

# XM1602

## 16 Channels Professional Surround Mixer

The XRM1602 is a comfortable mixing engine fitting multiple applications and high demands

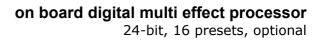
#### Features

4 MONO IN, 3 band EQ with semi param. MIDs Tube Sound Compressor - De-Esser on board 2 Standard Stereo IN + 2 Double Stereo IN Inserts on all Main channels 2 Aux Sends PRE/POST Balanced XLR Main Outputs Surround Processor – Center Surround Sound Professional Multieffect on board (optional)

#### Applications

Voice and Music Artists Piano Bar Installations Entertainer Clubs Corporate Rooms







 1-SOFT CHORUS
 9-PI

 2-CHORUS
 10-F

 3-LONG DELAY
 11-L

 4-DELAY
 12-F

 5-REVERB+CHORUS
 13-S

 6-REVERB
 14-M

 7-FLANGE
 15-F

 8-DEEPER
 16-F

9-PLATE 10-REVERB+PLATE 11-LARGE ROOM 12-ROTARY SPEAKER 13-SMALL ROOM 14-MEDIUM ROOM 15-HALL1 16-HALL2







### 16 Channels Professional Surround Mixer

#### **Specifications**

Microphone Inputs XLR + PHANTOM POWER + Inserts Jack 6,3mm electonically balanced, bandwidth 15Hz to 20kHz +/- 3dB, distortion (THD&N) 0.007% at +4dBu, 1kHz, bandwidth 20Khz Mic. E.I.N. (30Hz - 30kHz) -129.5dBu @ 150 ohm source, -117.3 dB @ 150 ohm source, -132.0dBu input shorted Gain range 0dB to + 50dB

**Mono Line Inputs** 6,3mm Jack + Inserts Jack 6,3mm unbalanced, bandwidth 10Hz to 60kHz +/- 3dB, distortion (THD&N) 0.007% a @+4dBu, 1kHz, bandwidth 60Khz Line level range -20dBu to +30dBu

#### **Stereo Line Inputs**

unbalanced, Bandwidth 10Hz to 55kHz +/- 3dB, Max Input level +10dBu Distortion (THD&N) 0.007% @ +4dBu, 1kHz, bandwidth 80Khz

#### **HIGH END PREAMPS**

for outstanding performances, high resolution and dynamic, ultra low distortion. MONO INPUTs allows to connect line level balanced or unbalanced sources. iNSERT jacks for all mono inputs allow to drive outboard processors. Any Mono Input Channel offers a separate 100Hz Low Cut Filter.

#### **TSC Tube Sound Compressor**

fantastic tube sound optical two levels (soft/hard) selectable compressor and de-esser for the first two channels. DUAL LED monitoring (green/red) on all mono channels for 0 dB and clip detection. The compression rate will be regulated by GAIN potentiometer.

#### SEMI PARAMETRIC EQUALIZER

on all mono channels. A powerful equalization stage is implemented in this small console allowing very professional performances and grate versatility and precision. Hi shelving EQ 12 kHz +/- 15dB. Mid band EQ from 0.6 to 5kHz +/- 15dB. Low shelving 80Hz +/-15dB.

#### **Master Outputs**

stereo master outputs XLR balanced, max + 26dBu aux send, unbalanced max + 22dBu Phones out, unbalanced + 22dBu Center + Surround Outputs, unbalanced + 22dBu Signal to noise ratio 112dB, all channels at Unity Gain

#### **Power consumption**

230VAC ~ 50HZ 300W

#### Dimensions

240 mm (L) x 270 mm (H) x 35 mm (D) 1.9 Kg



