TOA

M-633D
DIGITAL STEREO MIXER



Acoustic perfection at a touch

For those who demand sound quality and clarity—
The Smart One-Touch Digital Mixer

Once again, TOA creates new value. With just the touch of a button, the M-633D automatically eliminates unpleasant reverberation and feedback to deliver clear, highly articulate sound. This new-concept digital stereo mixer is next-generation unique.



Provides automatic audio adjustment with push-button ease. You don't have to be a sound technician to operate the M-633D, and there's no need for complex PC settings.

Features an Automatic Resonance Control function, a Feedback Suppression function, and an Automatic Clipguard function for enhanced sound intelligibility.

Packs all the necessary functions in a compact 1U size.

Functions

Automatic Resonance Control (ARC)

An advanced measurement and processing algorithm improves speech intelligibility and sound quality in facilities with acoustically challenging environments. This function also automatically identifies room mode frequencies and applies an inverse response curve to compensate for the measured room response.

Feedback Suppressor (FBS)

The M-633D automatically suppresses sudden feedback that can occur when the person holding the microphone moves around.

Automatic Clipguard (ACG)

When the input sensitivity is set to either the MIC or PHANTOM position,the sensitivity is automatically switched to the line level in the presence of excessive input levels, thus preventing sound distortion.

Applications



Houses of worship



Gymnasiums



Meeting rooms

Specifications

*0 dB = 1V

input	6 monaural input channels, switchable LINE, MIC or PHANTOM •LINE : -10 dB*, 2.4k Ω •MIC : -46 dB*, 2.4k Ω •PHANTOM : -46 dB*, 2.4k Ω, +24V DC, electronically balanced •Removable terminal block(3 pins), phone jack 3 stereo inputs (L, R) •-10 dB* / 10k Ω, RCA jack, stereo mini jack	**Output**	2 monaural outputs •0 dB*, electronically balanced, removable terminal block (3 pins) 1 stereo output (L, R) •0 dB*, electronically balanced, removable terminal block (3 pins) 1 stereo recording output (L,R) •-10 dB*, RCA jack
Bus Line	Monaural channel x 2, stereo channel x 1	**Signal Processing**	Automatic Resonance Control (ARC) Feedback Suppressor (FBS) Automatic Clipguard (ACG) Automatic Mute
Frequency Response	20 Hz - 20 kHz		
Sampling Frequency	48 kHz / 24 bits		
Dynamic Range	90 dB or more (IHF-A weighted)		

Human Society with
Sound & Communication

TOA Corporation
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