

Mackie DL1608 Specs

Mixer

| | |
|---------------------------------|----|
| Number of Analog Input Channels | 16 |
|---------------------------------|----|

| | |
|----------------------------------|----|
| Number of Analog Output Channels | 12 |
|----------------------------------|----|

| | |
|------------------|---|
| Max I/O Capacity | 16 x Input / 12 x Output (with Included Hardware) |
|------------------|---|

| | |
|-----------------------|----|
| Number of Mic Preamps | 16 |
|-----------------------|----|

| | |
|--------|-------------|
| Faders | <i>None</i> |
|--------|-------------|

| | |
|-------------|-----------------------|
| Mix Routing | 1 x Stereo Bus |
|-------------|-----------------------|

| | |
|--------|---|
| Groups | 4 x VCA Group 4 x Mute Group |
|--------|---|

| | |
|---------|-----------------------------|
| Presets | 2 x Preset (Factory) |
|---------|-----------------------------|

Signal Processing

| | |
|-----------------|------------------------------|
| Gain/Trim Range | Mic: 0 dB to 60 dB |
|-----------------|------------------------------|

Line:
-20 dB to 40 dB

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

EQ **Input Channels, Outputs:**
4-Band Parametric
Outputs:
31-Band Graphic

Graphic EQ Yes

Solo/Mute *None*

Internal Effects **2 x** Stereo Preset (Factory)

Real Time Analyzer Yes

Audio Delay Adjustable Up to 350 ms

Automatic Mic Mixing *None*

Digital Audio

Sample Rates 48 kHz

Bit Depth **AD/DA Conversion:**
24-Bit

Latency 1.5 ms

Performance

Frequency Response 20 Hz to 20 kHz +0/-1 dB

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

Output Level **Analog Output:**
+21 dBu (Max)

Analog Dynamic Range 109 dBA at Unity Gain ⓘ

I/O Impedance **Aux Send:**
240 Ohms (Balanced)
120 Ohms (Unbalanced)
Output:
600 Ohms
XLR Mic Input:
3 Kilohms
1/4" Input:
30 Kilohms

Crosstalk **Adjacent Inputs:**
Adjacent Outputs:

CMRR >70 dB at +60 dB Gain

EIN -128 dBu (150-Ohm Input)

Noise Floor -79 dBu at Unity Gain (A-Weighted) ⓘ

SNR 92 dBA at Unity Gain (+4 dBu)

Reference)

THD



Connectivity

Analog Inputs

12 x XLR Balanced Input
4 x Combo XLR-1/4" TRS Input

Analog Outputs

6 x 1/4" TRS Balanced Aux Send
2 x XLR Balanced Output

Phantom Power

+48 V

Digital I/O

1 x RJ45 (Network, 100 Mb/s)
1 x iPad Dock (Lightning) 

MIDI I/O


None

Compatibility

OS Compatibility

iOS 8.0 or Later

Mobile Device
Compatibility

iPad 4th Gen. or Later
iPad Air 1st Gen. or Later
iPad Mini 1st Gen. or Later
iPad Pro 1st Gen., 2nd Gen. 

Power

| | |
|----------------|-----------------------------------|
| AC Input Power | 100 to 240 VAC, 50 / 60 Hz at 4 A |
|----------------|-----------------------------------|

| | |
|--------------------|-----|
| AC Power Connector | IEC |
|--------------------|-----|

| | |
|----------------|--------|
| DC Input Power | 12 VDC |
|----------------|--------|

| | |
|-------------------|----------------|
| Power Consumption | 48 W (Maximum) |
|-------------------|----------------|

Physical

| | |
|----------------|-------|
| Rackmount Size | 9RU ⓘ |
|----------------|-------|

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

| | |
|------------|--|
| Dimensions | 11.5 x 3.7 x 15.4" / 291 x 95 x 391 mm |
|------------|--|

| | |
|--------|-----------------|
| Weight | 6.9 lb / 3.1 kg |
|--------|-----------------|

Packaging Info

| | |
|----------------|----------|
| Package Weight | 13.05 lb |
|----------------|----------|

| | |
|------------------------|------------------|
| Box Dimensions (LxWxH) | 19 x 18.4 x 6.3" |
|------------------------|------------------|
