
It's a Fact...

The Roland VS-2480DVD Digital Studio Workstation is a self-contained 24-track/24-bit/96kHz recorder with onboard effects, DVD/CD multi-drive and 80GB hard drive.

- 16-track simultaneous recording with 384 Virtual Tracks
- 64-channel, fully automated digital mixer with 17 motorized faders
- VGA monitor output for intuitive, software-style “drag-and-drop” editing with included mouse
- Professional-quality connections including 8 XLR/16 balanced TRS inputs
- 2 stereo effects—expandable to 8—including COSM® Mic, Speaker, and Guitar Amp Modeling, plus Mastering Tool Kit
- Third-party plug-ins with optional VS8F-3 Effect Expansion Board
- Dual 8-channel R-BUS ports for expandable I/O in a variety of analog and digital formats
- SMPTE and Word Clock input
- 24-voice Phrase Pads for triggering and arranging samples
- Import .WAV/AIFF files direct from CD-ROM; export files in .WAV format to CD-ROM
- CD Capture function for importing audio from CD

Connecting the VGA Monitor

Any VGA monitor will work with the VS-2480DVD. To set up your monitor, use the following procedure.

1. Connect the VGA cable from the monitor to the VS-2480DVD's VGA OUT jack.
2. Turn on the monitor, and then the VS-2480DVD.
3. Press the VS-2480DVD's UTILITY button.
4. Press F1 (SYSTEM), and then F2 (Param2).
5. Use the CURSOR buttons and the TIME/VALUE dial to set VGA OUT to ON.
6. CURSOR to the REFRESH RATE box and slowly turn the TIME/VALUE dial until the picture is displayed correctly on the VGA monitor.
7. To use your mouse on the VS-2480DVD's internal LCD, set OPERATION TARGET to LCD, or set it to VGA to work on your external monitor.

Loading and Playing the Demo Song

Use the following procedure to load and play back the VS-2480DVD demo song using the built-in LCD.

1. Press PROJECT—the project list appears, listing your hard drive partitions and their contents.
2. Press ▼ or ▲ to select What You Don't Know.
3. Press F6 (MARK) to checkmark the project.
4. Press F1 (SELECT)—“Select Project, Sure?” is displayed. Press ENTER/YES. If “Store Current?” or “Re-Load Current?” appears, press ENTER/YES.
5. Once the project is loaded, press PLAY to start the song, and STOP to end playback.
6. Press ZERO to return to the top of the song.

Note: During playback, you can press TR 1-16 or TR 17-24 and move the faders to adjust the listening level of the individual tracks in the project.

Recording a Song

Here's how to record audio onto Track 1 using the built-in LCD.

Create a New Project

1. Press PROJECT.
2. Press F2 (NEW)—the default setting for the SAMPLE RATE is 44.1k, and the RECORDING MODE is MTP. We recommend using the default settings when creating a new project.
3. Press F5 (OK)—“Create New Project, Sure?” is displayed. Press ENTER/YES.

Note: If “Store Current?” appears, press ENTER/YES to save changes to the currently loaded project before the new one is created.

Adjust Input Levels

1. Connect a dynamic microphone to either the XLR or the 1/4" INPUT 1 jack.
2. Press the IN 1-16 button so it lights.
3. Raise the Input 1 fader to 0db.
4. Press F1 (INPUT) on the main display to view the input meter.
5. While speaking or singing into the mic, adjust the input SENS knob beneath the INPUT 1 jacks so that the displayed level is between -4 and -12.

Record Your Performance

1. Press the TR 1-16 button.
2. To select and arm Track 1, press the TRACK STATUS Button 1 until it flashes red.

3. Raise Track 1's fader to find a comfortable listening level.
4. Press REC—the light above REC flashes red to indicate that the VS-2480DVD is ready to record.
5. Press PLAY—REC and TRACK STATUS Button 1 light solid red to show you've begun recording.
6. Press STOP when you're done recording.
7. Press ZERO to return to the beginning of the project. Press PLAY to listen to the track and, if necessary, adjust Track 1's listening level again.

Add Reverb to a Recorded Track

Use the following procedure to listen to Track 1 with reverb added:

1. Press the EFFECT button.
2. Press F1 (FX1) and then press F1 (PATCH).
3. Highlight "P046 RV: Vocal Plt" and press F5 (SELECT) to confirm your choice.
4. Press CH EDIT for Track 1.
5. Highlight "dB" in the AUX 1 box.
6. Press TRACK STATUS 1 until it lights green, and then PLAY to play back Track 1.
7. Turn the TIME/VALUE dial to set the AUX 1 value to -9 dB—the higher the value, the more reverb you'll hear.
8. Press HOME (DISPLAY) to return to the main screen.

Mastering and CD-R Write

Once you've finished recording a project, you'll mix your song in stereo onto two "mastering tracks." The VS-2480DVD provides the Mastering Room for this purpose.

Mixing in the Mastering Room

1. Press CD-RW MASTERING, and then F1 (Mstrng) to enter the Mastering Room.
2. Set MASTERING ROOM to On.
3. Set STATUS to REC.
4. The V.Track setting shows the Virtual Tracks on which your mastering tracks are to be recorded and then burned onto a CD. By default, V.Track is set to 23/24-16—Tracks 23 and 24, Virtual Track 16.
5. Press REC, and then press PLAY to begin the mixdown. When the song is finished, press STOP.
6. Change STATUS to PLAY and press ZERO.
7. Press PLAY to listen to your mastering tracks.

Burning a CD

1. Press the CD-RW MASTERING button.
2. Press F2 (CDWrit). "Store Current?" is displayed. Press ENTER/YES.
3. Insert a blank CD-R and press ENTER/YES.
4. Select 23-16:V.T23-16 and 24-16:V.T24-16 as L-Ch SOURCE TRACK and R-Ch SOURCE TRACK, respectively.
5. Set WRITE METHOD to Disc at Once.
6. Set CD SPEED to X4.
7. Press F5 (OK). "CD Track No. OK?" is displayed. Press YES three times to start burning the CD.

Note: When the VS-2480DVD finishes burning the CD, it asks "Write Another?" and the CD is ejected. If you wish to burn another copy of the song, replace the CD with a blank and press ENTER/YES.

CD Capture

CD Capture allows the VS-2480DVD to extract songs from an audio CD and place them on two tracks in the currently loaded project.

1. Press CD-RW MASTERING. Press the PAGE button once and then press F1 (CDCapt).
2. Insert the audio CD and press ENTER/YES. Select the desired track in the CD TRACK box.
3. Set L-CH DESTINATION TRACK to the track on which you wish to place the CD's song—R-CH DESTINATION TRACK is automatically set to the next-highest track.
4. Press F5 (OK) followed by ENTER/YES twice to capture the CD audio to the selected tracks.

Note: To import multiple songs to the same track, repeat these steps. For the first song, dial in "to zero" as the CAPTURE TO value. For the remaining songs, dial in "to last phrase: 2 s" as the CAPTURE TO value.