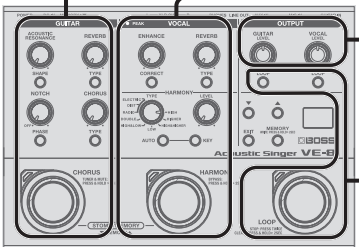
The VE-8 is an all-in-one device that's designed for a singer who also plays an instrument; it combines a **vocal effect**, **guitar effect**, **looper**, and **mixer**.

Guitar Effects p. 8

Acoustic Resonance adjusts the body resonance of an acoustic guitar. Reverb adds the reverberation that is characteristic of a performance in a hall. Notch suppresses acoustic feedback. Chorus and a variety of other effects (such as tremolo, phaser, and delay) can also be applied.

Vocal Effects p. 10

You can add harmony to the vocal that you sing while playing guitar. Enhance sharpens the outline of your voice. Pitch Correct compensates for inaccuracies in pitch. Reverb adds the acoustic character of a performance in a hall. Effects (such as electric voice and radio voice) can also be applied.



Output (Mixer) p. 2

You can easily adjust the output balance between your vocal and guitar.

Looper p. 12

You can record your vocal and guitar separately, and play back the recording as a loop.

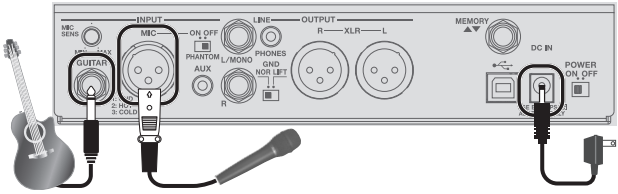
Contents

Before using this unit, carefully read "USING THE UNIT SAFELY" and "IMPORTANT NOTES" (leaflet "USING THE UNIT SAFELY" and Owner's Manual (p. 15)). After reading, keep the document(s) including those sections where it will be available for immediate reference.

Setup (Connecting Your Mic and Guitar)

1. Connect included AC adaptor, or install batteries (AA x 6).

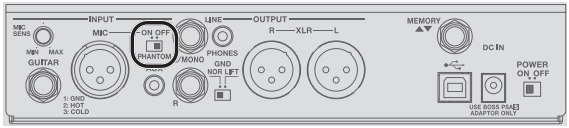
2. Connect your mic and guitar.



* Pin array of the MIC jack (balanced type)

Phantom Power Setting

If you're using a condenser mic that requires phantom power, turn [PHANTOM] switch ON.



Always turn the phantom power off when connecting any device other than condenser microphones that require phantom power.

3. Connect to the amplifier or PA.

Connecting to the Amplifier/Simple PA (Street or Café Performance)

p. 3

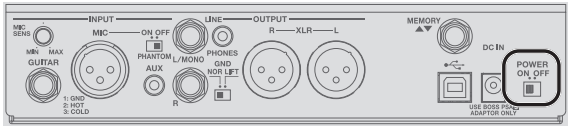
Outputting Vocal and Guitar Separately to the PA (Club Performance)

p. 4

Connecting Your Computer and Headphones (Home/Studio)

p. 6

4. Turn the power ON.



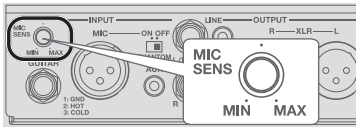
Before you make connections, make sure that the input gain or volume of your mixer or amplifier is turned down.

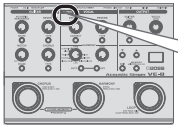
By turning on devices in the wrong order, you risk causing malfunction and/or damage to speakers and other devices.

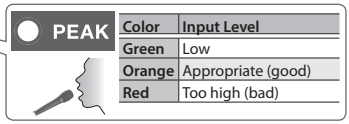
5. Adjust the mic input sensitivity.

You must adjust the mic input sensitivity accurately!

Use the [MIC SENS] knob to adjust the input sensitivity. Adjust the sensitivity so that the PEAK indicator lights orange. If the input level is too high, the PEAK indicator lights red.







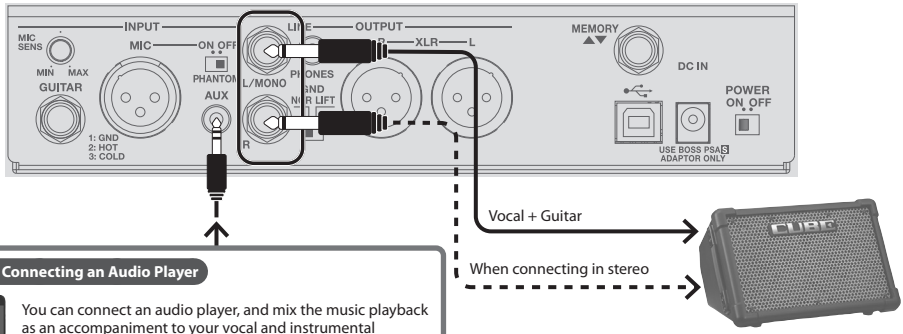
Color	Input Level
Green	Low
Orange	Appropriate (good)
Red	Too high (bad)

6. Adjust the output level of the guitar and vocal.

Connections

Connecting to the Amplifier/Simple PA (Street or Café Performance)

Connecting to the amplifier

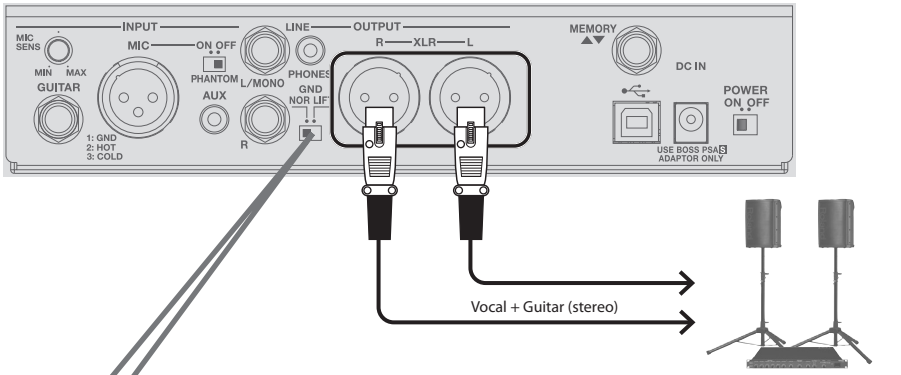


When Connecting an Audio Player

You can connect an audio player, and mix the music playback as an accompaniment to your vocal and instrumental performance.

