

DCI6 SPECIFICATIONS

General Digital

Sample Rate:	48 kHz
A/D/A Bit Depth:	24-bit
0 dBFS Reference:	+22 dBu

Frequency Response

All inputs and all outputs:	±0, -1 dB, 20 Hz to 20 kHz
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Stereo Input

Connector:	1/8" Unbalanced
Input Impedance:	10 kΩ
Max Input Level:	+16 dBu

Talkback Mic

Connector:	XLR Balanced
XLR Mic Pre:	Onyx
Input Impedance:	3 kΩ
Max Input Level:	+21 dBu
Gain:	0 – 60 dB

Analog Monitor Outputs L/R

Connectors:	1/4" TRS Impedance Balanced [Supports balanced / unbalanced operation]
Output Impedance:	240 Ω Balanced, 120 Ω Unbalanced
Max Output Level:	+21 dBu

Analog Headphone Out

Connector:	1/4" TRS Stereo
Max Output Level:	+18 dBu into 600 Ω +19.5 dBu max into 100 kΩ

DCI6 iPad Connectivity

Connection:	USB-A for Lightning iPads
Connectors:	1x USB-A (Control, audio and charging) 2x USB-A (Charging only)
Control:	Full Control
Audio:	Digital streaming, 2 in / 2 out

Networking

Connection:	1x RJ45 Gigabit Ethernet
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Dante

Connection:	2x etherCon Gigabit Ethernet
Sample Rate:	48 kHz
Bit Depth:	24-bit
Transmit / Receive Channels:	4 / 4
Supports Dante Switch modes	
Configuration via Dante Controller	

Supported Devices

iOS Version Requirement:	For optimal performance, we suggest using the latest iOS version [iOS 8.0 minimum]
iPad Version Requirement	
Wired:	iPad (4th generation), iPad mini, iPad mini 2, iPad mini 3, iPad Air, iPad Air 2, Future iPad devices ⁴
Control Application:	Mackie Master Fader App Requires Master Fader V4.5 ⁵

Power

Power Consumption:	102 watts
External Supply	
Power Requirements:	100 VAC – 240 VAC, 50 – 60 Hz Universal Supply
Output Voltage:	12 VDC
Current:	8.5A
Connector:	Locking Multi-Pin Connector
Line Cord:	User-replaceable IEC
Operating Temperature	0 – 40 °C
[extended ambient temperature]:	32 – 104 °F

⁴ This assumes, of course, that future iOS devices do not communicate via infrared, radiation, television, sparklers, hoagies, frickin' laser beams, or some other crazy, fandangled new contraption. Even then, we'll still give it the 'ol college try. After all, we do have sharks at the ready.

⁵ <https://itunes.apple.com/us/app/mackie-master-fader-4/id1051811529?mt=8>