TOA DIGITAL MIXER AMPLIFIER 2×240W MX-6224D(1CE/4CE)

■DESCRIPTION

The MX-6224D, Digital mixer amplifier 2×240W, is designed for 2 zones Public address system that suitable for middle sized mosques application.

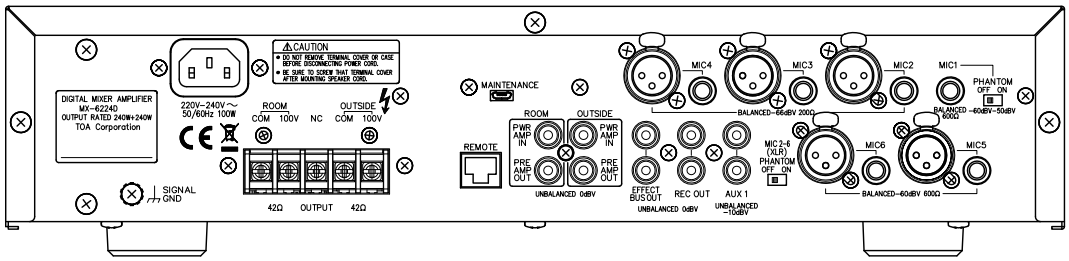
■SPECIFICATIONS

Power Source	220 V – 240 V AC, 50/60 Hz
Power Output	240 W × 2 channels (100 V, 42 Ω, rated output)
Power Consumption	100 W (according to IEC60065), 570 W (at rated output, both channels)
Amplification System	Class D, Output transformerless galvanic isolated output
Frequency Response	50 Hz – 20 kHz, ±3 dB (at 1/3 rated output, rated load, from power amplifier input)
Distortion	Less than 1 % THD (at 1 kHz, 1/3 rated output power)
Output Regulation	Less than 2 dB no load to full load (at 1 kHz, 1/3 rated output power)
Input	MIC 1: –50 dB (*1) (24 V phantom powered)/–60 dB (*1) (phantom power OFF) 600 Ω, electronically-balanced, ø6.3 mm phone jack (3P:balance) MIC 2 – 4: –66 dB (*1), 200 Ω, electronically-balanced, XLR-3-31 type and ø6.3 mm phone jack (3P:balance) (either one usable) MIC 5 – 6: –60 dB (*1), 600 Ω, electronically-balanced, XLR-3-31 type and ø6.3 mm phone jack (3P:balance) (either one usable) AUX 1: –10 dB (*1), 10 kΩ mixed monaural, unbalanced, RCA pin jacks (1 pair) AUX 2: –20 dB (*1), 10 kΩ mixed monaural, unbalanced, ø3.5 mm mini jack (3P:stereo) Power amplifier input: 0 dB (*1), 10 kΩ, unbalanced, RCA pin jacks (1 each for ROOM and OUTSIDE outputs)
Output	Speaker output: 2 zones, 100 V (42 Ω), galvanic isolated balanced, M4 screw terminal Recording output: 0 dB (*1), 600 Ω monaural, unbalanced, RCA pin jacks (1 pair) Effect bus output: 0 dB (*1), 600 Ω monaural, unbalanced, RCA pin jacks (1 pair) Preamplifier output: 0 dB (*1), 600 Ω monaural, unbalanced, RCA pin jacks (1 each for ROOM and OUTSIDE outputs)
Phantom Power	ON/OFF switchable for MIC 1 and XLR-3-31 type connectors of MIC 2 – 6
Signal to Noise Ratio	60 dB or less (All volume controls: min.)
Controls	6 Microphone volume controls, 2 AUX volume controls, 1 ROOM output switch, 1 ROOM volume control, 1 OUTSIDE output switch, 1 OUTSIDE volume control, 1 Effect control (0 % to 100 %) of Effect bus, 1 Effect preset type selection switch (DOME/HALL/PLATE/DELAY), 1 Effect Room size/Delay time selection switch (L/M/S/OFF), 1 Effect output selection switch (OFF/ON), 1 MIC 5-6 effect switch, 1 Low EQ control (±15 dB, 80 Hz) for MIC 1 – 6, 1 Mid EQ control (±15 dB, 2.5 kHz) for MIC 1 – 6, 1 High EQ control (±15 dB, 12 kHz) for MIC 1 – 6, 1 Speaker EQ (TC-631M, TC-651M) switch for OUTSIDE output, 1 Speaker EQ (BS-1030B, BS-1030W) switch for ROOM output, 1 Power switch, 1 Phantom switch for MIC 1, 1 Phantom switch for MIC 2 – 6 (XLR-3-31)
Indicators	SLEEP indicator Output Level meters (2 points, –20 dB and 0 dB) for ROOM and OUTSIDE Protection indicators for ROOM and OUTSIDE amplifiers Output indicators for ROOM and OUTSIDE EFFECT indicator for MIC 1 – 6
Ventilation	Natural air cooling
Operating Temperature	0 °C to +40 °C (32 °F to 104 °F)
Operating Humidity	35 % to 80 %RH (no condensation)
Dimensions	420 (W) × 99.8 (H) × 360.6 (D) mm (16.54" × 3.93" × 14.2")
Installation Method	Desktop mount, Rack mount with mounting bracket MB-25B (option)
Weight	6.1 kg (13.45 lb)
Finish	Front Panel: Aluminum, black, alumite Case: Steal plate, black, paint
Accessory	Power supply cord ···1, Sticker for Arabic indication ···1
Option	Remote controller: RC-03 Power amplifier :P-2240 Multichannel power amplifier: DA-250FH Dynamic microphone: DM-1300 Lavalier microphone: EM-410 Horn speaker: TC-631M, TC-651M Universal speaker: BS-1030B, BS-1030W Rack mounting bracket: MB-25B Perforated panel: PF-013B