* Use the controls of the connected device (audio player) to adjust the volume.

Connecting to the simple PA

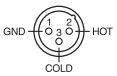


If Ground Loop Buzz or Hum Occurs

Loop hum noise may occur when other external devices are connected to the VE-8. In such instances, you may be able to mitigate the problem by switching the position of the [GND] switch. The [GND] switch should be normally set to NOR (NORMAL).

Switch	Explanation
NOR	Pin 1 connects to the VE-8's ground.
LIFT	Pin 1 is disconnected from the VE-8's ground.

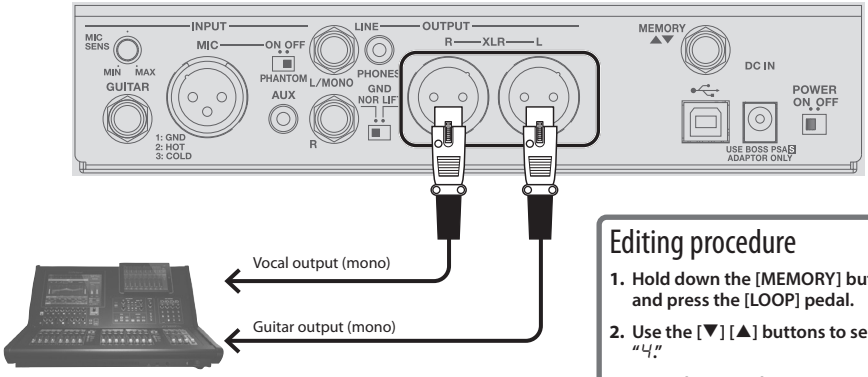
* Pin array of the OUTPUT jacks (balanced type)



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

Outputting Vocal and Guitar Separately to the PA (Club Performance)

Outputting vocal and guitar separately to the PA

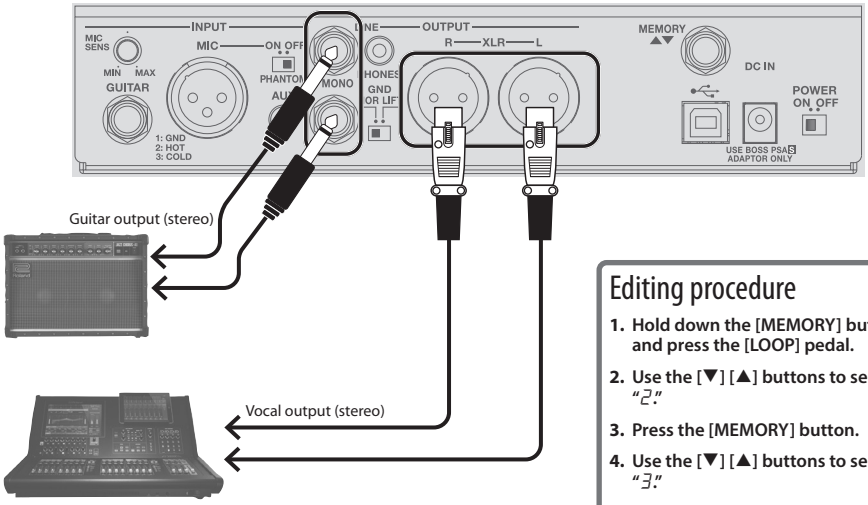


Editing procedure

1. **Hold down the [MEMORY] button and press the [LOOP] pedal.**
2. **Use the [▼] [▲] buttons to select "4."**
3. **Press the [EXIT] button.**

For details, p. 5

Outputting vocal to the PA, and guitar to a guitar amp



Editing procedure

1. **Hold down the [MEMORY] button and press the [LOOP] pedal.**
2. **Use the [▼] [▲] buttons to select "2."**
3. **Press the [MEMORY] button.**
4. **Use the [▼] [▲] buttons to select "3."**
5. **Press the [EXIT] button.**

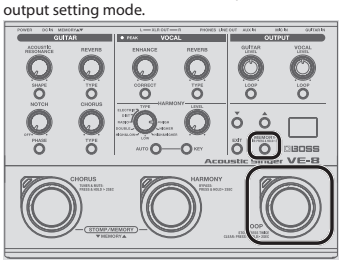
For details, p. 5

Output Settings

Here's how to select the sound that is output from the XLR and LINE jacks. With the default settings, the vocal and guitar sounds are mixed, but you can change the setting so that the vocal and guitar are output from separate jacks.

1. Hold down the [MEMORY] button and press the [LOOP] pedal.

The [MEMORY] button and [LOOP] pedal are lit red; the VE-8 is in output setting mode.



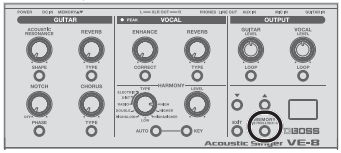
2. Press the [MEMORY] button to select a parameter (jack).

Each time you press the button, the setting changes as follows.

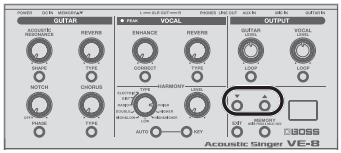
"HL" (**XLR jacks**) → "L ı" (**LINE jacks**) → "Au" (**AUX jack**) → "Ph" (**PHONES jack**) → "uS" (**USB**)

MEMO

To return to the previous parameter, hold down the [EXIT] button and press the [MEMORY] button.



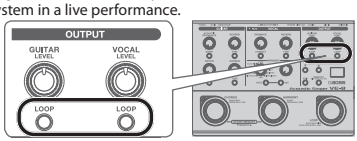
3. Use the [▼] [▲] buttons to select a value.



