

QL5	QL1		
General specifications			
Sampling frequency rate	Internal	44.1kHz / 48kHz	44.1kHz / 48kHz
	External	44.1kHz: +4.1667%, +0.1%, -0.1%, -4.0% (± 200 ppm), 48kHz: +4.1667%, +0.1%, -0.1%, -4.0% (± 200 ppm)	44.1kHz: +4.1667%, +0.1%, -0.1%, -4.0% (± 200 ppm), 48kHz: +4.1667%, +0.1%, -0.1%, -4.0% (± 200 ppm)
Signal delay		Less than 2.5ms, INPUT to OMNI OUT, Fs=48kHz	Less than 2.5ms, INPUT to OMNI OUT, Fs=48kHz
Fader		100mm motorized, Resolution=1024steps, +10dB to -138dB, $-\infty$ dB all faders	100mm motorized, Resolution=1024steps, +10dB to -138dB, $-\infty$ dB all faders
Total harmonic distortion		Less than 0.05% 20Hz-20kHz@+4dBu into 600 Ω , INPUT to OMNI OUT, Input Gain= Min.	Less than 0.05% 20Hz-20kHz@+4dBu into 600 Ω , INPUT to OMNI OUT, Input Gain= Min.
Frequency response		+0.5, -1.5dB 20Hz-20kHz, refer to +4dBu output @1kHz, INPUT to OMNI OUT	+0.5, -1.5dB 20Hz-20kHz, refer to +4dBu output @1kHz, INPUT to OMNI OUT
Dynamic range		112dB typ.: DA Converter / 108dB typ.: INPUT to OMNI OUT, Input Gain = Min.	112dB typ.: DA Converter / 108dB typ.: INPUT to OMNI OUT, Input Gain = Min.
Hum & noise level	Equivalent input noise	-128dBu typ., Equivalent Input Noise, Input Gain=Max	-128dBu typ., Equivalent Input Noise, Input Gain=Max
	Residual output noise	-88dBu, Residual output noise, ST master off	-88dBu, Residual output noise, ST master off

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Crosstalk		-100dB*1, adjacent INPUT/OMNI OUT channels, Input Gain = Min.	-100dB*1, adjacent INPUT/OMNI OUT channels, Input Gain = Min.
Power requirements		100-240V 50/60Hz	100-240V 50/60Hz
Power consumption		200W	135W
Dimensions	W	828mm(32.6in)	468mm(18.4in)
	H	272mm(10.7in)	272mm(10.7in)
	D	563mm(22.2in)	562mm(22.1in)
Net weight		21.8kg(48.1lb)	14.7kg(32.4lb)
Accessories		Owner's Manual, dust cover, power cord, DVS license sheet, Nuendo Live	Owner's Manual, power cord, DVS license sheet, Nuendo Live
Options		Mini-YGDAI cards *2 , Gooseneck Lamp LA1L	Rackmount kit RK1, Mini-YGDAI cards *2 , Gooseneck Lamp LA1L
Others		Operating temperature range: 0 - 40°C, Storage temperature range: -20 - 60°C	Operating temperature range: 0 - 40°C, Storage temperature range: -20 - 60°C