

**MACKIE DL16s - digitalna mikseta****MACKIE DL16s - digitalna mikseta**

Šifra: 15467

Kategorija proizvoda: Miksete sa snagom

Proizvođač: MACKIE

Cena: **648,00** EUR

The DL16S offers sophisticated signal processing with a 4-band PEQ, HPF, gate, compression, and an RTA/spectrograph for each of the 16 input channels. Each of the 13 output busses offer a 4-band PEQ, HPF/LPF, a 31-band GEQ, compressor/limiter, alignment delay, and RTA/spectrograph. Additionally, there are six VCAs, six mute groups, and four stereo FX processors with professional-quality reverb, delay, chorus, flange, and more.

The steel construction and large rubber corners ensure the DL16S can handle the rigors of on-the-road wear and tear. The integrated handle provides an easy carry option for quick deployment, while the built-in Wi-Fi antenna allows you to connect to the DL16's network for seamless wireless control. For greater range, an Ethernet connector allows you to connect directly to a wireless router or network switch.

The Mackie DL16S utilizes the Master Fader control app, which operates on an iOS or Android device, as well as Mac and Windows computers (with the soon-to-be released Master Fader 5.1). Navigate quickly with the overview and view groups, and quickly set up channels with factory and user presets, plus recall Onyx+ mic preamp settings. Up to 20 devices can be connected, allowing musicians to create their own headphone mix, while the Access Limiting setting prevent unwanted adjustments for the FOH engineer.

The integrated 16x16 USB 2.0 audio interface allows you to record the show for a later mixdown or perform a virtual sound check, plus you can play intermission music, backing tracks, and more directly into a dedicated stereo return channel. With a low cost and a high channel and feature count, the Mackie DL16S makes for a budget-friendly yet professional studio recording environment.

**Mixer Features**

16-Channel Wireless Digital Mixer

16 Onyx+ recallable mic preamps

8 fully-assignable XLR outputs plus headphone output

Master Fader control app

16x16 USB recording

Flexible deployment, place it anywhere on stage or in a rack

Wireless Mixing

Complete control via iOS, Android, Mac, or PC

No set FOH position, mix from anywhere

Supports up to 20 separate devices at once

Multiple engineers can work from a single mixer

Powerful Processing and Signal Processing

16 input channels with 4-band PEQ + HPF, gate, compression, and RTA/spectrograph

16 stereo-linkable input channels

13 output busses with 4-band PEQ + HPF/LPF, 31-band GEQ, comp/limiter, alignment delay, and RTA/Spectrograph

6 stereo-linkable aux sends

6 stereo-linkable subgroups

Main L/R bus  
6 VCAs and 6 x mute groups  
4 stereo FX processors featuring great built-in FX like reverbs, delays, choruses, flangers, and many more with dedicated sends and returns  
Full I/O routing with A/B sources per channel  
Assignable oscillator including pink/white noise and sine waves  
Modern and Vintage options for comp/gate and EQ  
Multitrack Recording and Playback  
16x16 USB 2.0 audio interface for Mac or PC  
Record the show for later mixdown  
Play intermission music, backing tracks, and more directly into a dedicated stereo return channel  
Perform a virtual sound check  
Amazing low-cost, high channel-count studio recording solution  
Utilize Mac or PC audio plug-ins in a live environment  
Master Fader Control App  
Intuitive and easy to master  
Fast navigation with view groups and overview  
Quick setup with numerous factory and user-definable presets  
Access Limiting allows flexible customization of the user interface and prevents unwanted adjustments from other users  
Quickly access channel processing, signal routing, and a massive suite of great sounding effects with presets to get you started  
Export presets, shows, and complete system backups via Dropbox, email, and more  
Complete offline operation  
Easy and frequent updates  
Available on iOS, Android, macOS, and Windows

