Specifies the MIDI note number that is transmitted or received when you strike a pad.	p. 17
KIT COPY	Copies the settings of a drum kit.	
KIT RESET	Returns the drum kit settings to their factory-set state.	

## Choosing a Pad to Edit

To edit the settings for a pad, strike that pad to select it. To select the rim of a pad, strike the rim.

### MEMO

- You can also select the pad to edit by holding down the [ENTER] button and using the [LEFT] [RIGHT] buttons.
- You can also select the head or rim by holding down the [ENTER] button and pressing the [EXIT] button.





## Selecting an instrument for each strike location

For menus in which the "H&R Link" indication is shown, you can switch between switching sound parameters for head and rim as a set (ON) or individually (OFF).

	Head and rim parameters are selected as a set. Recommended parameters are selected as a set depending on the parameter that you select.
ON	* If the items selected as a set include identical parameters, they are automatically given the same values. * For some sounds, the same sound might be selected for both head and rim.
OFF	Parameters can be selected independently for head and rim.

## Editing the Sound of Each Pad (INSTRUMENT)

Here's how to edit each pad's sound, and its pitch and decay.

1. Press the [  ] (KIT EDIT) button.
2. Use the [  ] [  ] buttons to select "INSTRUMENT," and press [  ] (ENTER) button. The INSTRUMENT screen appears.





3. Strike the pad that you want to make settings.
4. To change a pad's sound, turn the dial in the INSTRUMENT screen.

### MEMO

For a list of all sounds (an instrument list), access the following QR code and view the "TD-07 Data List" (PDF).

[http://roland.cm/td-07\\_om](http://roland.cm/td-07_om)




5. To edit the selected sound, use the [  ] [  ] buttons to select an item (parameter), and use the dial to edit the value.

Parameter	Value	Explanation
Level	-INF--+6.0dB	Volume of the pad sound (level)
Pan	L30-CTR-R30	Stereo position of the pad sound (pan)
Tuning *1	-100--+100	Tuning of the head
Muffling *1	OFF, 1-9 (kick, snare, tom) OFF, 1-19 (cymbal)	Muffling (muting) setting
Head *1	CLEAR, COATED, PINSTRIPE	Type of head
Beater *1	FELT1, 2, WOOD, PLSTIC1, 2	Type of beater
Size *1	1.0-40.0	Cymbal diameter
Fixed *1	NORMAL, FIXED1-4	Openness of the hi-hat If something other than "NORMAL" is selected, the openness of the hi-hat does not change, regardless of how much you press the hi-hat pedal.
Pitch *1	-100--+100	Pitch of the pad sound
Decay *1	1-100	Decay length of the pad sound

Parameter	Value	Explanation
H&R Link	ON, OFF	Selects whether the head and rim parameters are edited as a set (ON) or independently (OFF).

\*1: Whether you can edit these parameters depends on the sound that is selected. Also, these parameters do not affect cross-stick sounds.

6. Press the [  ] (DRUM KIT) button to return to the DRUM KIT screen.

## Adjusting the Drum Kit's Volume (KIT VOLUME)


Here's how to adjust the volume of the drum kit.

1. Press the [  ] (KIT EDIT) button.
2. Use the [  ] [  ] buttons to select "KIT VOLUME," and press [  ] (ENTER) button. The KIT VOLUME screen appears.







3. Use the [  ] [  ] buttons to select an item (parameter), and use the dial to edit the value.

Parameter	Value	Explanation
Kit		Drum kit volume
FootHH	-INF--+6.0dB	Volume of the pedal hi-hat sound
XStick		Volume of the cross-stick sound
HH Op/Cl	-5--+5	Balance between hi-hat open and close volume Higher values increase the volume of the hi-hat when played while open, relative to the volume when played while closed. Lower values decrease the volume of the hi-hat when played while open, relative to the volume when played while closed.

4. Press the [  ] (DRUM KIT) button to return to the DRUM KIT screen.



## Adjusting the Attack and Release (TRANSIENT)

Here's how to emphasize or de-emphasize the attack or release portion of the sound. You can adjust this individually for each pad.


1. Press the [  ] (KIT EDIT) button.
2. Use the [  ][  ] buttons to select "TRANSIENT," and press [  ] (ENTER) button.

The TRANSIENT screen appears.







3. Strike the pad that you want to make settings.
4. Use the [  ][  ] buttons to select an item (parameter) and use the dial to edit the value.

Parameter	Value	Explanation
ON/OFF	ON, OFF	Turns the effect on/off.
Time	1–10	Time over which the sound rises (attack)
Attack	-100–100	Attack adjustment
Release		Release adjustment
Gain	-12.0→+6.0dB	Volume after transient is adjusted
H&R Link	ON, OFF	Selects whether the head and rim parameters are edited as a set (ON) or independently (OFF).

5. Press the [  ] (DRUM KIT) button to return to the DRUM KIT screen.



## Adjusting the Tonal Character of Each Pad (PAD EQ)

Here's how to adjust the tonal character of each pad (pad equalizer).


1. Press the [  ] (KIT EDIT) button.
2. Use the [  ][  ] buttons to select "PAD EQ," and press [  ] (ENTER) button.

The PAD EQ screen appears.



3. Strike the pad that you want to make settings.
4. Use the [  ][  ] buttons to select an item (parameter) and use the dial to edit the value.





Parameter	Value	Explanation
ON/OFF	ON, OFF	Turns the effect on/off.
LoFrq	20Hz–1kHz	Center frequency of the low range
LoGain	-15→+15dB	Amount of boost/cut for the low range
MidQ	0.5–8.0	Width of the frequency range A higher Mid Q narrows the affected area.
MidFrq	20Hz–16kHz	Center frequency of the mid range
MidGain	-15→+15dB	Amount of boost/cut for the mid range
HiFrq	1kHz–16kHz	Center frequency of the high range
HiGain	-15→+15dB	Amount of boost/cut for the high range
H&R Link	ON, OFF	Selects whether the head and rim parameters are edited as a set (ON) or independently (OFF).

