

Main Features

Simply plug in a mic and play your guitar. That's all it takes to add beautiful harmony, resonance, and spaciousness to your singing. The compact body of the VE-2 contains functions such as generating professional-quality harmony in a variety of harmony types, adding echo, improving the consistency of your volume and pitch, and sharpening the definition of your voice, all without any need for complex settings. The VE-2 supports your vocals in any situation, from street live performances to studio recording.

Panel Description

Top panel

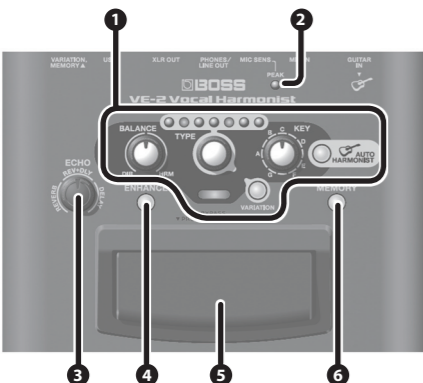
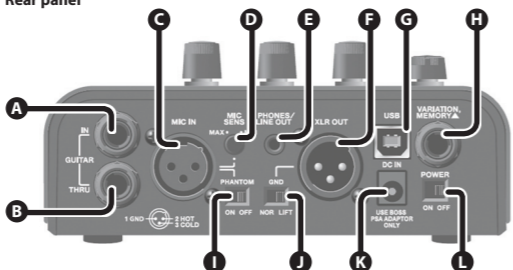


Table with 3 columns: Number, Name, Explanation. It details the HARMONY section, BALANCE knob, TYPE knob, HARMONY TYPE indicator, [VARIATION] button, [KEY] knob, Status indicator, [AUTO HARMONIST] button, PEAK indicator, [ECHO] knob, [ENHANCE] button, Pedal, and [MEMORY] button.

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This product contains eCROS integrated software platform of eSOL Co., Ltd. eCROS is a trademark of eSOL Co., Ltd. in Japan.

Rear panel



This instrument is equipped with balanced (XLR) type jacks. Wiring diagrams for these jacks are shown below. Make connections after first checking the wiring diagrams of other equipment you intend to connect.

Table with 3 columns: Number, Name, Explanation. It details the GUITAR IN jack, GUITAR THRU jack, MIC IN jack, [MIC SENS] knob, PHONES/LINE OUT jack, XLR OUT jack, USB port, VARIATION, MEMORY jack, [PHANTOM] switch, [GND] switch, DC IN jack, and [POWER] switch.

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.

Handle batteries carefully

- If used improperly, you risk the dangers of fluid leakage, overheating, combustion, explosion, etc. Carefully observe the following:
- Do not heat, disassemble, or toss them into a fire or water.
- Do not expose them to sunlight, flame, or any other source of extreme heat.
- Do not attempt to charge a dry cell battery.
- When using a rechargeable battery and a charger, make sure to use only the combination of rechargeable battery and charger that has been specified by the battery manufacturer.

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.

IMPORTANT NOTES

Power Supply: Use of Batteries

- The use of an AC adaptor is recommended as the unit's power consumption is relatively high.
If operating this unit on batteries, please use the alkaline batteries, rechargeable Ni-MH batteries, or if operating this unit on batteries, please disconnect the AC adaptor from this unit.
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 accidentally disconnected from the unit.
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).
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

- 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.

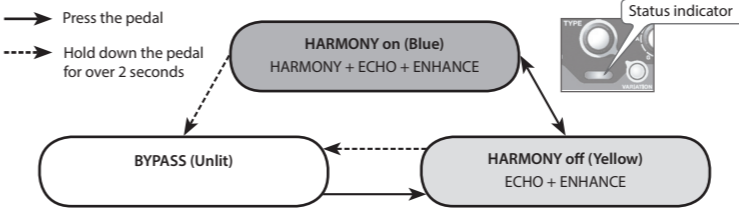
Turning the Power On/Off

Once everything is properly connected, be sure to follow the procedure below to turn on their power. If you turn on equipment in the wrong order, you risk causing malfunction or equipment failure.

