



Yamaha D2040 Specifications

Analog Inputs	2 channels, electronically balanced, XLR type connectors, nominal +4 dBm, maximum +24dBm, 20 k ohm impedance.
Outputs	8 channels, electronically balanced, XLR type connectors, nominal +4dBm, maximum +24dBm, 150 ohm impedance.
Digital Inputs	AES/EBU-Pro (XLR type connector), Yamaha Y2 (8-pin DIN type connector)
Sampling Frequency	48 kHz (analog in)/ 44.1 kHz/32 kHz
A/D Converters	19 bits x 2
D/A Converters	20 bits x 8
Frequency Response	20 Hz ...20kHz
S/N Ratio	110 dB typical (analog in, emphasis on) 107 dB typical (analog in, emphasis off)
THD	Less than 0.005% (Emphasis On 1kHz at maximum) Less than 0.007% (Emphasis Off 1kHz at maximum)
Internal Memory	15 user RAM locations
Control Interface	RS485, 9,600/38,400 baud, XLR type connectors (male and female)
Analog Attenuators	Motor-drive, post-D/A
Digital Attenuators	-18dB...+6dB, 0.5dB steps
Filters	HPF frequency: 20Hz...16kHz. HPF slope:-24, -18, -12, -6, THRU HPF cutoff gain:-6, -5,-4, -3. LPF frequency: 20hz...16kHz. LPF slope:-24, -18, -12, -6, THRU. LPF cutoff gain: -6, -5, -4, -3.
Parametric EQ	2 bands per channel. Frequency:20Hz...16kHz, 1/6 oct steps. Gain:-18dB...+18dB, 1dB steps. Q:LSH/HS, 0.5~10
Delay	(Fs=48kHz) 0...1365,313 ms, 21 mms Step (Fs=44.1kHz) 0...1486,054 ms, 23mms Step (Fs=32kHz) 0...2047,969 ms, 31 mms Step
Compressor/ Limiter	Threshold:0dB...+20dB Comp ratio: 1:1... infinity symbol:1 Attack time:1...20 milliseconds. Release time:0.01... 5 seconds
Muting	Individual channel
Level Indicators	7-segment LED peak indicators x 2, including CLIP indicator, pre-D/A
Dimensions (W x H x D)	480 x 101 x 389.6 mm (18-7/8" x 4" x 15-3/8")
Weight	8.5kg (18lbs. 12 oz)