

Mackie DL32SE

Mackie DL32SE 32-Channel Digital Rack Mixer

Instruction Manual

1. OVERVIEW

The Mackie DL32SE is a 32-channel digital rack mixer designed for professional audio applications. It integrates powerful DSP, renowned Onyx+ mic preamps, and robust construction for reliable performance in various environments. The DL32SE connects to your wireless router, enabling total control from anywhere via the intuitive Master Fader SE app. It also features a built-in 32x32 USB recording interface for versatile recording and playback capabilities.

Key features include:

- 32 input channels with Onyx+ preamps, including 16 XLR and 16 combo inputs (2 with Hi-Z).
- 10 separate line-level XLR outputs for flexible routing.
- Wireless control via Master Fader SE app on iOS, Android, MacOS, and Windows.
- Built-in 32x32 USB audio interface for multitrack recording and virtual soundchecks.
- Professional mixing essentials on each input and output: EQ, compressor, filters, RTA/Spectrograph.
- 4 stereo FX processors with dedicated sends/returns for studio-quality effects.

2. SETUP

2.1 Unpacking and Initial Inspection

Carefully remove the DL32SE from its packaging. Inspect the unit for any signs of damage that may have occurred during shipping. Retain all packaging materials for future transport or storage.

2.2 Physical Connections

The DL32SE offers a comprehensive array of input and output connections. Ensure all cables are securely connected.



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| <p>1 USB AUDIO INTERFACE (32×32)</p> <p>2 ETHERNET (CONNECT TO WIRELESS ROUTER)</p> <p>3 16 ONYX+ XLR INPUTS</p> <p>4 14 ONYX+ COMBO INPUTS</p> | <p>5 2 ONYX+ COMBO INPUTS WITH HI-Z</p> <p>6 HEADPHONE OUTPUT</p> <p>7 HEADPHONE LEVEL CONTROL</p> <p>8 10 XLR OUTPUTS</p> |
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Figure 1: Rear panel connections of the Mackie DL32SE. This image illustrates the USB audio interface, Ethernet port for wireless router connection, 16 Onyx+ XLR inputs, 14 Onyx+ combo inputs, headphone output, headphone level control, and 10 XLR outputs.

- **Power:** Connect the included power cable to the AC input on the rear panel and to a suitable power outlet.
- **Inputs:** Connect microphones and line-level instruments to the 32 input channels. Channels 1-16 are XLR, and channels 17-32 are combo jacks, with channels 17-18 offering Hi-Z input for passive instruments.
- **Outputs:** Connect your main PA system, monitors, or other audio devices to the 10 XLR outputs.
- **USB Audio Interface:** Connect a USB 2.0 cable from the DL32SE to your computer for 32x32 multitrack recording and playback.
- **Wireless Router:** Connect an Ethernet cable from the DL32SE's Ethernet port to your wireless router for remote control via the Master Fader SE app.



Figure 2: The Mackie DL16SE, a similar digital rack mixer, highlighting its compact and robust design suitable for stage or studio use.

2.3 App Installation (Master Fader SE)

Download the Master Fader SE app from your device's app store (iOS, Android) or from the Mackie website (MacOS, Windows). Follow the on-screen instructions to install the app.

3. OPERATING

3.1 Connecting to the Master Fader SE App

Once the DL32SE is powered on and connected to your wireless router, open the Master Fader SE app on your control device. The app should automatically detect the DL32SE on the network. Select your mixer to establish a connection.

BUILT-IN USB AUDIO INTERFACE

WITH 16×16 MULTITRACK RECORDING



Figure 3: The Master Fader SE app interface, demonstrating wireless control over mixing parameters from a tablet.

3.2 Basic Mixing Functions

The Master Fader SE app provides a visual representation of your mixer. You can adjust channel levels, pan, mute, and solo inputs. Access individual channel processing (EQ, compression, gates) by selecting the desired channel.

4 STEREO FX PROCESSORS



PLUS CHANNEL EQS, COMPRESSORS, FILTERS & MORE

Figure 4: Detailed view of the Master Fader SE app, illustrating the 4 stereo FX processors and channel-specific EQ, compressors, and filters.

3.3 Advanced DSP and Effects

The DL32SE is equipped with powerful DSP capabilities. Each input and output channel features a 4-band parametric EQ, compressor, gate, and RTA/Spectrograph. Utilize the 4 stereo FX processors for reverbs, delays, chorus, and tremolo, routing them via dedicated sends and returns.

3.4 USB Recording and Playback

The built-in 32x32 USB audio interface allows for multitrack recording directly to a connected computer. This feature is ideal for capturing live performances, playing backing tracks, or conducting virtual soundchecks. Refer to your Digital Audio Workstation (DAW) software manual for specific recording and playback setup instructions.

4. MAINTENANCE

To ensure the longevity and optimal performance of your Mackie DL32SE, follow these maintenance guidelines:

- **Cleaning:** Regularly wipe the exterior with a soft, dry cloth. Avoid using abrasive cleaners or solvents.
- **Ventilation:** Ensure proper airflow around the unit. Do not block ventilation openings.
- **Storage:** When not in use for extended periods, store the mixer in a cool, dry place, preferably in its original packaging or a protective case.
- **Firmware Updates:** Periodically check the Mackie website for firmware updates. Keeping your mixer's firmware up-to-date ensures access to the latest features and performance enhancements.

5. TROUBLESHOOTING

If you encounter issues with your DL32SE, refer to the following common troubleshooting steps:

- **No Power:** Ensure the power cable is securely connected to both the mixer and a working power outlet. Check the power switch on the rear panel.
- **No Audio Output:** Verify that input channels are not muted or soloed. Check main output levels and ensure your PA system or monitors are powered on and connected correctly.
- **Wireless Connectivity Issues:** Ensure your wireless router is functioning correctly and the DL32SE is connected via Ethernet. Check that your control device is connected to the same Wi-Fi network as the router. Restarting the router, mixer, and control device can often resolve connectivity problems.
- **Digital Glitches/Noise:** Ensure all cables are in good condition and properly seated. Check for firmware updates, as outdated firmware can sometimes cause digital audio anomalies.
- **App Not Detecting Mixer:** Confirm the mixer and control device are on the same network. Disable and re-enable Wi-Fi on your control device, or restart the Master Fader SE app.

6. SPECIFICATIONS

Feature	Specification
Brand	Mackie
Model Number	2056891-00
Number of Channels	32
Connectivity Technology	Wi-Fi
Product Dimensions	5.8"D x 17.6"W x 7.3"H
Item Weight	8.8 Pounds
Power Source	Corded Electric
Output Connector Type	Headphone, XLR
Audio Input	XLR
UPC	810128261227

7. WARRANTY AND SUPPORT

7.1 Warranty Information

The Mackie DL32SE comes with a 1-year limited warranty. Please retain your proof of purchase for warranty claims. For detailed warranty terms and conditions, visit the official Mackie website or contact customer support.

7.2 Customer Support

For technical assistance, product registration, or additional support, please visit the [Mackie Store on Amazon](#) or the official Mackie website. You can also find FAQs, software downloads, and additional resources online.