5. Press the [  ] (DRUM KIT) button to return to the DRUM KIT screen.

## Adjusting the Stereo Feel of the Drum Kit (OVERHEAD)

Here's how to adjust the sound of the overhead mics that capture the entire drum kit.

This adjusts the sound's spaciousness and sense of stereo. You can specify the amount of effect for each pad.

1. Press the [  ] (KIT EDIT) button.
2. Use the [  ] [  ] buttons to select "OVERHEAD," and press [  ] (ENTER) button.


The OVERHEAD screen appears.



3. Use the [  ] [  ] buttons to select an item (parameter) and use the dial to edit the value.

Parameter	Value	Explanation
ON/OFF	ON, OFF	Turns the effect on/off.
Type	STD-1, STD-2, WIDE, CLEAR, WARM, DRY, MILD, BRIGHT, OTHER-1-4 *1	When you edit this parameter, all settings other than the overhead Level are changed to the optimal values.  To quickly obtain the sound you want, select the desired template and then edit the settings.
Mic	TYPE1-10	Type of mic
Width	1-5	Distance between mics
Level	-INF-+12.0dB	Volume of overhead
Send	-INF-+6.0dB	Amount of overhead applied to each pad
H&R Link	ON, OFF	Selects whether the head and rim parameters are edited as a set (ON) or independently (OFF).





\*1: Depending on the settings of each parameter, the template name might not match the effect. Also, if the default settings of the template do not match the current values, an "\*" is shown for the template setting.  
If you changed the template when the "\*" is shown, the values will return to the default values of the template.

4. Press the [  ] (DRUM KIT) button to return to the DRUM KIT screen.

## Adjusting the Reverberation of the Drum Kit (ROOM)



Here's how to simulate the reverberation and resonance of the location in which you're playing the drums.

By applying the Room effect you can give the drum sound a more natural feel and a sense of presence. You can specify the amount of effect for each pad.


1. Press the [  ] (KIT EDIT) button.
2. Use the [  ] [  ] buttons to select "ROOM," and press [  ] (ENTER) button.

The ROOM screen appears.







3. Use the [  ] [  ] buttons to select an item (parameter) and use the dial to edit the value.

Parameter	Value	Explanation
ON/OFF	ON, OFF	Turns the effect on/off.
Type	STUDIO1-1-4, STUDIO2-1-4, CLUB-1-4, STAGE-1-4, HALL-1-4	Type of room
Distance	0-6	Sense of distance for the room's reverberation
Time	-64-0	Reverberation time of the room
Level	-INF-+6.0dB	Volume of reverb
Send	-INF-+6.0dB	Amount of room applied to each pad
H&R Link	ON, OFF	Selects whether the head and rim parameters are edited as a set (ON) or independently (OFF).

4. Press the [  ] (DRUM KIT) button to return to the DRUM KIT screen.

### Applying an Effect to the Drum Kit (MFX)

Lets you apply a variety of effects to the overall drum kit. You can specify the amount of effect for each pad.

1. Press the [  ] (KIT EDIT) button.
2. Use the [  ][  ] buttons to select "MFX," and press [  ] (ENTER) button.  
The MFX screen appears.



3. Use the [  ][  ] buttons to select an item (parameter) and use the dial to edit the value.


Parameter	Value	Explanation
ON/OFF	ON, OFF	Turns the effect on/off.
Type		Type of multi-effect
MFX PRM	Refer to "Data List" (PDF)	Moves to a screen where you can edit the parameters of the selected multi-effect.
Level	-INF--+6.0dB	Volume of the effect sound
Send	-INF--+6.0dB	Amount of effect applied to each pad
H&R Link	ON, OFF	Selects whether the head and rim parameters are edited as a set (ON) or independently (OFF).

#### MEMO

For a list of multi-effect parameters, access the following QR code and view the "TD-07 Data List" (PDF).





[http://roland.cm/td-07\\_om](http://roland.cm/td-07_om)



4. Press the [  ] (DRUM KIT) button to return to the DRUM KIT screen.



### Renaming the Drum Kit (KIT NAME)


Here's how to rename the currently selected drum kit.

1. Press the [  ] (KIT EDIT) button.
2. Use the [  ][  ] buttons to select "KIT NAME," and press [  ] (ENTER) button.

The KIT NAME screen appears.







Controller	Explanation
[  ][  ] buttons	Move the cursor to the character that you want to change.
Dial	Change the character.

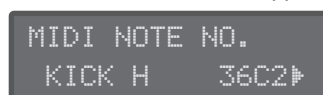
3. Press the [  ] (DRUM KIT) button to return to the DRUM KIT screen.



### Specifying MIDI Note Numbers (MIDI NOTE)

Here's how to specify the MIDI note number of each pad in the currently selected drum kit.


1. Press the [  ] (KIT EDIT) button.
2. Use the [  ][  ] buttons to select "MIDI NOTE," and press [  ] (ENTER) button.

The MIDI NOTE NO. screen appears.



3. Use the [  ][  ] buttons to select the pad that you want to edit, and use the dial to edit the value.

Value	Explanation
0(C-)127-(G9)	MIDI note number transmitted and received by each pad
OFF	Note messages are not transmitted or received

4. Press the [  ] (DRUM KIT) button to return to the DRUM KIT screen.

#### MEMO

If you're playing the TD-07's internal sound engine from an external MIDI device, and the received note number is assigned to more than one pad, the pad that's shown at the top in the MIDI NOTE NO. screen will produce sound. Pads that do not produce sound are indicated by an "\*" symbol at the right of the note number.



