

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

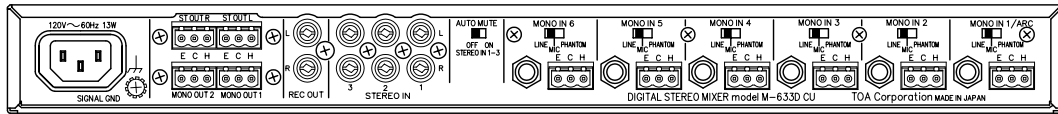
(*4) 0 dB = 1 V

Power Source	120 V AC, 60 Hz
Power Consumption	13 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 k Ω MIC : -46 dB(*4), 2.4 k Ω PHANTOM: -46 dB(*4), 2.4 k Ω 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 k Ω , 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 k Ω 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 k Ω 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 k Ω or more), RCA jack
Bus Line	Monaural channel \times 2, Stereo channel \times 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 \times 1, Function ON/OFF check indicator \times 1
Feedback Suppression Function	6 channels (each monaural input channel), independent settings for each channel Function ON/OFF switch \times 6, Function ON/OFF check indicator \times 6
Automatic Clipguard Function	6 channels (each monaural input channel), independent settings for each channel
Automatic Mute Function	Function ON/OFF switch \times 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)

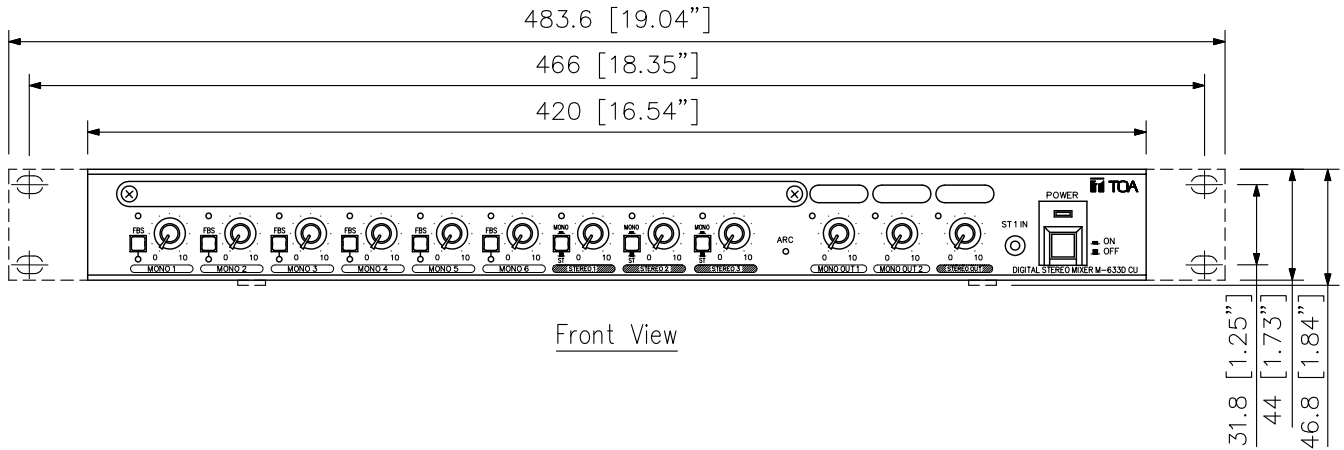
■ SPECIFICATIONS

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 foot4, Rack mounting bracket2, Machine screw (M3 × 8)6

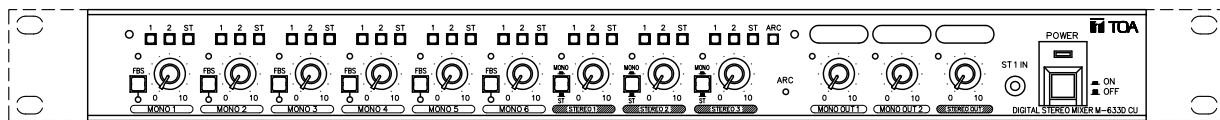
■ APPEARANCE



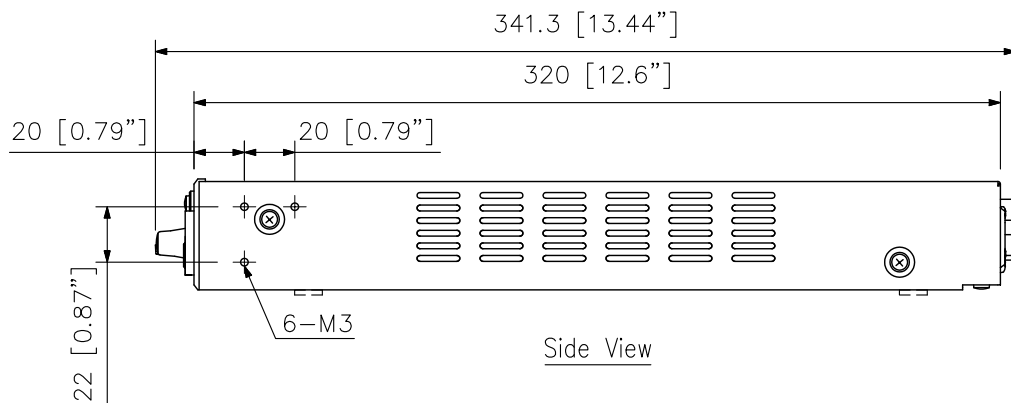
Rear View



Front View



Front View with a assign cover detached



Side View

UNIT:mm SCALE:1/3