

# Mackie DL32S Specs

## Mixer

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Number of Analog Input Channels 32

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Number of Analog Output Channels 10

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Max I/O Capacity **32 x** Input / **12 x** Output

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Number of Mic Preamps 32

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Faders *None*

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Mix Routing **8 x** Stereo Aux Send  
**6 x** Subgroup

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Groups **6 x** VCA Group  
**6 x** Mute Group

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## Signal Processing

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Gain/Trim Range **Mic:**  
0 dB to 60 dB (in 3 dB Steps)  
**Line:**  
-20 dB to 40 dB (in 3 dB Steps)

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Dynamic Processing

**Input Channels:**  
Compressor, Gate  
**Buses, Master:**  
Compressor, Limiter

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EQ

**Input Channels:**  
4-Band Parametric  
**Output Buses:**  
4-Band Parametric  
31-Band Graphic

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Graphic EQ

31-Band

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Filters

High-Pass  
**Outputs:**  
High-Pass  
Low-Pass

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Internal Effects

**4 x** Stereo Preset (Factory)

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## Digital Audio

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Sample Rates

48 kHz  
**Multitrack Record:**  
48 kHz  
**Audio Streaming:**  
48 kHz

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Bit Depth

**AD/DA Conversion:**  
24-Bit  
**Record:**  
16 / 24-Bit  
**Audio Streaming:**  
16 / 24-Bit

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Latency

1.5 ms (Analog Input to Analog)

Output)

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## Performance

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dBFS Reference Level +22 dBu = 0 dBFS

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Frequency Response 20 Hz to 20 kHz -1 dB

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Max Input Level **XLR Input:**  
+21 dBu  
**1/4" Input:**  
+30 dBu

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Output Level **Headphone Output:**  
+18 dBu (Max)  
**Output:**  
+21 dBu (Max)

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Analog Dynamic Range **Input to Output:**  
109 dBA at Unity Gain  
**Output:**  
111 dBA

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I/O Impedance **XLR Mic Input:**  
3 Kilohms  
**Combo XLR-1/4" Line Input:**  
30 Kilohms  
**1/4" Hi-Z Input:**  
1 Megohms  
**XLR Line Output:**  
600,300 Ohms (Balanced)

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Crosstalk **Adjacent Inputs:**  
**Adjacent Outputs:**

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CMRR	>75 dB at +20 dB Gain
EIN	-127 dBu (150-Ohm Input)
Noise Floor	
SNR	92 dB at Unity Gain (+4 dBu Reference)
THD	<b>Mic Input to Main Output:</b>

## Connectivity

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Analog Inputs	<b>8 x</b> XLR Balanced Input <b>8 x</b> Combo XLR-1/4" TRS Balanced Input
Analog Outputs	<b>8 x</b> XLR Balanced Output <b>1 x</b> 1/4" TRS Headphone Output
Phantom Power	+48 V
Digital I/O	<b>1 x</b> RJ45 (Wi-Fi Router, 100 Mb/s) <b>1 x</b> XLR AES3 Output
MIDI I/O	<i>None</i>
USB	<b>1 x</b> USB Type-B (USB 2.0, Host Connection)
Wireless Connectivity	<i>None</i>

External Display Connection	None
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## Recording

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Max Multitrack Recording	16 Tracks
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Media Support	HDD
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File Format Support	WAV
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File System Support	<b>HDD:</b> FAT32
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## Compatibility

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OS Compatibility	Windows 7 Windows 8 macOS 10.8.4 macOS 10.9 iOS 7.1 or Later
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Mobile Device Compatibility	iPad 3rd Gen., 4th Gen., 2 iPad Mini with Retina iPad Air iPhone
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## Power

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AC Input Power	100 to 240 VAC, 50 / 60 Hz
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AC Power Connector

IEC

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Power Consumption

100 W (Maximum)

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## Physical

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Rackmount Size

3RU

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Operating Temperature

32 to 104°F / 0 to 40°C

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Dimensions

17.6 x 7.3 x 5.8" / 447 x 185.4 x  
147.3 mm

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Weight

8.8 lb / 4 kg

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## Packaging Info

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Package Weight

14.15 lb

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Box Dimensions (LxWxH)

21 x 11.3 x 10"

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