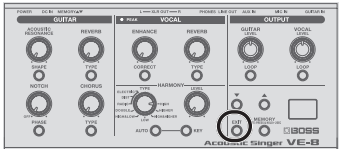
Parameter	Value	Explanation	
HL (**XLR jacks**) L ı (**LINE jacks**)	Selects the sound that is output from the XLR and LINE jacks.		
	1	Vocal + Guitar (stereo) (default)	
	2	Vocal (stereo)	
	3	Guitar (stereo)	
	4	L: Guitar (mono)	R: Vocal (mono)
	5	L: Vocal (effect)	R: Vocal (dry)
	6	L: Guitar (effect)	R: Guitar (dry)
	7	Vocal+Guitar (mono)	
	8	Vocal (mono)	
	9	Guitar (mono)	
Au (**AUX jack**)	Selects the output destination of the sound that is input from the AUX jack.		
	1	ALL (all jacks) (default)	
	2	LINE + PHONES jacks	
	3	PHONES jack	
Ph (**PHONES jack**)	Sets the volume of the PHONES jack.		
	0–99 (default: 50)		
uS (**USB direct out**)	Switches the output of the VE-8 sound to the XLR and LINE jacks. ➡ For details on the USB, refer to "About USB" (p. 6).		
	0	The sound of the VE-8 is not output from the XLR and LINE jacks; it is output only to the computer (USB). Use this when you want to use your DAW to apply a plug-in effect to the sound of the VE-8, and output the result from the output jacks.	
	1	The sound of the VE-8 is output to the XLR and LINE jacks (default).	

If You Don't Want to Send Reverb to the PA

When "HL" (**XLR jacks**) or "L ı" (**LINE jacks**) is selected, and you press the guitar and vocal [LOOP] buttons to make them blink, reverb is not output from the XLR or LINE jacks. Use this setting in a situation where you want to use the reverb of the PA system in a live performance.



4. Press the [EXIT] button to exit settings mode.



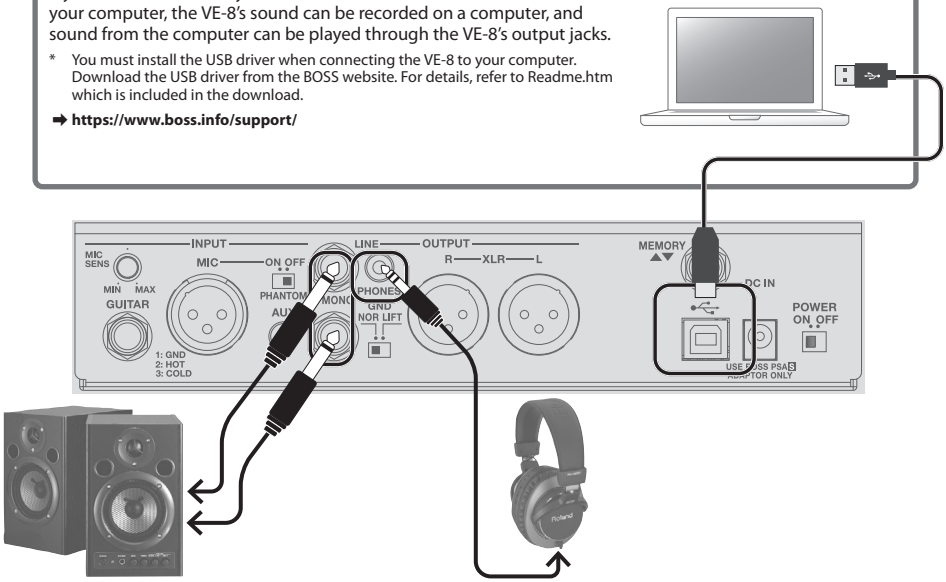
Connecting Your Computer and Headphones (Home/Studio)

About USB

If you use a commercially available USB 2.0 cable to connect the VE-8 to your computer, the VE-8's sound can be recorded on a computer, and sound from the computer can be played through the VE-8's output jacks.

* You must install the USB driver when connecting the VE-8 to your computer. Download the USB driver from the BOSS website. For details, refer to Readme.htm which is included in the download.

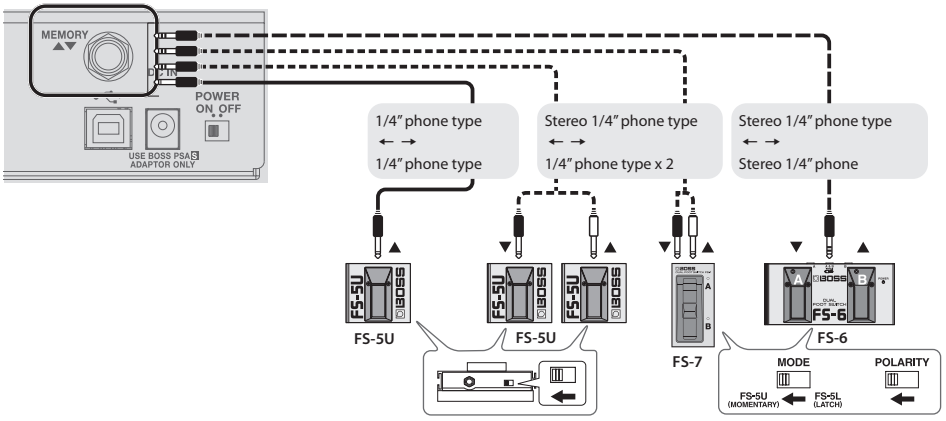
➡ **https://www.boss.info/support/**



Connecting a Footswitch

If a footswitch (FS-5U, FS-6, FS-7: sold separately) is connected to the MEMORY▲▼ jack, you can use the footswitch to switch memories (p. 7).

➡ You can also assign other functions to the footswitch. "External Footswitch Setting" (p. 13)

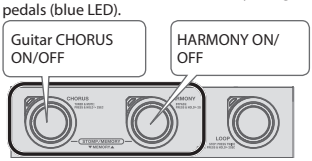


Manual/Memory Mode

Manual Mode

When you start up the VE-8, it is in Manual mode. In this mode the sound and effects are applied according to the position of the panel knobs.

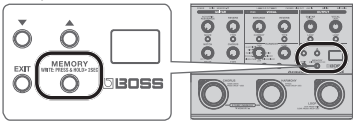
- A dot is shown in the display. When you move a knob, the value of its setting is shown.
- You can turn the effects on and off by using the pedals (blue LED).



➡ You can select the mode at power-on. "Startup Mode" (p. 13)

Memory Mode

When you press the [MEMORY] button to make it light red, the VE-8 is in Memory mode. In this mode you can save and recall 50 combinations of effects and settings (sounds) as "memories."