## Copying a Drum Kit (KIT COPY)

Here's how to copy the settings of a drum kit.

### NOTE

When you execute a copy operation, the contents of the copy-destination are overwritten.

1. Press the [ ] (KIT EDIT) button.
2. Use the [ ][ ] buttons to select "KIT COPY," and press [ ] (ENTER) button.

The KIT COPY screen appears.

```
KIT COPY
From Kit01▶
```

3. Use the dial to select the copy-source drum kit.
4. Press the [ ] button.

```
KIT COPY
◀To Kit03▶
```

5. Use the dial to select the copy-destination drum kit.
6. Press the [ ] button.

```
KIT COPY [ENTER]
◀Kit01 → Kit03
```

7. Press the [ ] (ENTER) button.

A confirmation message appears.

```
Sure? CANCEL/OK
[EXIT] / [ENTER]
```

If you decide to cancel, press the [ ] (EXIT) button.

8. Press the [ ] (ENTER) button.

The drum kit is copied.

## Resetting a Drum Kit's Settings (KIT RESET)

Here's how to return the drum kit settings to their factory-set state.

1. Press the [ ] (KIT EDIT) button.
2. Use the [ ][ ] buttons to select "KIT RESET," and press [ ] (ENTER) button.

The KIT RESET screen appears.

```
KIT RESET[ENTER]
01 TD-07
```

3. Use the dial to select the drum kit that you want to reset.

4. Press the [ ] (ENTER) button.

A confirmation message appears.

```
Sure? CANCEL/OK
[EXIT] / [ENTER]
```

If you decide to cancel, press the [ ] (EXIT) button.

5. Press the [ ] (ENTER) button.

The drum kit returns to the factory settings.

English

日本語

Deutsch

Français

Italiano

Español

Português

Nederlands

# Using the TD-07 with a Computer or Smartphone App

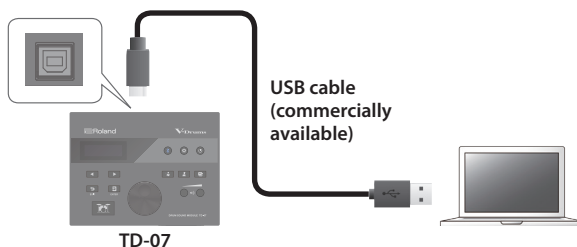
## Using the TD-07 with Computer Software

If the TD-07 is connected to your computer via a USB cable (commercially available), you can transmit and receive MIDI and audio data.

\* A USB cable is not included. Use a USB2.0 Hi-Speed cable.

In order to transmit and receive audio as USB AUDIO, you must install the USB driver.

The USB driver is software that transfers data between the TD-07 and the software such as DAW on your computer.



### MEMO

For details on downloading and installing the USB driver, refer to the Roland website.

<http://www.roland.com/support/>

## Specifying the USB Driver

Here's how to switch between the TD-07's dedicated USB driver and the driver provided by your operating system.

### Reference

In "Making System Settings" (p. 24), refer to "USBDrv" and make the appropriate settings.

## Using the TD-07 with a Smartphone App

You can connect the TD-07 with an app on your smartphone that supports Bluetooth MIDI (such as GarageBand).

As an example, we explain how to make settings for an iPhone.

## Registering the smartphone (pairing)

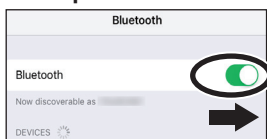
1. Place the smartphone that you want to connect near TD-07.
2. Press the [⌘] (Bluetooth) button.
3. Use the [◀][▶] buttons to select "BT MIDI," and use the dial to turn it "ON."



### MEMO

If the TD-07's Bluetooth function is off, turn it on. Hold down the [ENTER] button and press the [⌘] (Bluetooth) button to switch the TD-07's Bluetooth function on/off.

4. Turn on the Bluetooth function of your smartphone.




### NOTE

Even if the "Devices" area shows the name of the product that you're using (e.g., TD-07), do not tap it. If you tapped this, temporarily cancel the device registration, and perform the procedure again from step 1.

5. Start the app on your smartphone.
6. From your smartphone app, initiate pairing.

TD-07 and smartphone are paired. When pairing is completed, a display like the following appears.

smartphone	The indication "Connected" appears in the app.
TD-07	The indication "M" appears in the upper right of the screen. 

7. Press the [⌘] (DRUM KIT) button to return to the DRUM KIT screen.

# Making Detailed Settings (SETUP)

Lets you make detailed settings for the TD-07 such as adjusting the pad sensitivity, MIDI settings, and performing a factory reset.

## Setup menu

Indication	Explanation	Page
PAD	Make settings to ensure that the TD-07 correctly processes the signals from the pads. Here you can adjust the balance (sensitivity) between the force of a strike on a pad and the resulting volume.	p. 19
MIDI	Make MIDI-related settings for the TD-07.	p. 24
SYSTEM	Make settings for the TD-07's power supply, volume, display, and USB COMPUTER port input/output.	
VERSION	Shows the TD-07's program version.	p. 25
FACTORY RESET	Return the TD-07 to its factory settings.	

## Making Pad Settings

Here's how to make settings to ensure that the TD-07 correctly processes the signals from the pads. Here you can adjust the balance (sensitivity) between the force of a strike on a pad and the resulting volume.

1. Press the [F6] (SETUP) button.
2. Use the [◀][▶] buttons to select "PAD," and press [↵] (ENTER) button.

The PAD screen appears.



3. Strike the pad that you want to make settings.
4. Use the [◀][▶] buttons to select an item (parameter) that you want to edit, and use the dial to edit the value.

