

Specifications

General specifications

Sampling Frequency	Internal	44.1kHz 48kHz	
	External	44.1kHz +4.1667%, +0.1%, -0.1%, -4.0%	±200ppm
		48kHz +4.1667%, +0.1%, -0.1%, -4.0%	±200ppm
Signal Delay	Less than 2.5ms, OMNI IN to OMNI OUT, Fs= 48kHz		
Fader	100mm motorized, Resolution=1024steps, +10dB to -138dB, -∞dB all faders		
Frequency Response	+0.5, -1.5dB 20Hz-20kHz, refer to +4dBu output @1kHz, OMNI IN to OMNI OUT		
Total Harmonic Distortion* ⁴	Less than 0.05% 20Hz-20kHz@+4dBu into 600Ω, OMNI IN to OMNI OUT, Input Gain= Min.		
Hum&Noise* ⁵	-128dBu typ., Equivalent Input Noise, Input Gain= Max., -88dBu, Residual output noise, ST master off		
Dynamic Range	112dB typ., DA Converter, 108dB typ., OMNI IN to OMNI OUT, Input Gain= Min.		
Crosstalk@1kHz	-100dB* ¹ , adjacent OMNI IN/OMNI OUT channels, Input Gain= Min.		
Dimensions (W x H x D) and Net Weight	CL5: 1053mm x 299mm x 667mm, 36kg CL3: 839mm x 299mm* ² x 667mm, 29kg* ² CL1: 648mm x 299mm* ² x 667mm, 24kg* ²		
Power Requirements (wattage)	CL5/CL3/CL1: 170W, Internal Power Supply CL5/CL3/CL1: 200W, Simultaneous use of Internal PSU and External PW800W		
Power Requirements (voltage and hertz)	US/Canada: 120V 60Hz Japan: 100V 50/60Hz China: 110-240V 50/60Hz Korea: 220V 60Hz Other: 110-240V 50/60Hz		
Temperature Range	Operating temperature range: 0-40°C Storage temperature range: -20-60°C		
Included Accessories	Owner's Manual, Dust Cover, Power Cord		
Optional Accessories	Meter Bridge MBCL (CL3/CL1 only), Mini-YGDAL cards* ³ , Gooseneck Lamp LA1L Power Supply PW800W, Power Supply Link Cable PSL360		

*1. Crosstalk is measured with a 30dB/octave filter @22kHz

*2. Excluded MBCL optional meter bridge.

*3. Refer to the Yamaha pro audio website for information on supported cards.
<http://www.yamahaproaudio.com>

*4. Total Harmonic Distortion is measured with 18dB/octave filter @80kHz

*5. Hum & Noise are measured with A-Weight filter.

European Models

Inrush Current based on EN 55103-1:2009

10A (on initial switch-on)

6A (after a supply interruption of 5s)

Conforms to Environments: E1, E2, E3 and E4

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