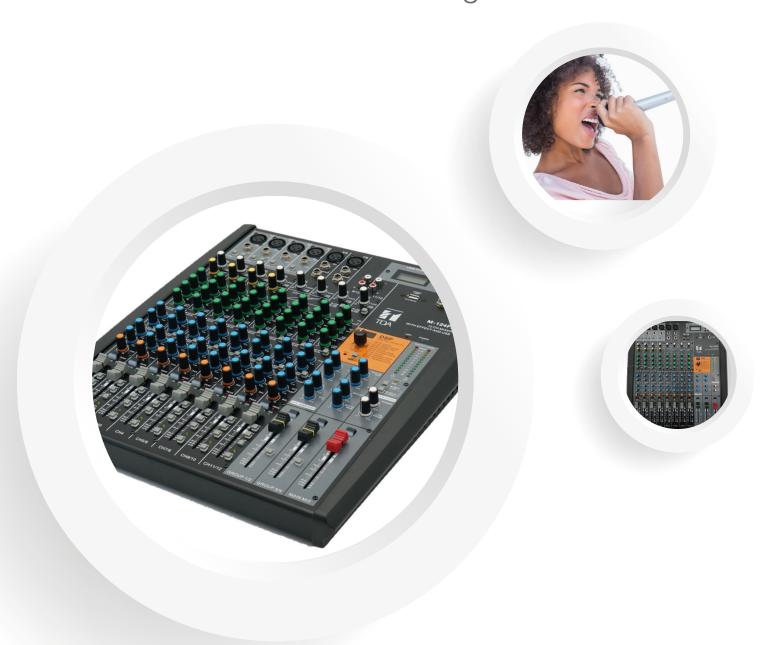# M-124FX-EB
Analogue Console Mixer

Experience the freedom to create your own sound.

M-124FX-EB

Analogue Console Mixer

TOA's M-124FX-EB is an analogue console mixer for small and medium applications. With 12 input channels and built-in DSP effect with 100 presets, the unit offers a good basis for use in a professional environment as well as for technical lay-persons. Still, the layout and technical features make the unit easy to use. These features make it a practical solution for applications such as Houses of Worship, multipurpose or conference rooms. In addition to speech transmission with optimal intelligibility, the mixer can also be used for live music. The M-124FX-EB features optimised DSP settings and a USB port with recording function.

FEATURES

- 12 input channels (4 mono + 4 stereo)
- 6 Mic input with +48V phantom power
- Low cut filter for MIC 1~4 input

- Built-in USB player with playback and recording
- Built-in 24-bit DSP effect with 100 presets

APPLICATIONS

Houses of Worship

Conference rooms

Multipurpose rooms

Small live venues

FEATURES

Power Source	100–240V AC 50/60 Hz
Power Consumption	30W
Audio Input	MIC input 1–8: -50dBu, 1.8kΩ, electronic balanced, female XLR connector LINE input 1–4: -30dBu, 10kΩ, electronics balanced, TRS phone-jack LINE input 5–8: -30dBu, 10kΩ, stereo pair, electronic balanced, TRS phone-jack LINE input 9–12: -20dBu, 10kΩ, stereo pair, unbalanced, RCA connector MAIN insert: 0dBu, 10kΩ, stereo pair, unbalanced, TRS phone-jack USB input: Audio formats: MP3, Format: FAT16, FAT32, Max. 32GB, USB (A) connector PC input: -30dBu, USB (B) connector
Audio Output	Main Mix Output: 0dBu, 120Ω, stereo pair, electronic balanced, male XLR connector / TRS phone-jack Main insert: 0dBU, 120Ω, stereo pair, unbalanced, TRS phone-jack DFX out: 0dBU, 120Ω, stereo pair, unbalanced, TRS phone-jack CTRL room: 0dBU, 120Ω, stereo pair, unbalanced, TRS phone-jack Group out 1–4: 0dBu, 120Ω, stereo pair, unbalanced, TRS phone-jack
Frequency Response	20–20,000 Hz, ±3dB
Total Harmonic Distortion	0.03% (LPF 20kHz)
S/N ratio	over 100dB (A weighted)
Crosstalk	over 90dB (A weighted)
Mute	over 120dB (A weighted)
Compressor	0–10dB
Equaliser	Channel 1–4: ±15dB at 80 Hz, ±12dB at 100Hz–8kHz, ±15dB at 12kHz Channel 5–12: ±12dB at 80Hz, ±15dB at 500Hz, ±15dB at 3kHz, ±12 at 12kHz
DSP Digital effects	100 preset effects: vocal, small room, large hall, echo, echo + reverb, flanger + reverb, plate, chorus (guitar), rotary (guitar), tremolo (guitar)
Phantom Power	+48 V DC, switchable, MIC input 1–8
Indicators	Power (green) x1, +48V (red) x1, mute (red) x11, signal (green) x8, peak (red) x8 Output level (green) x18, (yellow) x4, (red) x2 PFL (yellow) x9, DFX mute (red) x1, Compressor (yellow) x4
Operating Temperature	0°C to +40°C
Operating Humidity	90% RH or less (no condensation)
Finish	Case: surface-treated steel plate, black, paint
Dimensions	388.1 (W) x 433.2 (H) x 89.4 (D) mm
Weight	5.5kg
Accessory	ER type power cable x1, UK type power cable x1, rack mounting bracket x2, rack mounting screw x8

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