Parameter	Value	Explanation
Type	Refer to "PAD Type list" (p. 20)	Specify the pad type. You'll need to make these settings if you expand the pads of your drum set or if you connect pads of a different type.  * When you specify the PAD type, the parameters such as Threshold, ADVANCED (with the exception of certain parameters such as XtlkCancel) are set to optimal values. These values are only general guidelines; you can make fine adjustments as appropriate according to how you attach the pad and how you use it.
Sens	1–32	Adjusts the balance (sensitivity) between pad striking strength and volume. Increasing this value increases the sensitivity, so that even soft strikes on the pad are sounded at high volume. Decreasing this value decreases the sensitivity, so that even strong strikes on the pad are sounded at low volume.
Threshold	0–31	Adjusts the minimum sensitivity of the pad. This setting allows a trigger signal to be received only when the pad is above a determined force level (velocity). This can be used to prevent a pad from sounding because of vibrations from other pads. While striking the pad, gradually raise the threshold value. If a soft strike on the pad fails to produce sound, slightly lower this value. Repeat this to obtain the ideal setting.
XStickSens	OFF, 1–10	Specifies the strength of the strike at which the cross-stick sound and the rim shot sound are switched. Increasing this value causes the cross-stick sound to be heard even for a softer rim shot. If this is "OFF," the rim shot sound is heard even when you play a cross-stick strike.

## Making Detailed Settings (SETUP)

Parameter	Value	Explanation
CR2Usage	CR2	If you want to expand the drum set, use the CR2 connector of the dedicated connection cable as CR2. * For an example of expanding the drum set, refer to "Expanding your drum set" (p. 21).
	RDB	If you want to expand the drum set, use the CR2 connector of the dedicated connection cable as RIDE BELL. * For an example of expanding the drum set, refer to "Expanding your drum set" (p. 21).
FootSpSens	-10--+10	Adjusts the amount of how easy to make the foot splash.
VH Set	-	When using a VH-10 or VH-11 hi-hat, adjust the offset on the TD-07. This is necessary in order to correctly detect open/close operations and pedal movement. For details of the settings, refer to "Adjusting the Offset of the Hi-Hat (VH-10/VH-11)" (p. 21).
ADVANCED	Refer to "Making detailed settings in ADVANCED" (p. 22)	Moves to a screen where you can make more detailed adjustments for the pad.

5. Press the [  ] (DRUM KIT) button to return to the DRUM KIT screen.

## PAD Type list

Used Pad	Type	Rim shot	Bell shot	Choke play
KD-A22	KDA22	-	-	-
KD-200	KD200	-	-	-
KD-140	KD140	-	-	-
KD-120	KD120	-	-	-
KD-85	KD85	-	-	-
KD-10	KD10	-	-	-
KD-9	KD9	-	-	-
KD-8	KD8	-	-	-
KD-7	KD7	-	-	-
KT-10	KT10	-	-	-
KT-9	KT9	-	-	-
PDA120L	PDA120L	✓	-	-
PDA100L	PDA100L	✓	-	-
PD-128	PD128	✓	-	-
PD-125X	PD125X	✓	-	-
PD-125	PD125	✓	-	-
PD-108	PD108	✓	-	-
PD-105X	PD105X	✓	-	-
PD-105	PD105	✓	-	-
PD-85	PD85	✓	-	-
PDX-100	PDX100	✓	-	-
PDX-12	PDX12	✓	-	-
PDX-8	PDX8	✓	-	-
PDX-6	PDX6	✓	-	-
PD-8	PD8	✓	-	✓
VH-11	VH11	✓	-	✓
VH-10	VH10	✓	-	✓
CY-16R-T	CY16RT	✓	✓	✓
CY-15R	CY15R	✓	✓	✓

Used Pad	Type	Rim shot	Bell shot	Choke play
CY-14C-T	CY14CT	✓	-	✓
CY-14C	CY14C	✓	-	✓
CY-13R	CY13R	✓	✓	✓
CY-12C	CY12C	✓	-	✓
CY-12R/C	CY12R/C	✓	✓	✓
CY-8	CY8	✓	-	✓
CY-5	CY5	✓	-	✓
BT-1	BT1	-	-	-
	BT1 SENS *1	-	-	-
RT-30K	RT30K	-	-	-
RT-30HR	RT30HR	✓	-	-
RT-30H	RT30H SN *2	-	-	-
	RT30H TM *3	-	-	-
RT-10K	RT10K	-	-	-
RT-10S	RT10S	✓	-	-
RT-10T	RT10T	-	-	-

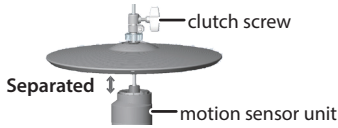
\*1: When using the BT-1, it is possible to further increase the sensitivity for soft strikes, but this increases the possibility of unwanted triggering by vibration from the surroundings.

\*2: Select this if you attach an RT-30H to the snare.

\*3: Select this if you attach an RT-30H to a tom.

## Adjusting the Offset of the Hi-Hat (VH-10/VH-11)

1. With the hi-hat completely separated from the motion sensor unit, power-on the TD-07.



2. Loosen the clutch screw and let the hi-hat rest naturally on the motion sensor unit.

3. Press the [✱] (SETUP) button.

4. Use the [◀][▶] buttons to select "PAD," and press [↵] (ENTER) button.

5. Strike the hi-hat to select the pad.

6. Use the [◀][▶] buttons to select "Type," and use the dial to select the type of hi-hat you're using (VH-10 or VH-11).



7. Use the [◀][▶] buttons to select "VH Set," and press [↵] (ENTER) button.

8. If the screen indicates "Turn screw L," turn the offset adjustment screw counter-clockwise. If the screen indicates "Turn screw R," turn it clockwise.

offset adjustment screw



When the value shown in the lower left of the screen is approximately 80 and the "OK!" indication appears, the adjustment is complete.

```
Adjust HH offset
<80> OK! [EXIT]
```

9. Fasten the clutch screw so that the hi-hat opens to the amount you prefer.

10. Press the [DK] (DRUM KIT) button to return to the DRUM KIT screen.

## Expanding your drum set

### Adding a crash cymbal

This is an example setup in which the TD-07KV is supplemented by adding a separately sold cymbal (CY-8) as "crash cymbal 2" (CR2), using a separately sold cymbal mount (MDY-Standard).



