

MP-1216

The device shall be a multi-channel monitor panel to provide visual and aural monitoring of up to 16 channels of any combination of high/low impedance speaker and line level circuits. Two units may be linked for monitoring up to 32 channels. Nominal output level shall be 3W into the built-in monitor speaker and a headphone jack for 8 ohm or higher impedance headphones. Rated input levels shall be 70.7 V, 120 V AC for high impedance speakers, 50 V (300 W 8 ohms) for low impedance speakers and 1.23 V (+4 dB) for line level. Maximum input levels for full meter reading are 100 V for speaker and 2.5 V (+10 dB) for line inputs. All inputs shall be bridging, balanced and transformer isolated. The front panel shall have a PHONES jack and internal monitor speaker. Front panel controls and switches shall include: POWER On/Off switch; OUTPUT level control and CHAN SELECT switch for the speaker/ headphone monitoring. Front panel indicators for each channel shall include: a Channel Select LED below each m to indicate the channel being aurally monitored; a 12-point LED m that shall be active at all times and calibrated for 0.3 W to 1200 W at 8 ohms and -30 dB to +6 dBV for line level signals. Also provided shall be a CHAN SELECT switch indicator (On = switch enabled in INDEPENDENT or MASTER modes, Off = switch disabled in SLAVE mode): a POWER On indicator. The rear panel shall have a switch for setting the mode of operation to INDEPENDENT, MASTER or SLAVE. INDEPENDENT mode shall be for stand alone operation: MASTER and SLAVE modes for linking two units. In this case one unit shall be in MASTER mode, the other in SLAVE mode. The unit in MASTER mode shall provide the aural monitoring facilities and control of monitor Channel Selection and Level for both units. The rear panel shall also include: four barrier strip type screw terminals per channel (70.7 V/100 V, 8 ohm, 1.23 V, Com), with protective plastic covers to prevent accidental shorts; a fuse holder with a replaceable 1 A fuse with 1 spare fuse provided. Power consumption shall be 21 W at 120 V AC. The unit shall be enclosed in a durable, black painted 1.0 mm (.04 in.) steel enclosure, mechanically reinforced by a 2.0 mm (0.08 in.) thick, black front panel. Dimensions (W x H x D) shall be 19" x 3.48" x 12.31" (482.6 x 88.4 x 312.7 mm). Weight shall be 11.7 Ibs. (5.3 kg). Standard equipment rack-mounting shall be provided.

The multi-channel monitor panel shall be TOA model MP-1216.