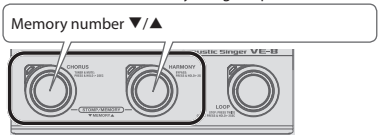


You can also switch between Memory/Manual modes by long-pressing these two pedals simultaneously.

- The memory number is shown in the display.

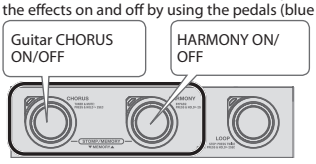
* When you edit the setting, a dot appears in the display.

- You can switch memories by using the pedals (red LED).



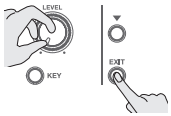
Stomp Mode

In Memory mode, simultaneously pressing the two pedals shown in the illustration switches to Stomp mode. You can turn the effects on and off by using the pedals (blue LED).



➡ You can specify the effects that are turned on/off in Stomp mode. (p. 14)

Checking the Knob/Button Values



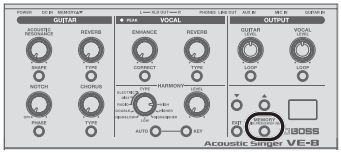
- **By operating a knob or button while you hold down the [EXIT] button**, you can see its current value in the display without actually changing the setting of that knob or button.
- When you recall settings (sounds) in Memory mode, the values of the settings do not match the positions of the physical knobs. For example, if the value of a knob's setting is 12 o'clock, but the physical knob is turned to the far left, the value will not change until you turn the knob through the 12 o'clock position.

* When you edit the setting, a dot appears in the display.

Saving a Memory

Here's how to save settings that you want to keep.

1. Long-press the [MEMORY] button.

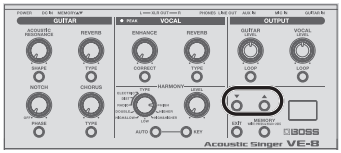


The display blinks "Wr" (Write).

2. Press the [MEMORY] button once more.

The memory number appears in the display, and the [MEMORY] button blinks red.

3. Use the [▼] [▲] buttons to choose the memory number (1–50) where you'd like to save the memory.



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

4. Press the [MEMORY] button.

Initializing Memory Settings

Initializes the settings of the currently selected memory.

1. Long-press the [MEMORY] button.

The display blinks "Wr" (Write).

2. Press the [▲] button to choose " In" (Initialize).

The [MEMORY] button blinks red.

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

3. Press the [MEMORY] button.

Knob Lock Function

If you turn on Knob Lock, the knobs will be inoperable.

This prevents settings from being changed inadvertently on stage or in other such situations.

1. Hold down the [EXIT] button and press the [MEMORY] button.

Each time you press the button, Knob Lock turns on/off.

If you move a knob while Knob Lock is on, the screen indicates "Lc."

Settings of the Guitar Effects

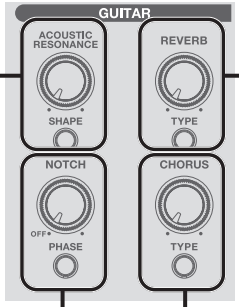
ACOUSTIC RESONANCE

Use the knob to adjust the body resonance of an acoustic guitar.

[SHAPE] Button

Adjusts the tonal character appropriately for the guitar or settings you're using.

Display		Button	Explanation
oF	**OFF**	Unlit	Off
Wd	**WIDE**	Green	Mellow sound that emphasizes the body resonance
ML	**MILD**	Orange	Vivid sound that adjusts the mid-frequency range
br	**BRIGHT**	Red	Brilliant sound with an extended high-frequency range



REVERB

Adds reverberations to the sound.

Use the knob to adjust the reverb level.

[TYPE] Button

Switches the type of reverb.

Display		Button
AM	**AMBIENCE**	Unlit
rM	**ROOM**	Green
h1	**HALL 1**	Orange
h2	**HALL 2**	Red

NOTCH

Suppresses the acoustic feedback (screech or whine) that can occur depending on the position or surroundings of your guitar and amp.

[PHASE] Button

If acoustic feedback is a problem, first try pressing the [PHASE] button. Switching the phase will help suppress acoustic feedback.

[NOTCH] Knob

If turning on the [PHASE] button does not help, adjust the [NOTCH] knob.

- While acoustic feedback is occurring, turn the [NOTCH] (frequency) knob to find the location at which feedback is suppressed.
- Turning the knob toward the right suppresses feedback at a higher frequency; turning the knob toward the left suppresses feedback at a lower frequency.

CHORUS

Adds an effect such as chorus. Use the knob to adjust the effect depth. Use the [CHORUS] pedal to turn the effect on/off (p. 7).

[TYPE] Button

Switches the type of effect.

Display		Explanation
Ch	**CHORUS**	This effect adds subtle wavering to transform the tone into one that is broader, thicker, and more beautiful.
tr	**TREMOLO**	This effect gives a retro feeling by creating a cyclic change in volume.
Ph	**PHASER**	By adding phase-shifted components to the sound, this effect gives a whooshing, swirling character to the sound.
dL	**DELAY**	This delays the sound to produce an echo-like effect.
Md	**MOD DELAY**	This is a delay with a pleasant chorus-type effect added to the delay repeats.
oC	**OCTAVE**	Adds sound an octave lower and an octave higher.
SG	**SLOW GEAR**	This removes the attack portion of the signal to create violin-like sounds.
rM	**RING MOD**	By ring-modulating the guitar sound with the signal from an internal oscillator, this effect creates a metallic sound that has no definite pitch.

Tuning the Guitar (Tuner)

1. Hold down the [CHORUS] pedal for at least two seconds.

Guitar is muted, the tuner is switched on.

2. If necessary, you can change the reference pitch by using the [▼] [▲] buttons.

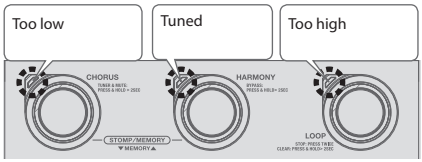
Display	Pitch
35-45	4**35**–4**45** (Hz) (default: 4**40** Hz)

3. Play a single open note on the string to be tuned.

The name of the note closest to the pitch of the string played appears in the display.

* Ex. (E)  (C#)  # symbol

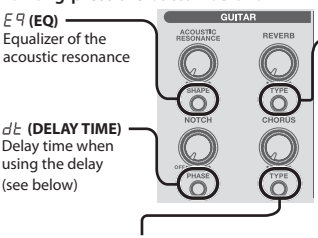
4. Tune so that the [HARMONY] pedal light up.



