

Chapter 2 Basic Operation

The explanations in this manual include illustrations that depict what the display typically shows. Note, however, your unit may incorporate a newer, enhanced version of the system software, so what you actually see in the display may not always match what appears in the manual.

I. Before You Begin

A. Turning On the Power

** Once the connections have been completed (Quick Start p. 3), turn on power to your various devices in the order specified. By turning on devices in the wrong order, you risk causing malfunction and or damage to speakers and other devices.*

** Always make sure to have the volume level turned down before switching on the power. Even with the volume all the way down, you may still hear some sound when the power is switched on, but this is normal and does not indicate a malfunction.*

1. Turn on the power with the POWER switch on the rear panel of the VS-1680. When the VS-1680 starts up properly, the following display will appear.

Graphic p 31 Left Column

**When you turn on the power of the VS-1680, the drive must be recognized and certain required data must be loaded. Thus, it takes a moment for the unit to finish booting up.*

2. Turn on the power of connected audio equipment.
3. Raise the volume of the audio devices to appropriate levels.

B. If You Have trouble Understanding Displays or Operation

If you are unfamiliar with what is displayed on a screen, or you find you are having difficulty understanding a certain procedure, press [PLAY(DISPLAY)]. This allows you to return immediately to the screen that appears when the power is turned on. Try whatever procedure you were working on from the beginning once more.

- If you perform an operation incorrectly or it cannot be executed correctly, **an error message appears in the display**. When this occurs, refer to "Error Messages" (Appendices p. 13), and perform the specified measure.
- If even after you perform an operation using the prescribed procedure, the result differs from that stated in the Quick Start or Owner's Manual, refer to "Troubleshooting" (Appendices p. 6).
- If the above steps do not resolve your problem, contact a nearby Roland Service Center or authorized Roland distributor.

II. Operating The VS-1680

The VS-1680 features a wide variety of abilities and settings. These are organized by type, function, operation, etc. The major functional grouping within a song is referred to as a **condition**. A list of the different conditions is described below.

Playlist Condition:	The default condition for recording and playback. The VS-1680 defaults to the Play Condition whenever the power is turned on.
Input Mixer Condition:	Used to make all input mixer settings and adjustments.
Track Mixer Condition:	Used to make all track mixer settings and adjustments.
Master Block Condition:	Used to make settings for the mixer's Master section.
Song Condition:	Used to make settings related to song maintenance and organization.
Track Condition:	Used to make all track and phrase edits such as Cut, Erase, Copy, etc.
Effect Condition:	Used to make changes and edits to the optional internal Effects.
System Condition:	Used to make overall system settings. These settings will affect the entire operational environment.
Utility Condition:	Used for other miscellaneous operations, including those relating to the internal hard drive, as well as external SCSI devices.

III. Basic Navigation

Here is a general explanation of some of the buttons used while operating and changing settings in the VS-1680.

A. FUNCTION Buttons

The function buttons are used for switching the display screen, executing an operation, changing settings, etc. The function assigned to a function button is displayed directly above it in the LCD. White characters on a black background denote screen switching functions, and black characters on a white background are used for changing settings and executing operations.

Some screens have more than six functions, and these multiple functions are composed of a number of pages. These screens will indicate **page boxes** and **page marks**. The number of ■/ □ indicates the total number of pages, with the currently selected page indicated by ■. To switch the display screen to the next group of functions, press [PAGE].

Graphic middle of p 34.

B. The [SHIFT] button

Press and hold [SHIFT] whenever you want to use a command indicated on the VS-1680 by a white outline box with white lettering, for example, SONG END. To locate to the end of your song, hold [SHIFT] and press [FF] simultaneously. You can immediately enter each of the six different operating conditions by holding SHIFT and pressing the appropriate function button as labeled, such as [SHIFT] and [F2] to enter the Track Condition. Other [SHIFT] commands are labeled on the VS-1680.

Graphic bottom of page 34

C. The [SELECT] buttons

Press [SELECT] for either an Input, a Track, or an Effect Return to view its mixer settings. For example, press Track 3 [SELECT] to see all mixer settings for Track 3. Once in this screen, use one of two ways to move around: You can use either the CURSOR buttons located above the TIME / VALUE dial, or you can use the FUNCTION buttons.

D. The CURSOR buttons

Use [←], [→], [↑], and [↓] to move the cursor to the setting you want to change. For example, press Track 8 [SELECT]. Press [→] to move the cursor to the PAN setting. Use [←] and [↓] to move the cursor to the Effects One switch. You may also use the **FUNCTION**

buttons to instantly jump to a setting. The label for each of the FUNCTION buttons appears along the bottom of the display. Press [F1(PAN)] to move the cursor instantly to the PAN setting. Press [F5 (V.Trk)] to move the cursor directly to the V-track section.

Graphic page 35 upper right corner

E. The [PAGE] button

Sometimes more than six functions are available for a particular condition. If you are looking for a specific function name but it does not appear in the display, press [PAGE]. Some screens will show page boxes and page marks. The number of boxes in the upper right corner of the display indicates the total number pages, and the currently selected page will be blackened. Each time you press [PAGE], different commands appear above each of the Function buttons. Press [PAGE] until the function label appears in the display.

Graphic top left of page 35

F. The TIME / VALUE dial

Use the TIME / VALUE dial to change a value inside the display. Rotating the TIME / VALUE dial counterclockwise decreases a value, rotating clockwise increases it. Increases and decreases are usually in single increment steps. If you hold SHIFT and rotate the dial, values will increase or decrease by ten times (or one tenth) the normal rate, depending on the parameter.