## **Mackie DL16S Specs**

Mixer

Number of Analog Input Channels 16

Number of Mic Preamps 16

Number of Analog Output Channels 8

Max I/O Capacity 16 x Input / 8 x Output

Mix Routing 6 x Stereo Aux Send

6 x Subgroup

Groups 6 x VCA Group

6 x Mute Group

Faders None

Signal Processing

Gain/Trim Range Mic:

0 dB to 60 dB (in 3 dB Steps)

Line:

-20 dB to 40 dB (in 3 dB Steps)

Dynamic Processing Input Channels:

Compressor, Gate

Buses, Master:

Compressor, Limiter

EQ Input Channels:

4-Band Parametric

Output Buses:

4-Band Parametric

31-Band Graphic

Graphic EQ 31-Band

Filters High-Pass

Outputs:

High-Pass

Low-Pass

Built-In Effects Stereo Reverb

Stereo Delay

Stereo Chorus

Stereo Flanger  
Audio Delay Yes  
Digital Audio  
Sample Rates 48 kHz  
AES3 Output:  
48 kHz  
Multitrack Record:  
48 kHz  
Audio Streaming:  
48 kHz  
Bit Depth AD/DA Conversion:  
24-Bit  
AES3 Output:  
24-Bit  
Record:  
16 / 24-Bit  
Audio Streaming:  
16 / 24-Bit  
Latency 1.5 ms (Analog Input to Analog Output)  
Performance  
dBFS Reference Level +22 dBu = 0 dBFS  
Frequency Response 20 Hz to 20 kHz -1 dB  
Max Input Level XLR Input:  
+21 dBu  
1/4" Input:  
+30 dBu  
Output Level Headphone Output:  
+18 dBu (2901653168)  
Output:  
+21 dBu (2901653168)  
Analog Dynamic Range Input to Output:  
109 dBA at Unity Gain  
Output:  
111 dBA  
I/O Impedance AES3 Output:  
110 Ohms  
XLR Mic Input:  
3 Kilohms  
1/4" Input:  
30 Kilohms  
XLR Output:  
600 Ohms  
Monitor Output:  
240 Ohms (Balanced)  
120 Ohms (Unbalanced)  
Crosstalk Adjacent Inputs:  
< -105 dB at 1 kHz (Min Gain)  
< -80 dB at 1 kHz (Max Gain)  
Adjacent Outputs:  
< -100 dB at 1 kHz  
EIN -127 dBu (2901653041)  
Noise Floor -90 dBu A-Weighted  
SNR 92 dBA at Unity Gain (+4 dBu Reference)  
THD Mic Input to Main Output:  
< 0.005% (-1 dBFS)  
Connectivity  
Analog Inputs 8 x XLR Balanced Input  
8 x Combo XLR-1/4" TRS Balanced Input  
Analog Outputs 8 x XLR Balanced Output  
1 x 1/4" TRS Headphone Output  
Phantom Power +48 V

Digital I/O 1 x RJ45 (Wi-Fi Router, 100 Mb/s)

1 x XLR AES3 Output

MIDI I/O None

USB 1 x USB-B 2.0 (Host Connection)

Wireless Connectivity None

External Display Connection None

Recording

Max Multitrack Recording 16 Tracks

Media Support HDD

File Format Support WAV

File System Support Hard Disk Drive: FAT32

Compatibility

OS Compatibility Windows 7

Windows 8

macOS 10.8.4

macOS 10.9

iOS 7.1 or Later

\*As of October, 2019: Check with manufacturer for the most up-to-date compatibility

Mobile Device Compatibility iPad 3rd Gen., 4th Gen., 2

iPad Mini with Retina

iPad Air

iPhone

Power

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

AC Power Connector IEC

Power Consumption 100 W (Maximum)

Physical

Rack Mountable Yes

Rackmount Size 3 RU (with Included Hardware)

Operating Temperature 32 to 104°F / 0 to 40°C

Dimensions 14.1 x 5.6 x 5.8" / 35.8 x 14.2 x 14.7 cm

Weight 6.2 lb / 2.8 kg

Packaging Info

Package Weight 10.65 lb

Box Dimensions (LxWxH) 17.3 x 10 x 10"