5. To turn the tuner off, press any of the pedals.

Sub-Parameter Settings

1. Long-press the button below.



Type	Parameter	Explanation
CHORUS/ TREMOLO/ PHASER	rt (RATE)	Sets the speed of the effect.
DELAY/ MOD DELAY	Fb (FEEDBACK)	Sets the number of repetitions for the delay.
OCTAVE	Vo (VOICE)	Specifies how the effect sound is layered. - 1 (1 octave below) 1 (1 octave above) 1d (1 octave above + detune)
SLOW GEAR	At (ATTACK)	Adjusts the time needed for the volume to reach its maximum.
RING MOD	bL (BALANCE)	Adjusts the balance between the direct sound and the effect sound.

2. Use the [▼] [▲] buttons to select a value.

3. Press the [EXIT] button to exit settings mode.

Delay Time Settings (Tap Tempo)

By tapping the button or external footswitch in time with the tempo of the song, you can set delay time of dotted eighth note or quarter note of the tempo of the song.

➡ When using the external footswitch to tap tempo, set the "External Footswitch Setting" (p. 13) to the following value.

Parameter	Value	Explanation
C1, C2	14	TAP TEMPO

1. Press the CHORUS [TYPE] button to select "dL" (DELAY) or "Md" (MOD DELAY).

2. Long-press the [PHASE] button.

3. Press the [MEMORY] button to select a parameter (refer to table).

4. Use the [▼] [▲] buttons to select a value.

Parameter	Value	Explanation
dt (DELAY TIME)		Sets the delay time (**1**0–**99**0 ms). You can also set the delay time by tapping the [PHASE] button at least twice in time with the song's tempo. (Tap Tempo) * BPM is not displayed.
nt (NOTE)		Sets the note for the delay sound.
	d	♩ (Quarter note)
	d.7	♪. (Dotted eighth note)

5. Press the [EXIT] button to exit settings mode.

Using Multiple Effects Simultaneously

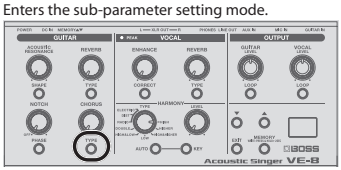
You can use up to three effects of the CHORUS section simultaneously.

OCTAVE
SLOW GEAR
RING MOD → CHORUS
TREMOLO
PHASER → DELAY
MOD DELAY

* You can select one from each group.

1. Long-press the CHORUS [TYPE] button.

Enters the sub-parameter setting mode.



2. Long-press the [MEMORY] button.

Enters the effect ON/OFF setting mode.

MEMO

You can also enter effect ON/OFF setting mode by long-pressing the CHORUS [TYPE] button.

3. Press the [MEMORY] button to select an effect.

Each time you press the button, the setting changes as follows.

Ch	CHORUS	Md	MOD DELAY
tr	TREMOLO	oC	OCTAVE
Ph	PHASER	SG	SLOW GEAR
dL	DELAY	rM	RING MOD

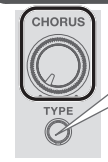
4. Use the [▼] [▲] buttons to set OFF (0) / ON (1).

5. Repeat steps 3–4.

6. Press the CHORUS [TYPE] button to exit settings mode.

* **If you want to cancel the settings (and use only one effect),** press the [EXIT] button.

What the [CHORUS] Knob Controls



If more than one effect is on, the effect that is controlled by the [CHORUS] knob can be switched by pressing the CHORUS [TYPE] button.

Settings of the Vocal Effects

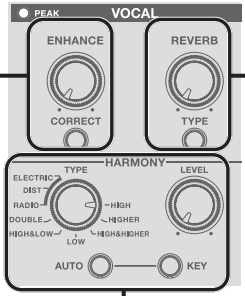
ENHANCE

Improves the clarity of your voice by making the input volume more consistent.

[CORRECT] Button

Corrects inaccuracies in the pitch of your voice, improving the precision of the harmony.

Display	Button	
oF	OFF	Unlit
St	SOFT	Green
hd	HARD	Red



REVERB

Adds reverberations to the sound.
Use the knob to adjust the reverb level.

[TYPE] Button

Switches the type of reverb.

Display	Button	
AM	AMBIENCE	Unlit
rM	ROOM	Green
h1	HALL 1	Orange
h2	HALL 2	Red

HARMONY

"Harmony" lets you add a natural-sounding harmony part to your own voice. Use the [HARMONY] pedal to turn harmony on/off (p. 7).

[TYPE] Knob

Switches the type of harmony.

Type	Explanation
VOCAL EFFECTS	
ELECTRIC	A mechanistic sound in which the pitch changes in steps (recently popular in pop music).
DIST	Vocal distortion
RADIO	Radio-voice sound
HARMONY	
HIGH **HIGHER** **HIGH & HIGHER** **LOW** **HIGH & LOW**	Adds one or two voices of natural-sounding harmony according to the setting.
DOUBLE	Reproduces a technique in which the same person records the identical melody twice to layer the sound, giving it additional depth.

[LEVEL] Knob

Adjusts the volume of the harmony, or a parameter of the effect.

Type	Explanation
ELECTRIC	Ease of pitch change
DIST	Degree of distortion
RADIO	Volume of the Radio-voice
HARMONY	Volume of the Harmony

Specifying the key of your song

[AUTO] Button (Auto Setting)

If the [AUTO] button is on, harmony will be added to your voice according to what you play on the connected guitar.

* **If you are playing the guitar and singing, start by trying the FULL setting, and use HYBRID if you don't obtain the harmony that you want. If you're not using a guitar, choose the OFF setting and specify the key.**

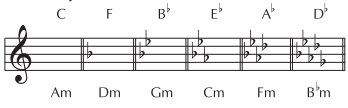
Display		Button	Explanation
oF	OFF	Unlit	Harmony is added according to the key specified by the [KEY] button.
FL	FULL	Red	Harmony is added according to the chord progression played on the guitar.
hb	HYBRID	Green	Harmony is added according to the key specified by the [KEY] button and according to the chords played on the guitar.

