

RDM40

**VARIA
INSTRU
MENTS**

Input	Phono (PH1 - PH3) Stereo	Input Impedance : 47 k Ω , unbalanced RIAA Response : +1 / - 0.5 dB, 20 to 20 kHz Distortion : THD + N less than 0.008 % @ 1 kHz, 26 mV RMS Input Maximum Input Level : +89 mV RMS, unbalanced, < 1 % THD Crosstalk : < -60 dB, 20 to 20 kHz, 10 mV RMS, left-to-right
	Line (LN1 - LN4) Stereo	Input Impedance : 68 k Ω , unbalanced Frequency Response : 20 to 20 kHz +/- 0.5 dB Distortion : THD + N less than 0.002 % @ 1 kHz, 2 V RMS Input Maximum Input Level : +6.9 V RMS, unbalanced, < 1 % THD Crosstalk : < -70 dB, 20 to 20 kHz, 2 V RMS, left-to-right
	Microphone (MIC) Mono	Input Impedance : > 1 k Ω Frequency Response : 20 to 20 kHz +/- 0.5 dB (HPF deactivated) Distortion : THD + N less than 0.004 % @ 1 kHz, 10 mV RMS Input High pass filter : 100 Hz, 12 dB / oct (can be deactivated internally) Gain : +46 dB (can be set to +40 dB internally)
	Return (FX) Mono / Stereo	Input Impedance : 220 k Ω , unbalanced Frequency Response : 20 to 20 kHz +/- 0.5 dB Distortion : THD + N less than 0.002 % @ 1 kHz, 1 V RMS Input Maximum Input Level : +4.7 V RMS, unbalanced, < 1 % THD Crosstalk : < -70 dB, 20 to 20 kHz, 1 V RMS, left-to-right
Channel	Metering	Signal (Green) : -20 dBr to 0 dBr Overload (Red) : +6 dBr
	Gain	Range : +/- 12dB
Isolators	3-Way Channel Isolator	Filter Slope : 12 dB / oct (2 Pole) Crossover Frequency : Bass > > 125 Hz < > Mid < > 4000 Hz < < Treble Cut : -inf dB, Boost : +9 dB
	3-Way Master Isolator	Filter Slope : 24 dB / oct (4 Pole) Crossover Frequency : Bass > 280 Hz < > Mid < > 4200 Hz < Treble Cut : -inf dB, Boost : +9 dB
Output	House XLR Stereo	Output Impedance : 100 Ω , balanced line-to-line Distortion : THD + N less than 0.0025 %, +4 dBu, 20 to 20 kHz, unity gain, 20 kHz BW SNR : 113 dB referenced to fullscale level (+26 dBu), A-weighting Max Output Level : +26 dBu balanced, 20 to 20 kHz, 600 Ω , < 1 % THD
	Booth JACK Stereo	Output Impedance : 100 Ω , balanced line-to-line Distortion : THD + N less than 0.0025 %, +4 dBu, 20 to 20 kHz, unity gain, 20 kHz BW SNR : 113 dB referenced to fullscale level (+26 dBu), A-weighting Max Output Level : +26 dBu balanced, 20 to 20 kHz, 600 Ω , < 1 % THD
	Rec Out RCA Stereo	Output Impedance : 100 Ω , unbalanced Distortion : THD + N less than 0.003 %, -10 dBV, 20 to 20 kHz, unity gain, 20 kHz BW SNR : 106 dB referenced to fullscale level (+19 dBV) Max Output Level : +19 dBV unbalanced, 20 to 20 kHz, 100 k Ω , < 1 % THD
	Send (FX) JACK Mono / Stereo	Output Impedance : 100 Ω , impedance balanced Distortion : THD + N less than 0.0025 %, -10 dBV, 20 to 20 kHz, unity gain, 20 kHz BW SNR : 106 dB referenced to fullscale level (+19 dBV), A-weighting Max Output Level : +19 dBV unbalanced, 20 to 20 kHz, 100 k Ω , < 1 % THD
	Phones JACK	Output Impedance : 68 Ω Distortion : THD + N less than 0.003 %, 4.9 V RMS, 20 to 20 kHz, 300 Ω Max Output Power : 1 W RMS into 70 Ω , < 1 % THD
Physical		Power : 115 / 230 V (user switchable), 100 V on demand Power consumption : 35 Watt maximum Dimension : 345 x 360 x 190 mm (13.6 x 14.2 x 7.5 inches) Weight : 5.5 kg (12.1 lbs) with built in linear PSU
General information		Official retail price : CHF 3'490 excl. VAT and delivery Warranty : 2 years