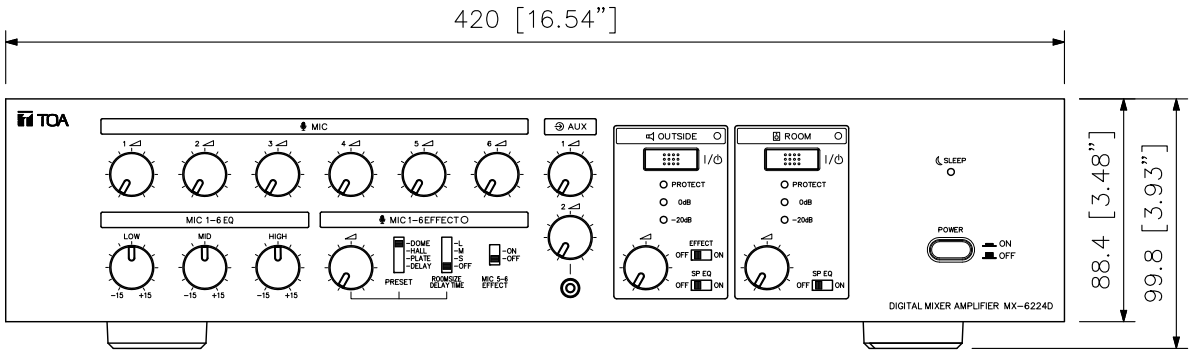
(*1) 0 dB = 1 V

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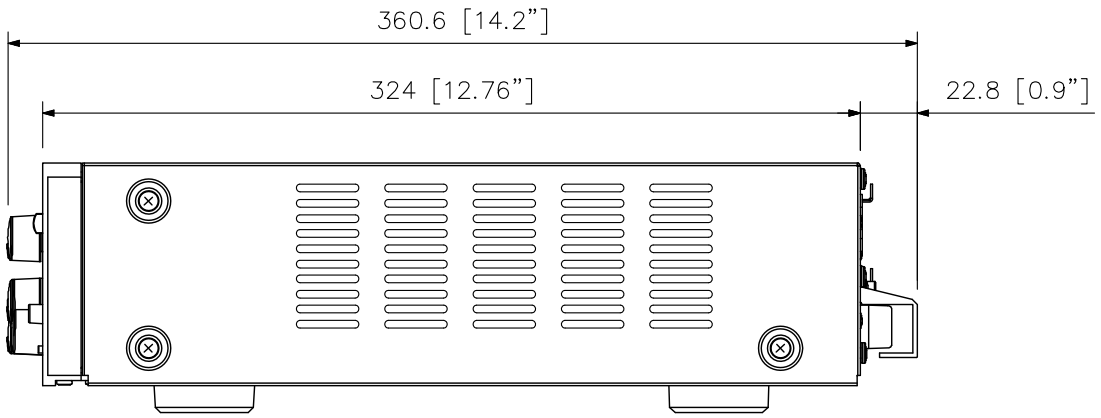
■APPEARANCE



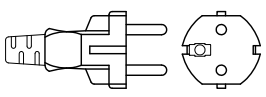
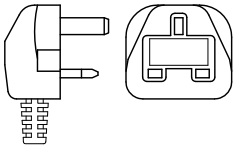
Rear View



Front View



Side View

Model	1CE	4CE
AC plug		

UNIT: mm SCALE: 1/3

TOA Corporation

DWG No: GMX00TC1