- Turn on the power of the VE-2.
- If you're using batteries, install four AA batteries, taking care that their polarity is correct.
- Even with the volume turned down, you might hear some sound when switching the unit on/off. However, this is normal and does not indicate a malfunction.
- This unit is equipped with a protection circuit. A brief interval (a few seconds) after turning the unit on is required before it will operate normally.
2. Power-on any equipment that is connected to the PHONES/LINE OUT jack or the XLR OUT jack.
- When turning the power off, minimize the volume of all devices connected to the VE-2, turn off their power, and finally turn off the power of the VE-2.
- To prevent malfunction and equipment failure, always turn down the volume, and turn off all the units before making any connections.

Turning the Harmony On/Off and Status indicator

When harmony is turned on, the settings of the HARMONY section, the [ECHO] knob, and the [ENHANCE] button are used; when harmony is turned off, the settings of the [ECHO] knob and the [ENHANCE] button are used. If you want to hear the sound that is being input from the mic (the direct sound), select the BYPASS setting. The status indicators show the harmony on/off and BYPASS status.



Adding Harmony

- Connect a mic to the MIC IN jack.
- If you're using a condenser mic, turn the [PHANTOM] switch "ON."
2. Press the pedal to make the status indicator light blue.
3. If you're using a guitar, connect your guitar to the GUITAR IN jack.
- When you connect a guitar to the GUITAR IN jack, AUTO HARMONIST automatically turns on.
4. Press the pedal to make the status indicator light blue.
5. Specify the harmony type and balance as described in "Harmony Settings."
- If you did not connect a guitar in step 3, you should also specify the key.
6. While playing your guitar, vocalize into the mic.
- Your vocalization is output with added harmony.

- Acoustic feedback could be produced depending on the location of microphones relative to speakers. This can be remedied by:
- Changing the orientation of the microphone(s)
- Relocating microphone(s) at a greater distance from speakers.
- Lowering volume levels with [MIC SENS] knob.

Harmony Settings

Use the [TYPE], [KEY], and [BALANCE] knobs and buttons to adjust the harmony.

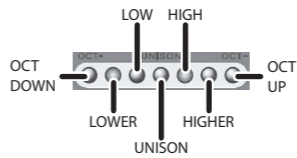
Selecting the harmony

Use the [TYPE] knob to select the type of harmony. Depending on the type, harmony notes of different pitches are added to your voice.

Table with 4 columns: Order of changing, TYPE, Order of changing, TYPE, Order of changing, TYPE, Order of changing, TYPE. It lists harmony types like UNISON, HIGH & HIGHER, LOW & HIGHER, etc.

TYPE indication

The HARMONY indicators light according to the type of harmony that's selected by the TYPE knob.



Specifying the key of your song

Use the [KEY] knob to specify the key of the song that you're singing, referring to "Song key and key signature" as necessary.

Example of song key and key signature: Major C, F, Bb, Eb, A, D; Minor Am, Dm, Gm, Cm, Fm, Bbm. Includes musical notation for the key signature.

(Example) If you're singing a song in A minor, set the [KEY] knob to "C," which is the relative key.



Adjusting the balance between the vocal and the harmony

Use the [BALANCE] knob to adjust the balance between the vocal (direct sound) and the harmony.

Switching or Saving the Knob and Button Settings (MEMORY Function)

You can save three sets of the VE-2's knob and button settings, and switch between them as your song progresses.

Switching Memories

You can switch memories by pressing the [MEMORY] button or the pedal.

Using the [MEMORY] button to switch memories

Press the [MEMORY] button to select the desired memory (color).

Table with 2 columns: Memory, Button. A: Red, B: Orange, C: Green, Normal: Unlit.

Using the pedal to switch memories

- Hold down the pedal for two seconds or longer to BYPASS the VE-2.

- Hold down the pedal once again.

The [MEMORY] button blinks slowly, alternating through memories A-C at intervals of one second.