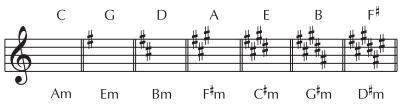
[KEY] Button (Manual Key Setting)

1. Press the [KEY] button to set the key.

* Ex. (F#) F0 ♯ symbol (E♭) Eb ♭ symbol

* Specify the key of the song that you're singing, referring to below.
Ex. If you're singing a song in A minor, set to "C," which is the relative key.

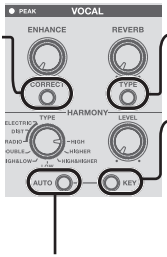




* If the vocal effect TYPE is set to ELECTRIC, you can also set the key to chromatic "Ch."

Sub-Parameter Settings

1. Long-press the button below.



Gd **(GENDER)**
Negative (–) settings give the voice a more masculine character, while positive (+) settings make the voice more feminine.

* This is valid only when the [CORRECT] button is lit.

tn **(TONE)**
Brightness of the reverb sound

dL **(DIRECT LEVEL)**
Volume of the direct mic when the effect is on

* This is valid only for HARMONY.

Type	Parameter	Explanation
ELECTRIC	*SP* **(SPEED)**	Adjusts the speed of pitch change. Higher values produce faster pitch change.
DIST RADIO	*tn* **(TONE)**	Brightness of the sound
HARMONY	*AC* **(ACCURATE)**	Raising this value increases the accuracy with which the pitch of the harmony matches the original pitch of the vocal. With the default setting (10), the harmony will sound at an accurate pitch, so if the pitch of the original vocal is not correct, the harmony might not sound right. If this occurs, lower this value.

2. Use the [▼] [▲] buttons to select a value.

3. Press the [EXIT] button to exit settings mode.

Vocal Bypass

You can bypass all vocal effects, for example when you're talking between songs.

1. Hold down the [HARMONY] pedal for at least two seconds.

The [HARMONY] pedal blinks and the vocal effects are bypassed.

2. To turn the bypass off, press any of the pedals.

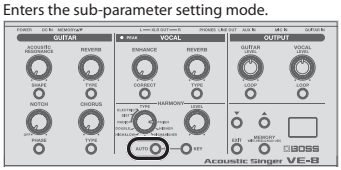
Using Multiple Effects Simultaneously

You can use up to three effects of the VOCAL section simultaneously.

* You can select either one of DIST/RADIO.

1. Long-press the [AUTO] button.

Enters the sub-parameter setting mode.



2. Long-press the [MEMORY] button.

Enters the effect ON/OFF setting mode.

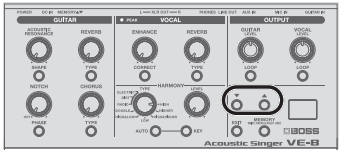
You can also enter effect ON/OFF setting mode by long-pressing the [AUTO] button.

3. Press the [MEMORY] button to select an effect.

Each time you press the button, the setting changes as follows.

h	HIGH	*db*	DOUBLE
hr	HIGHER	*rA*	RADIO
hh	HIGH & HIGHER	*dS*	DIST
L	LOW	*EL*	ELECTRIC
hL	HIGH & LOW		

4. Use the [▼] [▲] buttons to set OFF (*0*) / ON (*1*).



5. Repeat steps 3–4.

6. Press the [AUTO] button to exit settings mode.

* **If you want to cancel the settings (and use only one effect),** press the [EXIT] button.

What the HARMONY [LEVEL] knob Controls

If more than one effect is on, the effect that is controlled by the HARMONY [LEVEL] knob can be switched by using the HARMONY [TYPE] knob.

Looper

By operating the [LOOP] pedal you can record your vocal and guitar independently, and use them for looped performances.

Record

Recording will start immediately when you press the [LOOP] pedal.

At the point where you want to loop, press the pedal to switch to playback.

Loop Playback

Play back the loop.

Pressing the [LOOP] pedal will switch to overdubbing.

Overdub

Record additional layers while playing back the loop.

Press the [LOOP] pedal to switch to playback.

Press Twice

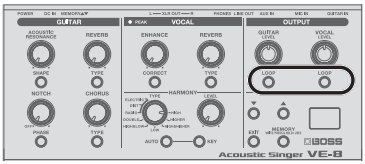
Stop/Clear

To stop, press the [LOOP] pedal twice.

To clear the phrase, hold down the [LOOP] pedal for at least two seconds while stopped.

Selecting the Recording Part (Guitar or Vocal)

The part (guitar or vocal) whose [LOOP] button is lit will be recorded.



You can also use an external footswitch to switch the recorded part.

➡ "External Footswitch Setting" (p. 13)

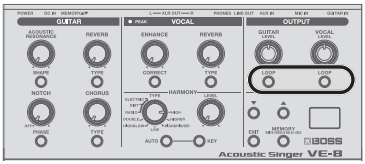
Parameter	Value	Explanation
C 1,C2	4	LOOPER SOURCE

Loop Playback Level Setting

If you set the playback level at 50 (default value), the volume of the performance and that of the loop playback will be identical.

If you set the playback level to a value lower than 50, the volume of the playback will be lower than that of the performance. As a result, the sound of the performance won't get buried by the loop playback sound, even if you record a multiple number of times.

1. **Long-press the [LOOP] button of the part (guitar or vocal) whose playback level you want to set.**



2. **Use the [▼] [▲] buttons to set the playback level.**
3. **Press the [EXIT] button to exit settings mode.**

[LOOP] Pedal Color

Color	Status
Red	Recording
Blue	Playback
Purple	Overdub
Blue (blink)	Stopped (phrase exists)
Unlit	Stopped (no phrase)

Stopping by the External Footswitch

You can stop by pressing the external footswitch just once.

➡ "External Footswitch Setting" (p. 13)

Parameter	Value	Explanation
C 1,C2	3	LOOP STOP (HOLD: CLEAR)

Changing the Switching Order of REC → PLAY → DUB

➡ "Looper Setting" (p. 13)

MEMO

* The recording time is 80 seconds.

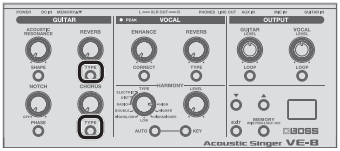
* The recorded content will be lost when you turn off the power.

Advanced Settings

Restoring the Factory Settings (Factory Reset)

Here's how to return the VE-8 to its factory-set state.