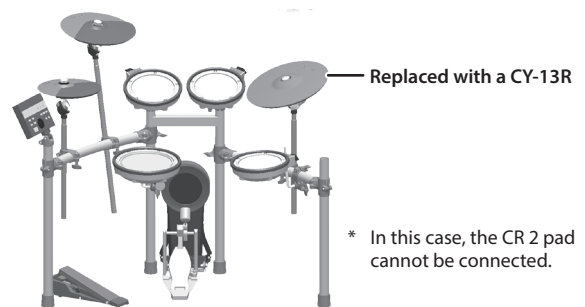
#### CR2 (CY-8) settings

1. Connect CR2 of the dedicated connection cable to the CY-8 pad that you added.
2. As described in "Making Pad Settings" (p. 19), set the CR2's PAD Type to "CY8," and set CR2Usage to "CR2."

This completes settings.

### Using a CY-13R instead of the CY-8 ride cymbal

Here's an example of replacing the ride cymbal (CY-8) with a separately sold CY-13R.


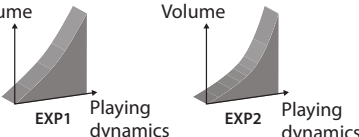
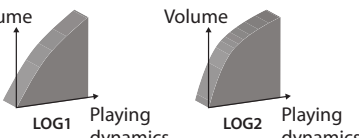
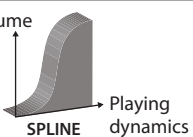
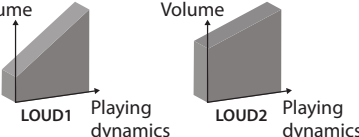


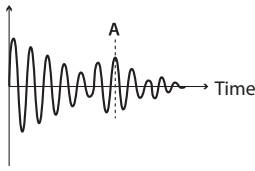
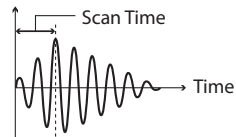
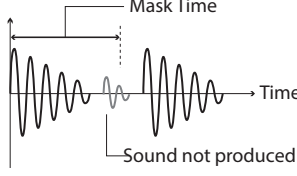
#### RIDE (CY-13R) settings

1. To the CY-13R's BOW/EDGE OUTPUT jack, connect the dedicated connection cable's "RD" connector, and to the BELL OUTPUT connector connect the dedicated connection cable's "CR2" connector.
2. As described in "Making Pad Settings" (p. 19), set the RD's PAD Type to "CY13R," and set CR2Usage to "RDB."

This completes settings.

## Making detailed settings in ADVANCED

Parameter	Value	Explanation
Curve	Volume change in response to pad strike strength	
	LINEAR	 <p>The standard setting. This produces the most natural correspondence between playing dynamics and volume change.</p>
	EXP1, EXP2	 <p>Compared to "LINEAR," strong dynamics produce a greater change.</p>
	LOG1, LOG2	 <p>Compared to "LINEAR," a soft playing produces a greater change.</p>
	SPLINE	 <p>Extreme changes are made in response to playing dynamics.</p>
	LOUD1, LOUD2	 <p>Very little dynamic response, making it easy to maintain strong volume levels. If you're using a drum trigger as an external pad, these settings will produce reliable triggering.</p>
RimGain	0-3.2	<p>Adjusts the balance between the force of striking the rim or edge and the loudness of the sound.</p> <p>If you increase this value, even soft strikes on the rim are sounded at high volume. If you decrease this value, even strong strikes on the rim are sounded at low volume.</p>
H/R Adjust *1	0-80	<p>This setting specifies how easy it is to play a head shot or rim shot.</p> <p>If the rim sound is heard when you play a head shot, increase this value. If the head sound is heard when you play an rim shot, decrease this value.</p> <p><b>MEMO</b></p> <p>If the rim shot sound is heard when you play a head shot, or if a head shot sound is heard when you play a rim shot, make small changes to the H/R Adjust values while you continue trying out the results. Extreme changes to the values will cause the wrong sound to be heard when you strike the pad, for example producing the rim shot sound when you play a head shot.</p>

