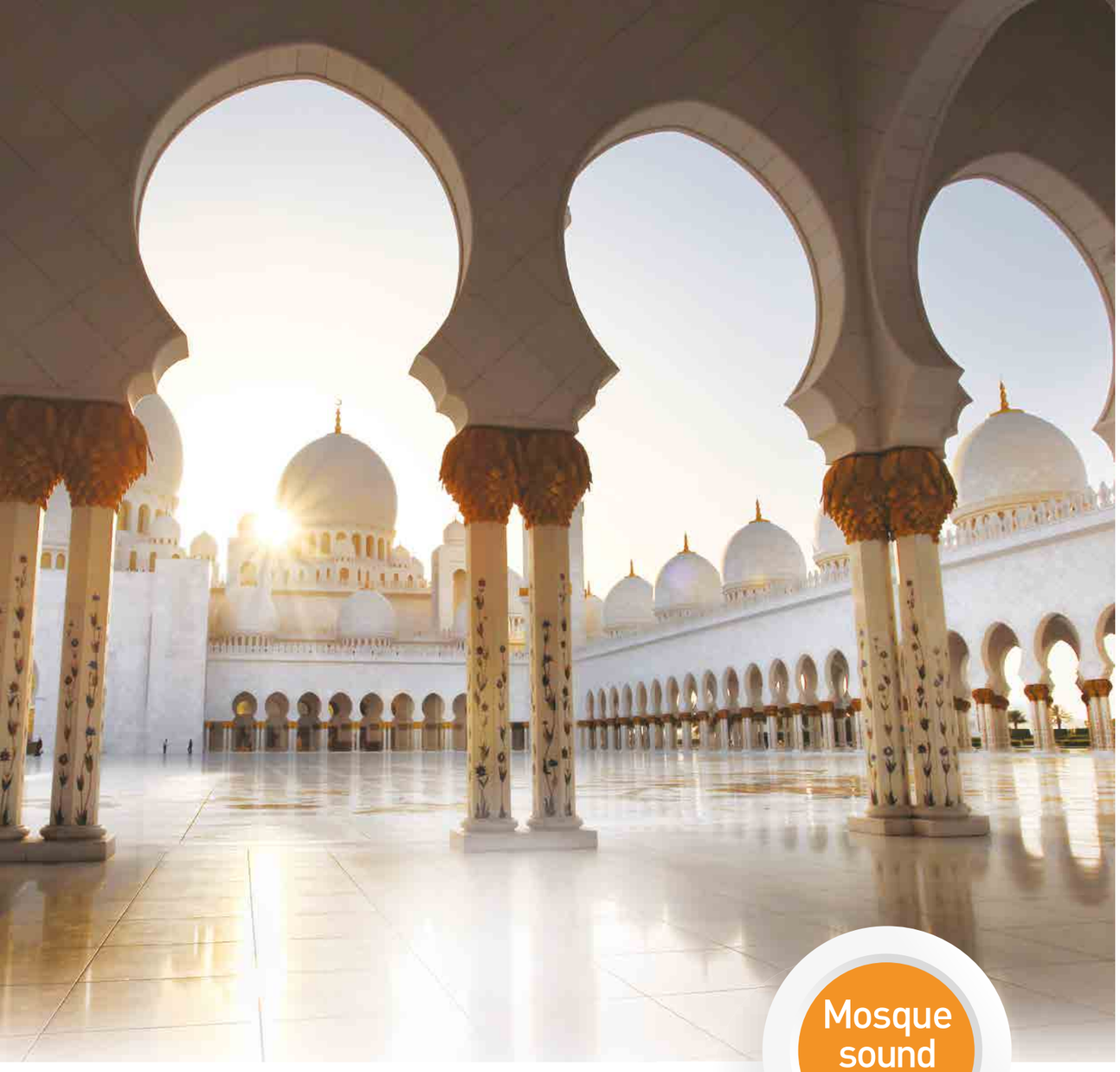


Mosque sound
made simple
Pray with faith.

MX-6224D

Digital Mixer Amplifier

The number of mosques around the world is rapidly increasing however there are very few sound systems that can match their complex needs, as well as their tight budget. TOA have created the MX-6224D, an affordable digital mixer amplifier, specifically to cater for medium and small mosques. The MX-6224D is a reliable and simple system, needing very little technical knowledge to operate, yet still maintains exceptional sound quality.

We supply sound, not equipment.
www.toa.eu

TOA

Digital Mixer Amplifier / **MX-6224D**



Features

- 240 W x 2 channels
- 3 band EQ on all 6 mic inputs allows users to easily find preferable sound quality without the technical experience other mixers with EQ function require
- 3 mic inputs have increased sensitivity to 6 dBV allowing freedom to move around the mic
- Optional remote control panel available
- Built-in speaker EQ reduces acoustic feedback and ensures more intelligible sound
- Built-in effector, realizing celestial sound in even small buildings

Applications

- Medium and small mosques

Specifications

	MX-6224D
Power Source	220 V – 240 V AC, 50/60 Hz
Power Output	240 W x 2 channels (100 V, 42 Ω, rated output)
Power Consumption	150 W (according to IEC60065), 650 W (at rated output, both channels)
Frequency Response	50 Hz - 20 kHz, ±3 dB (at 1/3 rated output, rated load, rom power amplifier input)
Distortion	Less than 1 % THD (at 1 kHz, 1/3 rated output power)
Input	MIC 1: –50 dB* (24 V phantom powered)/ –60 dB* (phantom power OFF), 600 Ω, electronically-balanced, ø6.3 mm phone jack MIC 2-4: –66 dB*, 200 Ω, electronically-balanced, XLR-3-31 type and ø6.3 mm phone jack (either one usable) MIC 5-6: –60 dB*, 600 Ω, electronically-balanced, XLR-3-31 type and ø6.3 mm phone jack (either one usable) AUX 1: –10 dB*, 10 kΩ mixed monaural, unbalanced, RCA pin jacks (1 pair) AUX 2: –20 dB*, 10 kΩ mixed monaural, unbalanced, ø3.5 mm mini jack (3P: stereo) Power amplifier input: 0 dB*, 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*, 600 Ω monaural, unbalanced, RCA pin jacks (1 pair) Effect bus output: 0 dB*, 600 Ω monaural, unbalanced, RCA pin jacks (1 pair) Preamplifier output: 0 dB*, 600 Ω monaural, unbalanced, RCA pin jacks (1 each for ROOM and OUTSIDE outputs)
S/N 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/DELAY/PLATE), 1 Effect Room size/Delay time selection switch (OFF/small/middle/large), 1 Effect output selection switch (ROOM/ROOM+OUTSIDE), 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
Dimensions (W x H x D)	420 x 99 x 364.8 mm
Weight	6.5 kg