1. While holding down the (GUITAR) REVERB [TYPE] and CHORUS [TYPE] button, turn on the power.



"Fr" appears in the display, and the [MEMORY] button blinks.

* If you decide to cancel the factory reset, turn off the power.

2. Press the [MEMORY] button.

The display flashes and the factory reset is executed.

* Never turn off the power while Factory Reset is in progress.

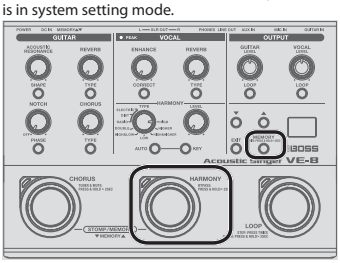
3. Once "oL" appears in the display, you can turn off the power.

System Settings

Settings that are shared by the entire VE-8 are called "system settings."

1. Hold down the [MEMORY] button and press the [HARMONY] pedal.

The [MEMORY] button and [HARMONY] pedal are lit red; the VE-8 is in system setting mode.



2. Press the [MEMORY] button to select a parameter (refer to table).

MEMO

To return to the previous parameter, hold down the [EXIT] button and press the [MEMORY] button.

3. Use the [?] [=] buttons to select a value.

4. Press the [EXIT] button to exit settings mode.

Parameter	Value	Explanation
External Footswitch Setting		
C1 (C1) C2 (C2)		Specifies the functions of the external footswitch (C1, C2) connected to the MEMORY▲▼ jack. ➡ "Connecting a Footswitch" (p. 6)
	1	MEMORY ▲ (C1: default)
	2	MEMORY ▼ (C2: default)
	3	LOOP STOP (HOLD: CLEAR)
	4	LOOPER SOURCE
	5	GUITAR ACOUSTIC RESONANCE SW
	6	GUITAR CHORUS (EFFECT) SW
	7	GUITAR REVERB SW
	8	VOCAL ENHANCE SW
	9	VOCAL HARMONY (EFFECT) SW
	10	VOCAL REVERB SW
	11	KEY UP
	12	KEY DOWN
	13	MEMORY/MANUAL
	14	TAP TEMPO
	15	TUNER ON/OFF
Pedal Setting		
1M (C1 Mode) 2M (C2 Mode) CP (CHORUS) hP (HARMONY)		Specifies how pedals behave when pressed.
	1	**MOMENTARY** The effect turns on only while the pedal is pressed.
	2	**TOGGLE** The effect switches with each press of the pedal (default).
MEMORY Pedal Hold Setting		
MP (MEMORY Pedal)		With the default setting, tuner or bypass is selected when you long-press a MEMORY ▲▼ pedal, but you can change this so that memory numbers are consecutively switched instead.
	0	TUNER, BYPASS (default)
	1	Memory numbers are switched consecutively
Looper Setting		
LP (LOOP)		Specifies the switching order of the Looper.
	1	REC → PLAY → DUB (default)
	2	REC → DUB → PLAY
NOTCH/PHASE Setting		
nP (NOTCH/PHASE)		If you want the NOTCH/PHASE setting to be maintained even after switching memories, choose the "2 (SYSTEM)" setting.
	1	MEMORY (default)
	2	SYSTEM
Startup Mode		
SM (Startup Mode)		Selects the mode at power-on.
	1	MANUAL MODE (default)
	2	MEMORY MODE
	3	MEMORY STOMP MODE
Auto Off Setting		
Ao (Auto Off)		With the factory settings, the VE-8 will automatically be switched off 10 hours after you stop playing or operating the unit. * If you don't want the unit to turn off automatically, change this setting to "0" (OFF).
	0	The power will not turn off automatically.
	1	The power will automatically turn off when 10 hours. (default)

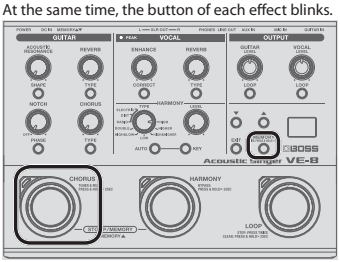
Stomp Pedal Setting

For each memory, you can specify which effect turns on/off when you press a pedal in Manual mode or Stomp mode (p. 7).

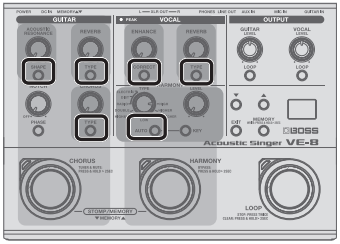
1. Hold down the [MEMORY] button and press the [CHORUS] pedal.

The [MEMORY] button and [CHORUS] pedal are lit red; the VE-8 is in stomp pedal setting mode.

At the same time, the button of each effect blinks.



2. For the effect that you want to turn on/off using the stomp pedal, make its button light.



3. Press the [EXIT] button to exit settings mode.

Memory/Stomp mode

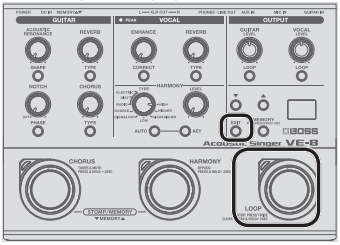
4. Save the setting by following "Saving a Memory" (p. 7) procedure.

EQ/Noise Suppressor Settings

You can adjust the EQ (equalizer) setting as appropriate for the characteristics of your mic and guitar.

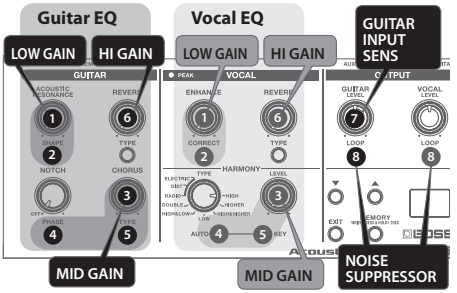
1. Hold down the [EXIT] button and press the [LOOP] pedal.

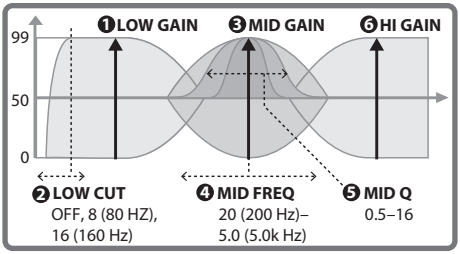
The [LOOP] pedal is lit purple; the VE-8 is in EQ setting mode.