Parameter	Value	Explanation
RetrgCancel	1-16	<p>Detecting trigger signal attenuation (Retrigger Cancel)</p> <p>When you strike a snare drum etc. to which a commercially available drum trigger is attached, there might be cases in which the waveform is misshapen, causing another trigger to unintentionally occur at point "A" in the following illustration (retriggering).</p>  <p>This occurs in particular at the decaying edge of the waveform. Retrigger Cancel detects such distortion in and prevents retriggering from occurring.</p> <p>While repeatedly striking the pad, raise the "Retrigger Cancel" value until retriggering no longer occurs. Although setting this to a high value prevents retriggering, it then becomes easy for sounds to be omitted when the drums played fast (roll etc.). Set this to the lowest value as possible while still ensuring that there is no retriggering.</p> <p><b>MEMO</b></p> <p>You can also eliminate this problem of retriggering with the Mask Time setting. Mask Time does not detect trigger signals if they occur within the specified amount of time after the previous trigger signal was received. Retrigger Cancel detects the attenuation of the trigger signal level, and triggers the sound after internally determining which trigger signals were actually generated when the head was struck, while weeding out the other false trigger signals that need not trigger a sound.</p>
XtlkCancel	1-80	<p>If more than one pad (or acoustic drum to which a drum trigger is attached) is mounted on the same stand, you can use this setting to prevent the vibrations caused by striking a pad from producing unintentional triggering (crosstalk) for a different pad (or drum trigger). For example, if pad B unintentionally sounds when you strike pad A, increase the XtlkCancel value of pad B until crosstalk no longer occurs. If this value is raised excessively, the sound of pad B will tend to drop out when pad A and pad B are struck simultaneously.</p>
ScanTime	0-4.0ms	<p>Trigger signal detection time (Scan Time)</p> <p>Since the rise time of the trigger signal waveform may differ slightly depending on the characteristics of each pad or acoustic drum trigger (drum pickup), you may notice that identical hits (velocity) may produce sound at different volumes. If this occurs, you can adjust the "Scan Time" so that your way of playing can be detected more precisely.</p>  <p>While repeatedly hitting the pad at a constant force, gradually raise the Scan Time value from 0 msec, until the resulting volume stabilizes at the loudest level. At this setting, try both soft and loud strikes, and make sure that the volume changes appropriately.</p> <p>* As the value is set higher, the time it takes for the sound to be played increases. Set this to the lowest value as possible.</p>
MaskTime	0-64ms	<p>Double triggering prevention (Mask Time)</p> <p>When playing a kick trigger, the beater can bounce back and hit the head a second time immediately after the intended note—with acoustic drums sometimes the beater stays against the head—this causes a single hit to "double trigger" (two sounds instead of one). The Mask Time setting helps to prevent this. Once a pad has been hit, any additional trigger signals occurring within the specified "Mask Time" will be ignored.</p>  <p>Adjust the "Mask Time" value while playing the pad. When using a kick trigger, try to let the beater bounce back and hit the head very quickly, then raise the "Mask Time" value until there are no more sounds made by the beater rebound.</p> <p>Increasing this value makes it more likely that a note played in rapid succession will drop out. Set this to as low a value as possible.</p> <p><b>MEMO</b></p> <p>If two or more sounds are being produced when you strike the head just once, then adjust Retrig Cancel.</p>

\*1: For some PAD Type settings, this cannot be specified.

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## Making Detailed Settings (SETUP)

### MIDI Settings

Here's how to make MIDI-related settings for the TD-07.

1. Press the [F5] (SETUP) button.
2. Use the [◀][▶] buttons to select "MIDI," and press [↵] (ENTER) button.
3. Use the [◀][▶] buttons to select the item (parameter) that you want to edit, and use the dial to change the value.

Parameter	Value	Explanation
Channel	1–16Ch	Transmit and receive channel.
Tx/Rx Sw	OFF, ON	Turns the transmitting and receiving MIDI messages on/off.
ProgChg Tx	OFF, ON	Turns program change transmission on/off
ProgChg Rx	OFF, ON	Turns program change reception on/off
Local Ctrl	OFF, ON	Turns on/off the connection between the performance data from the pads and the TD-07's sound generator section Normally you'll leave this "ON." If this is "OFF," the performance data from the pads is not connected to the TD-07's sound generator section.
Choke Shot	OFF, ON	Specifies operation when you strike a pad while choking it. If this is "ON," striking a pad while choking it causes it to be muted immediately after sounding. If this is "OFF," immediate muting does not occur even if you strike a pad while choking it.
Device ID	17–32	Device ID setting The setting described here is necessary only when you wish to transmit separate data to two or more TD-07 units at the same time. Do not change this setting in any other case.
SysEx Tx	OFF, ON	Specifies whether changes to the TD-07's settings are transmitted as system exclusive messages (ON) or not transmitted (OFF).
SysEx Rx	OFF, ON	Specifies whether system exclusive messages are received (ON) or not received (OFF).

4. Press the [F6] (DRUM KIT) button to return to the DRUM KIT screen.

### Making System Settings

Here's how to make settings for the TD-07's power supply, volume, display, and USB COMPUTER port input/output.

1. Press the [F5] (SETUP) button.
2. Use the [◀][▶] buttons to select "SYSTEM," and press [↵] (ENTER) button.
3. Use the [◀][▶] buttons to select the item (parameter) that you want to edit, and use the dial to change the value.

Parameter	Value	Explanation
LCDContrast	1–16	Adjusts the brightness of the display.
USB In	-36→+12dB	Adjusts the input level of the USB audio that is input via the USB COMPUTER port.
USB Out	-24→+24dB	Adjusts the output level of the USB audio that is output via the USB COMPUTER port.
USBDrv	GENERIC, VENDOR	Changes the USB driver mode. Specify "GENERIC" if you want to use the generic driver provided by the operating system, or "VENDOR" if you want to use the TD-07's dedicated driver provided by Roland. * If you change this setting, it takes effect when the TD-07's power is turned off and on again.
Earplugs	OFF, ON	If this is "ON," the volume of your drum performance is decreased. If you want to protect your hearing from high volume, such as when children are using the TD-07, we recommend that you turn this "ON."
AutoOff	OFF, 10MINS, 30MINS, 4HOURS	Turns the power off automatically when no pad has been struck and no operation performed within the specified time (10 minutes, 30 minutes, 4 hours). If this is "OFF," the power does not turn off automatically.

4. Press the [F6] (DRUM KIT) button to return to the DRUM KIT screen.



## Viewing Version Information

Here's how to show the TD-07's program version.

If a new system program is released, you can update the TD-07. For details, refer to the following URL.

**<http://www.roland.com/support/>**

Enter the model name → refer to "Updater and Driver"

1. Press the [F6] (SETUP) button.
2. Use the [◀][▶] buttons to select "VERSION," and press [↵] (ENTER) button.  
The TD-07's version information is shown.
3. Press the [F5] (DRUM KIT) button to return to the DRUM KIT screen.

