

V-MIXER SPECIFICATIONS

Processing

Number of Channels: 32 mixing channels/11 buses/4 MATRIX buses/Up to 92 inputs and 90 outputs when using REAC Devices

AD/DA Conversion: 24-bit/48.0 kHz or 44.1 kHz

Network Latency: 2.8 ms (typical) *

* Total System Latency of audio signal from S-1608 inputs to outputs via M-300's REAC ports (A or B).

* Sample Rate: 48.0 kHz

* Effects : No insert effects

CONNECTORS

CONSOLE INPUT jacks (1 to 4):

XLR-3-31 type (balanced with phantom power)

CONSOLE INPUT jacks (5 to 8):

1/4 inch Phone type (balanced)

CONSOLE INPUT jacks (9 to 12):

RCA Pin type

CONSOLE OUTPUT jacks (1 to 4):

XLR-3-32 type (balanced)

PHONES jack:	Stereo 1/4 inch phone type
DIGITAL OUT jack:	Optical type
REAC port:	RJ-45 EtherCon type x 2
USB port:	Type A x 1, Type B x 1
Remote Connectors:	RS-232C connector: 9-pin D-sub type
MIDI connectors (OUT/THRU, IN): 5-pin DIN type	
Other Connectors:	Grounding terminal, AC INPUT connector

INPUT/OUTPUT CHARACTERISTICS

Frequency Response:	CONSOLE OUTPUT jacks (1 to 8): -2 dB / +0 dB (20k ohms load, +4 dBu)
PHONES jack: -3 dB / +0 dB (40 ohms load, 150 mW)	
Total Harmonic Distortion + Noise	CONSOLE OUTPUT jacks (1 to 8): 0.05 % (typ., +4 dBu)
PHONES jack: 0.05 % (typ., 40 ohms load, 150 mW)	
Dynamic Range:	CONSOLE OUTPUT jacks (1 to 8): 105 dB (typ.)
Crosstalk@ 1 kHz:	CONSOLE INPUT jacks (1 to 4):
-80dB (Pad: ON, Input sens: +4 dBu, typ.)	CONSOLE INPUT jacks (5 to 12): -80dB (Input sens: +4 dBu, typ.)
CONSOLE OUTPUT jacks (1 to 8): -100 dB (typ.)	

* Sampling frequency is 48 kHz or 44.1 kHz.

Nominal Input Level (Variable):	CONSOLE INPUT jacks (1 to 4):
-65 to -10 dBu (Pad: OFF) or -45 to +10 dBu (Pad: ON)	CONSOLE INPUT jacks (5 to 12): -28 to +4 dBu
Input Impedance:	CONSOLE INPUT jacks (1 to 4): 14 k ohms
CONSOLE INPUT jacks (5 to 12): 10 k ohms	
Non Clip Maximum Input level:	CONSOLE INPUT jacks (1 to 4):
+8 dBu (Pad: OFF) or +28 dBu (Pad: ON)	CONSOLE INPUT jacks (5 to 12): +22 dBu
Nominal Output Level:	CONSOLE OUTPUT jacks (1 to 8):
+4 dBu (Load impedance: 10 k ohms)	
Output Impedance:	CONSOLE OUTPUT jacks (1 to 8): 600 ohms
PHONES jack: 100 ohms	
Recommended Load Impedance:	CONSOLE OUTPUT jacks (1 to 8): 10 k ohms or greater
PHONES jack: 8 ohms or greater	
Non Clip Maximum Output level:	CONSOLE OUTPUT jacks (1 to 8):
+22 dBu (1 kHz, 10 k ohms load)	PHONES jack: 150 mW + 150 mW (Typ., 1 kHz, 40 ohms load)
Residual Noise Level (IHF-A, typ.):	-88 dBu (All faders: Min)
Equivalent Input Noise Level (E.I.N.):	-126 dBu (Main Fader: Unity, Channel faders: Unity only one channel, Preamp gain: Max)

OTHER

Display: 800 x 480 dots Wide VGA TFT color screen with

backlight

Power Supply

AC 115 V, 117 V, 220 V, 230 V, 240 V (50/60 Hz)

Power Consumption

50 W

SIZE AND WEIGHT

Width:

470 mm 18-9/16 inches

Depth:

483 mm 19-1/16 inches

Height:

195 mm 7-11/16 inches

Height:

9.8 kg 21 lbs. 10 oz.