2. Use ❶ – ❽ (See figure below), to set the value.

- Turn the knob to set the value
- Press the button and then use the [▼][▲] buttons to set the value





❼ Guitar Input Sensitivity (0–50–99)

❽ Noise Suppressor (GUITAR/MIC)

Suppresses the noise and hum (0–50).

3. Press the [EXIT] button to exit settings mode.

Returning the EQ Settings to the Default Values

In EQ setting mode, you can hold down the [MEMORY] button and press the [EXIT] button to return the EQ settings to the default values.

Appendices

Main Specifications

BOSS VE-8: Acoustic Singer

Power Supply	AC adaptor, Alkaline battery (AA, LR6) x 6
Current Draw	360 mA
Expected battery life under continuous use	Alkaline battery: Approx. 4.5 hours (phantom power: OFF) Approx. 2.5 hours (phantom power: ON) * These figures will vary depending on the actual conditions of use.
Dimensions	217 (W) × 161 (D) × 65 (H) mm 8-9/16 (W) × 6-3/8 (D) × 2-9/16 (H) inches
Weight	1.3 kg 2 lbs 14 oz
Accessories	Owner's manual, Leaflet "USING THE UNIT SAFELY," AC Adaptor
Options (sold separately)	Footswitch: FS-5U Dual Footswitch: FS-6, FS-7

* In the interest of product improvement, the specifications and/or appearance of this unit are subject to change without prior notice.

USING THE UNIT SAFELY

⚠ WARNING

To completely turn off power to the unit, pull out the plug from the outlet

Even with the power switch turned off, this unit is not completely separated from its main source of power. When the power needs to be completely turned off, turn off the power switch on the unit, then pull out the plug from the outlet. For this reason, the outlet into which you choose to connect the power cord's plug should be one that is within easy reach and readily accessible.

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. 13).

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.

⚠ CAUTION

Precautions concerning use of phantom power supply

Always turn the phantom power off when connecting any device other than condenser microphones that require phantom power. You risk causing damage if you mistakenly supply phantom power to dynamic microphones, audio playback devices, or other devices that don't require such power. Be sure to check the specifications of any microphone you intend to use by referring to the manual that came with it.

(This instrument's phantom power: 48 V DC, 10 mA Max)

IMPORTANT NOTES

Power Supply: Use of Batteries

- If you handle batteries improperly, you risk explosion and fluid leakage. Make sure that you carefully observe all of the items related to batteries that are listed in "USING THE UNIT SAFELY" and "IMPORTANT NOTES" (leaflet "USING THE UNIT SAFELY" and Owner's manual ("USING THE UNIT SAFELY" (p. 15)).
- If operating this unit on batteries, please use alkaline batteries.
- We recommend that you keep batteries installed in the unit even though you'll be powering it with the AC adaptor. That way, you'll be able to continue a performance even if the cord of the AC adaptor gets accidently disconnected from the unit.
- When turning the unit over, be careful so as to protect the buttons and knobs from damage. Also, handle the unit carefully; do not drop it.

Repairs and Data

- Please be aware that all data contained in the unit's memory may be lost when the unit is sent for repairs. Important data should always be written down on paper (when possible). During repairs, due care is taken to avoid the loss of data. However, in certain cases (such as when circuitry related to memory itself is out of order), we regret that it may not be possible to restore the data, and Roland assumes no liability concerning such loss of data.

Additional Precautions

- Please be aware that the contents of memory can be irretrievably lost as a result of a malfunction, or the improper operation of the unit. To protect yourself against the risk of loosing important data, we recommend that important data should always be written down on paper.
- Unfortunately, it may be impossible to restore the contents of data that was stored in the unit's memory once it has been lost. Roland Corporation assumes no liability concerning such loss of data.
- Do not use connection cables that contain a built-in resistor.

Intellectual Property Right

- It is forbidden by law to make an audio recording, video recording, copy or revision of a third party's copyrighted work (musical work, video work, broadcast, live performance, or other work), whether in whole or in part, and distribute, sell, lease, perform, or broadcast it without the permission of the copyright owner. Do not use this product for purposes that could infringe on a copyright held by a third party. We assume no responsibility whatsoever with regard to any infringements of third-party copyrights arising through your use of this product.
- ASIO is a trademark and software of Steinberg Media Technologies GmbH.
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- Roland and BOSS are either registered trademarks or trademarks of Roland Corporation in the United States and/or other countries.
- Company names and product names appearing in this document are registered trademarks or trademarks of their respective owners.

Error Message

Display	Explanation
bt	Batteries are low. Replace them with new ones.

Troubleshooting

Problem	Cause	Action
The display indicates "bt"	Batteries are low. Replace them with new ones.	
Batteries run down quickly	Are you using carbon-zinc batteries?	Use alkaline batteries.
	Could you be using phantom power?	Using phantom power will deplete the batteries more quickly. You might want to use a dynamic mic that does not require phantom power, or use an AC adaptor (p. 2).
No sound/volume is low	Is the output setting correct? Depending on the setting of the XLR jacks and LINE jacks, the guitar/mic sound is not output from the jacks. If "USB Direct Out" is off, sound is not output from the OUTPUT jacks.	Check the "Output Settings" (p. 5).
	Is the other equipment connected correctly?	Check the connections again (p. 3).
	Could the volume or input gain of the connected mixer or recorder be lowered?	Check the settings of the connected device.
Reverb is not output from the OUTPUT jacks	Is the output setting correct?	Check the "If You Don't Want to Send Reverb to the PA" (p. 5).
Mic's volume is low/Sound is distorted	Is the [MIC SENS] knob setting appropriate? If the input level is too high, the PEAK indicator lights red.	Adjust the setting appropriately (p. 2).
	Could the [PHANTOM] switch be set to "OFF?"	If you're using a condenser mic that requires phantom power, set the [PHANTOM] switch to ON (p. 2).
	Is the output from another effects processor connected to the MIC INPUT jack?	Connect your mic directly to the MIC INPUT jack.
Harmony sound with the AUTO setting is wrong (chords are not being detected)	Is the output from another effects processor connected to the GUITAR INPUT jack? If another effect unit is used, it might not be possible to detect chords.	Connect your guitar directly to the GUITAR INPUT jack.