Graphic page 35 lower right corner

Most value changes can be made while the VS-1680 is playing. However, you must first press [STOP] before changing Virtual Tracks and before changing mixer Scenes.

G. [ENTER(YES)]

If [ENTER(YES)] is blinking, press it to view more information. For example, when making changes to the EQ of a track, press the blinking [ENTER] button to see the pop-up EQ curve.

H. [PLAY(DISPLAY)]

Press [PLAY(DISPLAY)] to return to the playlist display. Anytime you are in the middle of making a setting, and you want to get back to the playlist display, just press [PLAY(DISPLAY)]. It also helps to think of [PLAY(DISPLAY)] as an “escape” button.

Graphic tba

I. Execute the Operation

Use [F4 (Exec)] to execute an operation. In some cases, while changing a value, creating a new song, or selecting a different song, you must first press [F4 (Exec)]. A confirmation message will appear in the display. When the message appears, press [ENTER]. If you want to cancel the operation, press [EXIT].

IV. Setting the Internal Clock

The VS-1680 features an internal clock. When you record a performance, a time stamp consisting of **the time, day, and month of recording** is entered automatically. This allows you to organize recordings by day, time and order. Use the following procedure to set the time and date in your VS-1680.

** The internal clock is battery-powered. Once you set this, the values are remembered each time you turn the VS-1680 off. However, if for any reason the time setting is ever in error, use the same steps to reset the clock.*

1. Hold [SHIFT] and press [F5 (SYSTEM)]. The System menu icon appears. If the System menu icon does not appear, press [F6(EXIT)].
2. Press [F2(DATE)]. If "DATE" does not appear above [F2], first press [PAGE] until "DATE" appears above [F2], then press [F2(DATE)].
3. Press [↵],[⇨],[⇧], and [⇩], to move the cursor and use the TIME / VALUE dial to change the values for each setting.

Graphic page 32 left column.

Date Edit

This sets the date - year, month, and day - in the Western Format.

Date Format

This selects the way the date is displayed.

mm/dd/yyyy: Month/Day/Year
dd/mm/yyyy: Day/Month/Year
yyyy/mm/dd: Year/Month/Day
MMM.dd'YY: Month/Day/Year
dd MMM 'YY: Day/Month/Year

Time Edit

This sets the current time displayed in a 24-hour format.

[F4 (Set)]: Sets the date and time.
[F5 (Alarm)]: Sets the alarm function (p. xx)
(F6 (EXIT)): Exits the screen without setting the date and time.

4. After changing the date and time values, press [F4(Set)] to set it. The set time becomes effective immediately.
5. Press [PLAY(DISPLAY)] to return to the Playlist display.

V. Before You Finish

A. Saving Your Song

Use the Shutdown procedure before turning the power off. If you just turn the power off without using Shutdown, song data recorded or edited will be lost. When you switch songs or change drives, a message will ask to confirm whether the currently selected song should be saved. Also, the contents of a recorded song can be lost due to unforeseen accidents, such as a power failure or power outage. **Once lost, the contents of a recorded song cannot be restored to the previous condition.** To prevent this from happening, use the following procedure to save your songs on the drive.

? Current Song (Appendices p. 63)

** When handling important song data, or when using the VS-1680 for extended periods, we strongly recommend you use the Song Store procedure frequently.*

1. Hold [SHIFT] and press [ZERO/(STORE)].
2. "STORE OK?" appears in the display. Press [YES]. If the song is saved properly, the Playlist display reappears. If you wish to cancel the STORE command, press [NO].

B. If "STORE Current ?" is Displayed

When you begin various operations such as selecting a different song or shutting down, the message "STORE Current ?" is displayed. This message asks whether you wish to save the currently selected song, or any edits or changes recently made to the current song, to the drive. If you wish to save the song, press [YES]. If you want to proceed with the shutdown

without saving the song, press [NO]. If you press [YES] in response to the “STORE Current ?” message when Song Protect is on, or when you have selected a demo song, the message “Song Protected” is displayed, and you will be unable to save any changes or edits you made to the song. Before editing a song, turn Song Protect off (p.xx). Otherwise, press [NO].

C. Turning Off the Power

The contents of any recorded song will be lost if you simply turn the power off. This may also result in damage to the hard drive. To safely turn off the power and be sure your recorded performances are saved, **always follow the shutdown procedure when you finish working with the VS-1680.**

? Shutdown (Appendices p. 64)

1. Hold [SHIFT] and press [STOP(SHUT/EJECT)].
2. “SHUTDOWN / EJECT?” appears in the display. Press [YES].
3. “STORE Current?” appears in the display. If you wish to save the current song, press [YES]. If you do not want to save it, or if you don’t want to save any changes to the song since the last time you turned on the VS-1680, press [NO]. **If you have selected a demo song, press [NO] at the “STORE Current?” prompt.**
4. When shut down has been completed properly, “PowerOFF/RESTART” appears in the display.
5. Turn down the volume of your audio equipment.
6. Turn off the power of the audio equipment.
7. Turn off the power of the VS-1680 with the POWER switch on the rear panel.

** After the power is turned off, the momentum of the hard drive may cause it to continue spinning for a short while. Any physical shock to the unit during this time may damage the hard drive. Avoid moving the VS-1680 with a hard drive installed for at least 30 seconds after turning off the power.*

D. Restarting

You can restart the VS-1680 without turning off the rear panel POWER switch.

1. Perform the Shutdown procedure as described in “Turning Off The Power” (p.xx)
2. Make sure “PowerOFF/RESTART” appears in the display.
3. Hold [SHIFT] and press [PLAY(RESTART)].

This restarts the VS-1680.