



# d.2

PREMIUM VCA MIXER  
w/ FIREWIRE OPTION

## d.2 PROFESSIONAL 2-CHANNEL DJ MIXER w/ PREMIUM VCA CIRCUITRY AND FIREWIRE I/O

After nearly two years of extensive R&D and collaboration with some of the world's foremost DJs, Mackie is proud to introduce its first DJ mixer, the d.2—the world's first DJ mixer with premium analog circuitry and optional FireWire computer connection.

This revolutionary 2-channel mixer is built upon intelligent ergonomics, bulletproof construction, premium analog VCA circuitry, and ultra high-performance components—including an Infinium® optical crossfader, Mackie-designed mic and turntable preamps, smooth analog EQ with blue backlit knobs, 3-position spring-loaded Transform switches, and plenty of mixer headroom for a wide, open "analog" sound.

Most notably, the d.2 is the first DJ mixer with optional FireWire connectivity, letting turntablists, remixers and digital DJs mix in mp3 files directly from a Mac or PC laptop, or record DJ sets directly to their computers.



## FEATURES

- Premium 2-channel DJ mixer with analog VCA circuitry
- FireWire option card for recording and mixing mp3s and other files directly to and from Mac or PC
- 45mm "no-contact" Infinium optical crossfader for years of use with no audio degradation
- Mackie-designed mic and turntable preamps for ultra-low noise and maximum "punch"
- 2 stereo program channels with CD, Phono/Line, and FireWire input select
- 3-band EQ per channel with complete kill filters and blue backlit knobs
- User-rotatable 3-position spring-loaded Transform switches with latching mode
- Flexible effects routing with variable FX send control
- Neutrik combo jack for XLR and 1/4" microphone connections
- "Planet Earth" Power Supply – no need for power converters, no matter the country
- XLR main outs with mic/line switch for easy stage integration (No D.I.'s)
- Crossfader features contact-free tension control, Curve control and Reverse switch
- Fader Reverse switches and Curve controls
- Separate mono/stereo booth out
- Individual program meters plus main out meters
- Ideal mixer for turntablists, remixers, and digital DJs alike



www.mackie.com ☎ 425 487 4333 (Outside U.S.) ☎ 800 898 3211 (Toll free within U.S.)

**MACKIE®**



# SPECIFICATIONS \*

## Frequency Response:

Mic Input to any Output (Trim at 0 dB) ..... +0, -1 dB, 20 Hz to 20 kHz  
 Line/CD Input to any Output ..... +/- 0.5 dB, 20 Hz to 20 kHz  
 Phono Input to any Output ..... +/- 1 dB of RIAA EQ curve

## Distortion (THD and IMD):

### THD @ Main Output, 20 Hz to 20 kHz

Mic Input @ 30 dB Gain ..... Less than 0.0075%  
 Line/CD Input @ 0 dB Gain ..... Less than 0.0075%  
 Phono Input ..... Less than 0.01 %

### THD @ Phones Output, 20 Hz to 20 kHz

Line Input @ 0 dB Gain ..... Less than 0.03%

### SMPTE IMD @ +4dBu Output

Mic Input @ 30 dB Gain ..... Less than 0.008%  
 Line/CD Input @ 0 dB Gain ..... Less than 0.008%

## Common Mode Rejection Ratio (CMRR):

Mic Input (Gain = maximum) ..... Greater than 60 dB @ 1 kHz

## Crosstalk:

Adjacent Inputs or Input to Main Output ..... Less than -85 dB @ 1 kHz

## Noise Characteristics:

### Equivalent Input Noise (E.I.N.), 20 Hz to 20 kHz

Mic Input (150 Ω source impedance) ..... Less than -123 dBu  
 Phono Input (500 Ω/500 mH source imp.) ..... Less than 0.3 μV  
 CD/Line Input (150 Ω source impedance) ..... Less than -110 dBu  
 Dynamic Range (Main Out) ..... Greater than 100 dB

## Maximum Input Levels:

### Rated at 1% THD

Mic Input (Gain @ minimum) ..... +9 dBu  
 CD and Line Inputs (PGM Gain = 0 db) ..... +22 dBu  
 FX Input ..... +22 dBu  
 Phono Input ..... 78mV @ 1kHz

## Input/Output Characteristics:

### Input Gain Control Range

Mic Input ..... +3 dB to +50 dB  
 PGM Input ..... OFF to +13 dB  
 FX Return ..... OFF to +13 dB

## Input Impedance:

Mic Input: ..... 2.4 kΩ, balanced  
 CD/ Line Input ..... 20 kΩ, balanced  
 FX Return ..... 20 kΩ, balanced  
 Phono Input ..... 47.5 kΩ shunted with 200 pF

## Maximum Output Levels:

XLR Main Output ..... +22 dBu  
 RCA Main Output ..... +22 dBu  
 Booth Output ..... +22 dBu  
 FX Send ..... +22 dBu  
 Phones ..... 15 volts rms into 8 Ω (28 watts)

## Output Impedance:

Main XLR/RCA Output ..... 150 Ω  
 Booth Output ..... 150 Ω  
 FX Send ..... 150 Ω  
 Phones ..... 25 Ω

## Equalization:

### Mic Channel

Low ..... ±15 dB @ 80 Hz  
 Mid ..... ±15 dB @ 2.5 kHz  
 High ..... ±15 dB @ 12 kHz

### PGM Channel

Low ..... +10/-inf dB @ 300 Hz  
 Mid ..... +10/-inf dB @ 1 kHz  
 High ..... +10/-inf dB @ 4 kHz

## VU Meters:

12-segment pre-fader PGM meters  
 12-segment pre-fader Main Mix meters  
 OL (+20), +10, +7, +4, +2, 0, -2, -4, -7, -10, -20, -30  
 0 LED = +4 dBu  
 Mic Input Signal Present LED (Sensitivity) ..... -20 dBu

## AC Power Requirements:

Power Consumption ..... 20 watts  
 Universal AC Power Supply ..... 100 VAC - 240 VAC, 50-60 Hz

## Physical Dimensions and Weight:

Height ..... 15.49" / 393.4mm (including knobs and connectors)  
 Width ..... 10" / 254mm  
 Depth ..... 4.62" / 117.3mm (including knobs and connectors)  
 Weight ..... 11lb / 5kg (with FireWire card)

The d.2 mounting slots are compatible with the Odyssey Battle Bridge. This consists of two L brackets which bolt to the d.2 and allow you to fit it securely between two turntable cases. See [www.odysseygear.com](http://www.odysseygear.com) for more details.

## Options:

d.2 FireWire I/O Card