## Restoring the Factory Settings

The "Factory Reset" operation returns all data and settings stored in the TD-07 to their factory-set condition.

### NOTE

When you execute this operation, all data and settings in the TD-07 will be lost.

1. Press the [F6] (SETUP) button.
2. Use the [◀][▶] buttons to select "FACTORY RESET," and press [↵] (ENTER) button.

A confirmation message appears.

```
Sure? CANCEL/OK
[EXIT] / [ENTER]
```

If you decide to cancel, press the [↵] (ENTER) button.

3. Press the [↵] (ENTER) button.  
The "Factory Reset" operation will be executed.

```
Completed!
```

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# Troubleshooting

Troubles	Items to check	Action	Page
<b>Troubles with sound</b>			
<b>No sound / Insufficient volume</b>	Is the TD-07 correctly connected to the amplified speaker or headphones?	Connect amplified speakers or headphones to the TD-07's OUTPUT/PHONES jack.	p. 6
		If you're connecting an amplified speaker, connect to the amplified speaker's input jack.	–
	Is the dedicated connection cable correctly connected to the TRIGGER INPUT connector located on the bottom of the TD-07?	Check the connections.	"Setup Guide"
	Could an audio cable of headphones or amplified speaker be broken?	Try using a different cable.	–
	If sound is not output from the amplified speaker that's connected, is sound output when you connect headphones?	If sound is being output, either the connection cable of the amplified speaker is broken, or there is a malfunction in the amplified speaker that's connected. Check the connected device and cable.	–
	Could the TD-07's volume be lowered?	Adjust the volume to an appropriate level	–
	Could the volume of the connected amplified speaker be lowered?		
Could the volume be lowered on the smartphone etc. that's connected to the MIX IN jack or via Bluetooth?			
<b>A specific pad does not sound</b>	Are the cables correctly connected to each pad and pedal?	Connect the appropriately labeled cable to each pad.	"Setup Guide"
	Could the pad sensitivity be lowered?	Adjust the pad sensitivity (Sens).	p. 19
	If you expanded the pads or replaced a pad with a different type of pad, is the pad type specified correctly?	Adjust the pad type.	
<b>No sound when you press the kick pedal</b>	Is the cable labeled KIK connected to the kick pad?	Check the connections.	"Setup Guide"
<b>No sound when you press the hi-hat pedal</b>	Is the cable labeled HHC connected to the hi-hat pedal?		
<b>The sound of another pad is also heard when you strike the pad.</b>	If multiple pads are attached to the same stand, the vibration of a strike can be transmitted to another pad, causing it to sound inadvertently.	<p>Note the following points, and make changes to the attached positions.</p> <ul style="list-style-type: none"> <li>Separate the pads so that they do not touch each other.</li> <li>Firmly tighten the pad attachment knob when attaching it to the stand.</li> </ul> <p>In some cases, sound from a monitor speaker might cause unintended triggering.</p> <ul style="list-style-type: none"> <li>Set up the pads at a distance from the speakers</li> <li>Angle the pads, placing them where they are less likely to be affected by the sound</li> <li>Increase the pad's minimum sensitivity value (Threshold) (p. 19)</li> </ul>	–
<b>Two or more notes are sounded when you strike once</b>	Is the pad fastened to the stand?	Fasten the pad firmly to the stand. Also set the RetrigCancel parameter.	p. 23
<b>Sounds do not play reliably</b>	Is the snare and tom pad's mesh head tensioned evenly?	Adjust the mesh head tension. Use a drum key to adjust the pad's tuning bolts. Slightly higher tension is good for proper triggering.	"Setup Guide"

Troubles with USB			
Can't communicate with a computer	Is the USB cable connected correctly?	Check the connections.	p. 18
	In order to transmit and receive audio as USB AUDIO, the USB driver must be installed.	Install the USB driver on your computer.	p. 18
	Are you using a cable that supports USB 2.0?	The product cannot be used the cable that supports USB 3.0. Use the cable that supports USB 2.0.	-
	Have the settings for "Driver Mode" been made correctly?	Choose the setting that's appropriate for your situation.	p. 24
Troubles with MIDI			
No sound from an external MIDI device	Is the MIDI channel set correctly?	Set the MIDI channels of the product and external MIDI device to the same setting.	p. 24
	Has the note number been set properly?	Set the pad's "MIDI NOTE NO."	p. 16

## Troubles with Bluetooth functionality

Troubles	Items to check/Action	Page	
"TD-07" is not shown on your smartphone	<p>Could this unit's Bluetooth function be "OFF"?</p> <p>Turn this unit's Bluetooth function "ON."                      [F] (Bluetooth) → [▶] "ON/OFF" → dial (ON)</p> <p><b>Bluetooth audio function:</b>                      When you initiate pairing ([ENTER] (ENTER) button), the device name "TD-07 AUDIO" appears on your smartphone.</p> <p><b>Bluetooth MIDI function:</b>                      [F] (Bluetooth) → [▶] "BT MIDI" → dial (ON)                      Initiate pairing from the settings of your Bluetooth MIDI compatible app (such as GarageBand).</p>	p. 11 p. 18	
Can't connect to Bluetooth audio	If your smartphone's Bluetooth device list shows "TD-07 AUDIO"	In your smartphone's settings, temporarily remove the registration of the "TD-07 AUDIO" Bluetooth device, turn the Bluetooth function off and then on again, and execute pairing once again.	-
	If your smartphone's Bluetooth device list does not show "TD-07 AUDIO"	In your smartphone's settings, turn the Bluetooth function off and then on again, and then initiate pairing from the TD-07 to pair it once again.	-
Can't connect to Bluetooth MIDI	For the Bluetooth MIDI function, you'll execute pairing not via the Bluetooth settings of your smartphone, but by using the settings within your Bluetooth MIDI compatible app (such as GarageBand). Even if your smartphone's Bluetooth device list shows "TD-07 MIDI," do not tap it. If you tapped it by mistake, cancel "TD-07 MIDI," turn the Bluetooth function off and then on again, and make the connection again.	-	
A paired smartphone does not connect	If connection occurs but is immediately broken, turning the smartphone's Bluetooth function off and then on again might make connection succeed.	-	
Can't execute pairing between a smartphone and one of the TD-07 of multiple units	<p>If you are pairing with your smartphone in a location where there are multiple TD-07 units, you can assign an ID to each unit. When you specify a Device ID, the specified number is added to the end of the device name that is shown on your smartphone. Example) "TD-07 AUDIO 1" "TD-07 MIDI 1" etc.</p> <p>[F] (Bluetooth) → [▶] "BT ID" → dial (1-99) → [F] (DRUM KIT)</p> <p>* If you assign a Device ID, it takes effect when the TD-07 exits from the BLUETOOTH screen.</p>	-	