- When the [MEMORY] button reaches the color of the desired memory, take your foot off the pedal.

The [MEMORY] button lights, and the corresponding memory is selected.

Saving a Memory

- Long-press the [MEMORY] button.

The button blinks slowly.

- Press the [MEMORY] button to specify the destination memory (color) in which you want to save the settings.

The button blinking rapidly, and then remains lit.

- Once again, long-press the [MEMORY] button to save the settings.

The button blinking rapidly, and then remains lit.

*The [MEMORY] button blinks if you modify the settings of a saved memory. If you want to save the modified settings, save the memory as described in "Saving a Memory."

* Any data stored within the unit can be lost as the result of equipment failure, incorrect operation, etc.

* Roland assumes no liability concerning the restoration of any stored content that has been lost.

Connecting the VE-2 to a Computer

If you use a commercially available USB 2.0 cable to connect the VE-2 to your computer, you'll be able to do the following.

- Audio from a mic connected to the VE-2, together with harmony, can be recorded into the computer (NORMAL mode).
- The audio input from the guitar cannot be recorded into the computer.
- Audio from a mic connected to the VE-2, together with harmony, can be mixed with audio playback from the computer, and re-recorded or streamed on the computer (LOOP BACK mode).
- The VE-2 can apply harmony to the audio playback from the computer, and output the result (INPUT mode).

*You must install the USB driver before connecting the VE-2 to your computer.

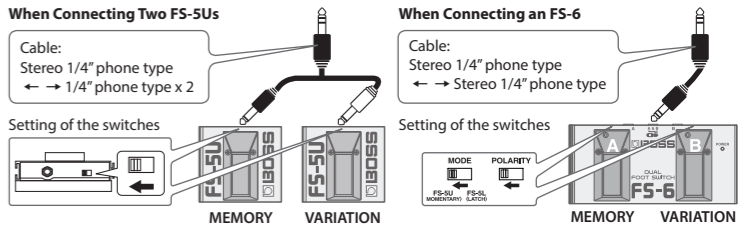
Download the USB driver from the Roland website. For details, refer to Readme.htm which is included in the download.

➔ http://www.roland.com/support/

Connecting a Footswitch

If a footswitch (FS-5U x 2, FS-6: sold separately) is connected to the VARIATION, MEMORY jack, you can use the footswitch to turn the [VARIATION] button on/off or to switch memories.

- If you've connected a single FS-5U, you can use it to turn VARIATION on/off. You'll need a 1/4" phone plug cable.



Settings of the VE-2

Sleep function

If ten hours elapse without any pedal or knob being operated, or any input to the INPUT jack, the VE-2 will enter Sleep mode (power conservation state: only the sound of the GUITAR THRU jack is output). If you operate the pedal while the VE-2 is in Sleep mode, it will return to normal operation.

Pedal operation (Harmony on/off)

You can specify how the pedal will operate when turning harmony on/off.
*If the VE-2's pedal is set to MOMENTARY operation, you can't use the pedal to turn BYPASS on/off or to switch memories. However, you can use a footswitch to switch memories using either the LATCH or the MOMENTARY setting.

USB connection mode

You can specify how the unit will operate when connected to a computer via a USB cable.

Standard pitch setting

Specify the standard pitch to match the tuning of your guitar.

Setting Procedure

To change a function or setting of the VE-2, turn on the power while long-pressing the corresponding button, and then change the setting.

Table with 6 columns: Setting to be changed, Button to hold down at power-on, Change/Finalize, Parameters, Button status, Default settings. It details settings for Sleep function, Pedal operation, USB connection mode, and Standard pitch setting.

Main Specifications BOSS VE-2: Vocal Harmonist

Table with 2 columns: Specification, Details. It lists Power Supply, Current Draw, Expected battery life under continuous use, Dimensions, Weight, and Accessories.

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

DECLARATION OF CONFORMITY Compliance Information Statement

Model Name : VE-2
Type of Equipment : Signal Processor
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