TOA

DIGITAL STEREO MIXER

M-633D
(CE/CE-GB/CE-AU)

■DESCRIPTION

The M-633D is a stereo mixer equipped with 12 input channels (6 monaural inputs (*1) and 3 stereo inputs) and 6 output channels (2 monaural outputs, 1 stereo output, and 1 stereo recording output).
It has 2 monaural channel and 1 stereo channel bus lines, allowing each input signal to be assigned to each bus line individually.
It features digital signal processing functions such as Automatic Resonance Control function (ARC (*2)), Feedback Suppressor function (FBS), Automatic Clipguard function (ACG), and Automatic Mute function (AUTO MUTE (*3)).
It performs advanced acoustic compensation by means of automatic processing without the use of an acoustic measuring instrument.
It can be mounted in an EIA component rack (1U size).

(*1) Selectable from microphone input, line input, and phantom power supply input independently for each input.
(*2) A function that automatically creates a sound field compensation filter (ARC filter) to improve sound clarity by measuring the inherent acoustic characteristics in architectural space.
(*3) AUTO MUTE is also called as Ducker.

■SPECIFICATIONS

(*4) 0 dB = 1 V

Power Source	220 – 240 V AC, 50/60 Hz
Power Consumption	14 W
Frequency Response	20 Hz – 20 kHz
Sampling Frequency	48 kHz
Dynamic Range	90 dB or more (IHF-A weighted)
Distortion	0.03 % or less, 1 kHz, −10 dB(*4) input, 0 dB(*4) output (20 Hz – 20 kHz BPF)
Input	6 monaural input channels (MONO IN 1 – 6), selectable independently from 3 types of inputs below for each channel LINE : −10 dB(*4), 2.4 KΩ MIC : −46 dB(*4), 2.4 KΩ PHANTOM: −46 dB(*4), 2.4 KΩ supplies phantom power of +24 V DC, 10 mA electronically balanced Removable terminal block (3 pins), phone jack 3 stereo inputs (L, R) (STEREO IN 1 – 3) −10 dB(*4)/ 10 kΩ, RCA jack (STEREO IN 1 – 3), Stereo mini jack (ST IN 1)
Output	2 monaural output channels (MONO OUT 1, 2) 0 dB(*4) (applicable load: 1 kΩ or more), electronically balanced, removable terminal block (3 pins) 1 stereo output (L, R) channel (ST OUT L, R) 0 dB(*4) (applicable load: 1 kΩ or more), electronically balanced, removable terminal block (3 pins) 1 stereo recording output (L, R) channel (REC OUT L, R) −10 dB(*4) (applicable load: 1 kΩ or more), RCA jack
Bus Line	Monaural channel × 2, Stereo channel × 1
AD Converter	24 bits
DA Converter	24 bits
Signal Processing	
Automatic Resonance Control Function	3 output channels (each monaural output channel, stereo output L, R), independent settings for each channel, automatic creation of EQ curves (for sound field compensation) ARC measurement start switch × 1, Function ON/OFF check indicator × 1
Feedback Suppression Function	6 channels (each monaural input channel), independent settings for each channel Function ON/OFF switch × 6, Function ON/OFF check indicator × 6
Automatic Clipguard Function	6 channels (each monaural input channel), independent settings for each channel
Automatic Mute Function	Function ON/OFF switch × 1
Input Level Indicator	2-color LED indicator: Green (for appropriate level)/red (for peak level)
Output Level Indicator	2-color LED indicator: Green (for appropriate level)/red (for peak level)