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# USING THE UNIT SAFELY

## WARNING

### Concerning the Auto Off function

The power to this unit will be turned off automatically after a predetermined amount of time has passed since it was last used for playing music, or its buttons or controls were operated (Auto Off function). If you do not want the power to be turned off automatically, disengage the Auto Off function (p. 24).



## WARNING

### Use only the supplied AC adaptor and the correct voltage

Be sure to use only the AC adaptor supplied with the unit. Also, make sure the line voltage at the installation matches the input voltage specified on the AC adaptor's body. Other AC adaptors may use a different polarity, or be designed for a different voltage, so their use could result in damage, malfunction, or electric shock.



### Use only the supplied power cord

Use only the attached power cord. Also, the supplied power cord must not be used with any other device.



# IMPORTANT NOTES

## Power Supply

- Place the AC adaptor so that the side with text is downward.

## Repairs and Data

- Before sending the unit away for repairs, be sure to make a backup of the data stored within it; or you may prefer to write down the needed information. Although we will do our utmost to preserve the data stored in your unit when we carry out repairs, in some cases, such as when the memory section is physically damaged, restoration of the stored content may be impossible. Roland assumes no liability concerning the restoration of any stored content that has been lost.

## Additional Precautions

- Any data stored within the unit can be lost as the result of equipment failure, incorrect operation, etc. To protect yourself against the irretrievable loss of data, try to make a habit of creating regular backups of the data you've stored in the unit.
- Roland assumes no liability concerning the restoration of any stored content that has been lost.
- Never strike or apply strong pressure to the display.
- This instrument is designed to minimize the extraneous sounds produced when it's played. However, since sound vibrations can be transmitted through floors and walls to a greater degree than expected, take care not to allow these sounds to become a nuisance others nearby.
- When disposing of the packing carton or cushioning material in which this unit was packed, you must observe the waste disposal regulations that apply to your locality.
- The rubber portion of the striking surface is treated with a preservative to maintain its performance. With the passage of time, this preservative may appear on the surface as a white stain, or reveal how the pads were struck during product testing. This does not affect the performance or functionality of the product, and you may continue using it with confidence.
- Continuous playing may cause dis-coloration of the pad, but this will not affect the pad's function.
- Do not use connection cables that contain a built-in resistor.

## Caution Regarding Radio Frequency Emissions

- The following actions may subject you to penalty of law.
  - Disassembling or modifying this device.
  - Removing the certification label affixed to the back of this device.
  - Using this device in a country other than where it was purchased

## Intellectual Property Right

- The copyright of content in this product (the sound waveform data, style data, accompaniment patterns, phrase data, audio loops and image data) is reserved by Roland Corporation.
- Purchasers of this product are permitted to utilize said content (except song data such as Demo Songs) for the creating, performing, recording and distributing original musical works.
- Purchasers of this product are NOT permitted to extract said content in original or modified form, for the purpose of distributing recorded medium of said content or making them available on a computer network.
- ASIO is a trademark and software of Steinberg Media Technologies GmbH.
- This product contains eParts integrated software platform of eSOL Co.,Ltd. eParts is a trademark of eSOL Co., Ltd. in Japan.
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- This Product uses the Source Code of µT-Kernel under T-License 2.0 granted by the T-Engine Forum ([www.tron.org](http://www.tron.org)).
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# Main Specifications

## Roland TD-07: Drum Sound Module

<b>Drum kits</b>	50 (Preset: over 20)
<b>Instruments</b>	143
<b>Effect Types</b>	Pad Equalizer: each pad Overhead Mic Simulator Room Multi-Effects: 1 system, 30 types
<b>Bluetooth</b>	Supported standards: Bluetooth Ver 4.2 Supported profile: A2DP (Audio), GATT (MIDI over Bluetooth Low Energy) Codec: SBC (Support to the content protection of the SCMS-T method)
<b>Display</b>	16 characters x 2 lines LCD (with backlight)
<b>Power Supply</b>	AC adaptor (DC 12 V)
<b>Current Draw</b>	250 mA
<b>Dimensions</b>	185 (W) × 36 (D) × 177 (H) mm 7-5/16 (W) × 1-7/16 (D) × 7 (H) inches
<b>Weight (excluding AC adaptor)</b>	407 g 15 oz
<b>Accessories</b>	Setup Guide Owner's Manual Leaflet "USING THE UNIT SAFELY" AC adaptor
<b>Options (sold separately)</b>	Additional crash cymbal (Crash2): CY-8, MDY-Standard *1 Personal drum monitor: PM series V-Drums accessory package: DAP-3X V-Drums mat: TDM series Noise eater: NE series  *1: MDY-Standard is additionally required for mounting a CY-8 on the stand.

\* This document explains the specifications of the product at the time that the document was issued. For the latest information, refer to the Roland website.

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