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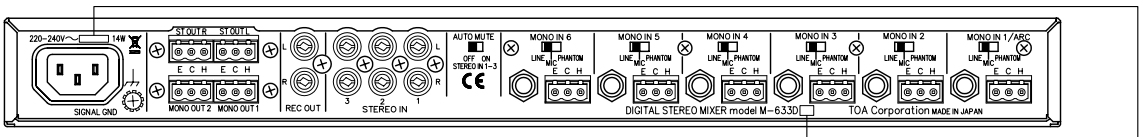
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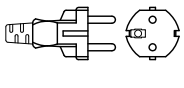
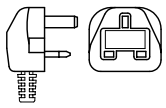
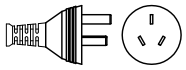
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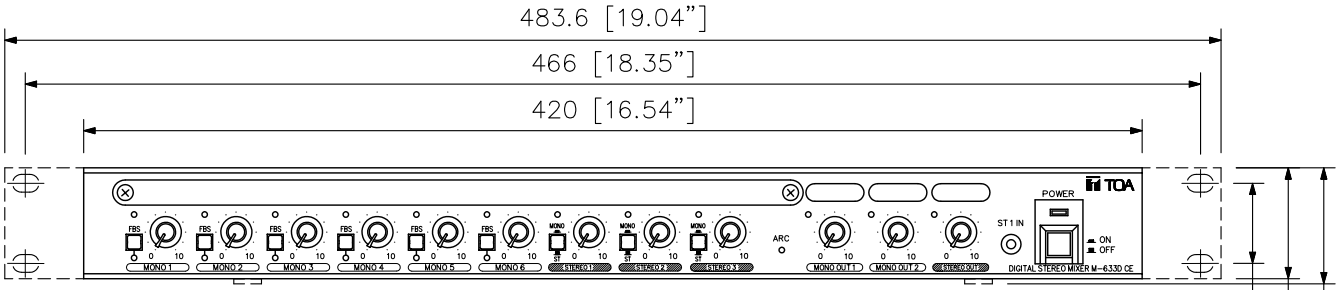
Finish	Panel: Aluminum, black, hairline Case: Precoated steel sheet, black, 30 % gloss
Dimensions	420 (W) × 44 (H) × 341.3 (D) mm (16.54" × 1.73" × 13.44")
Weight	4 kg (8.82 lb)
Accessories	Power cord (2 m (6.56 ft)) ·····1, Removable terminal plug (3 pins) ·····10, Rubber foot ·····4, Rack mounting bracket ·····2, Machine screw (M3 × 8) ·····6, Rack mounting screw (5 × 12) ·····4

■APPEARANCE

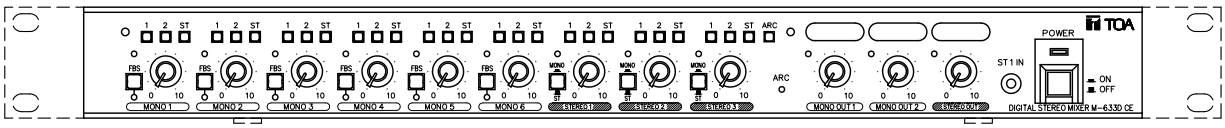


Rear View

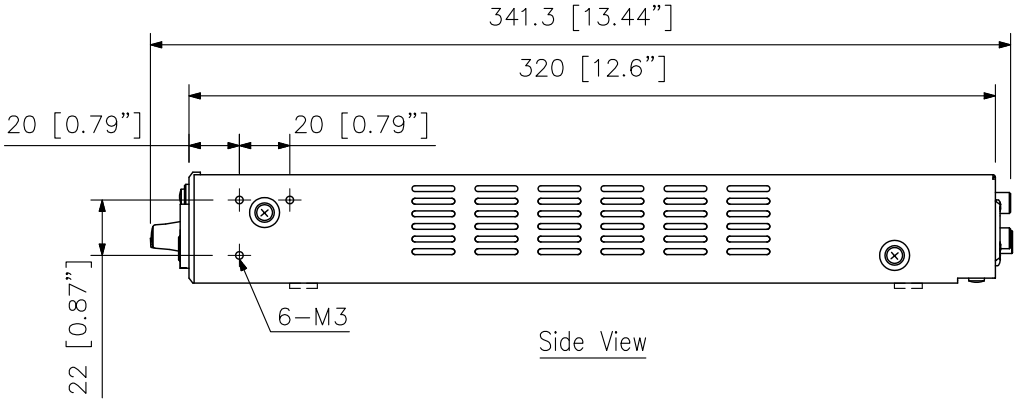
Model	CE	CE-GB	CE-AU
Indication	CE	CE-GB	CE-AU
	50/60Hz	50/60Hz	60Hz
AC plug			
C-tick	–	–	applicable



Front View



Front View with a assign cover detached



Side View

UNIT: mm SCALE: 1/3

TOA Corporation

DWG No: GM-010C1