TOA

DIGITAL MIXER

D-901(CE-GB)

■DESCRIPTION

The D-901 is a 19-type rack-mounted (3U high) digital mixer configured with 12 inputs, 8 buses, and 8 outputs. It features signal processing functions necessary for sound systems such as feedback suppression and auto-mixing.
Modular construction permits flexible configuration of inputs and outputs, from 2-IN/4-OUT to 12-IN/8-OUT systems.
All functional parameters can be set at the unit. Settings can be stored in the unit's internal memory as "preset memory" and can be recalled using the front panel-mounted operation keys.

■SPECIFICATIONS

* 0 dB = 0.775 V

Power Source	220 – 230 V AC, 50/60 Hz
Power Consumption	27 W
Frequency Response	20 Hz – 20 kHz, ±1 dB (+4 dB* input)
Input	Max. 12 channels, modular construction (modules optional)
Output	Max. 8 channels, modular construction (modules optional)
Signal Processing	
Feedback Suppression Function	12 filters (auto/dynamic)
Auto-Mixing Function	Ducker (automatic muting), NOM attenuation
Auto-Mixing Group	4 groups
Equalizer/Filter	Parametric equalizer: 20 Hz – 20 kHz, ±15 dB, Q: 0.267 – 69.249 Filtering: High-pass filter 20 Hz – 20 kHz, 6 dB/oct, 12 dB/oct Low-pass filter 20 Hz – 20 kHz, 6 dB/oct, 12 dB/oct Notch filter 20 Hz – 20 kHz, Q: 8.651 – 69.249 All-pass filter 20 Hz – 20 kHz, Q: 0.267 – 69.249 High shelving filter 6 – 20 kHz, ±15 dB Low shelving filter 20 – 500 Hz, ±15 dB Horn equalizer 20 kHz, 0 to +18 dB (1 dB steps) Crossover filter: 20 Hz – 20 kHz, 6 dB/oct, 12 dB/oct, 18 dB/oct, 24 dB/oct
Compressor/Auto-Leveler	(Compressor mode) Threshold: −20 to +20 dB (1 dB steps) Ratio: 1:1, 2:1, 3:1, 4:1, 8:1, 12:1, 20:1, ∞ :1 Attack time: 0.2 ms – 5 s Release time: 10 ms to 5 s Gain: −∞ to +10 dB (Auto-leveler mode) Target level: −20 to +10 dB (1 dB steps) Maximum gain: 0 to +20 dB (1 dB steps) Attack time: 10 ms – 10 s Release time: 100 ms to 10 s
Delay	Delay time: 0 – 682.6 ms (0.021 ms steps)
Matrix	12 × 8
Crosspoint Gain	−∞ to 0 dB (1 dB steps)
Preset Memory	16
Auxiliary Function	System Locking function
Control	RS-232C, D-sub connector (9 pins), Remote control module (option)
Front Panel Section	Preset memory recall key: 8 LCD screen, screen shift key (up/down/left/right), setting knob Input level indicator: Dual color LED Output level indicator: Dual color LED Channel selector key: 12 (input channel selection) 8 (output channel selection) Channel volume control: 1 (input channel selection) 1 (output channel selection)
Rear Panel	Input module slot: 6 (input/output module slot: 2) Output module slot: 2 Remote control module slot: 1
Operating Temperature	+5 °C to +40 °C (41 °F to 104 °F)
Finish	Panel: Aluminum, hair-line finish, black Others: Pre-coated steel plate, black, 30 % gloss
Dimensions	482.6 (W) × 132.6 (H) × 343.1 (D) mm (19" × 5.22" × 13.51") (excluding projection)
Weight	6.9 kg (15.21 lb)
Accessory	Power cord (2 m (6.56 ft)) ···1, Rack mounting screw ···4, Rack mounting bracket (preinstalled on the unit) ···2, Module mounting screw (spare) ···4, Blank panel (preinstalled on the module slot) ···9

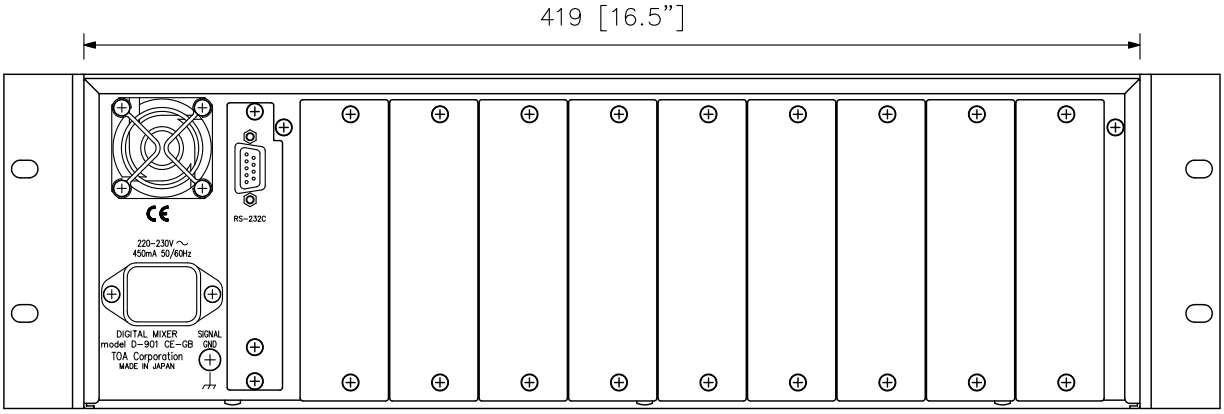
[Note] When installing the unit, never block the intake vents provided in the unit's bottom near the rear.

TOA

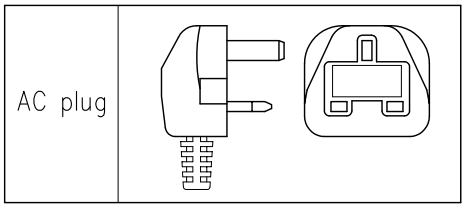
DIGITAL MIXER

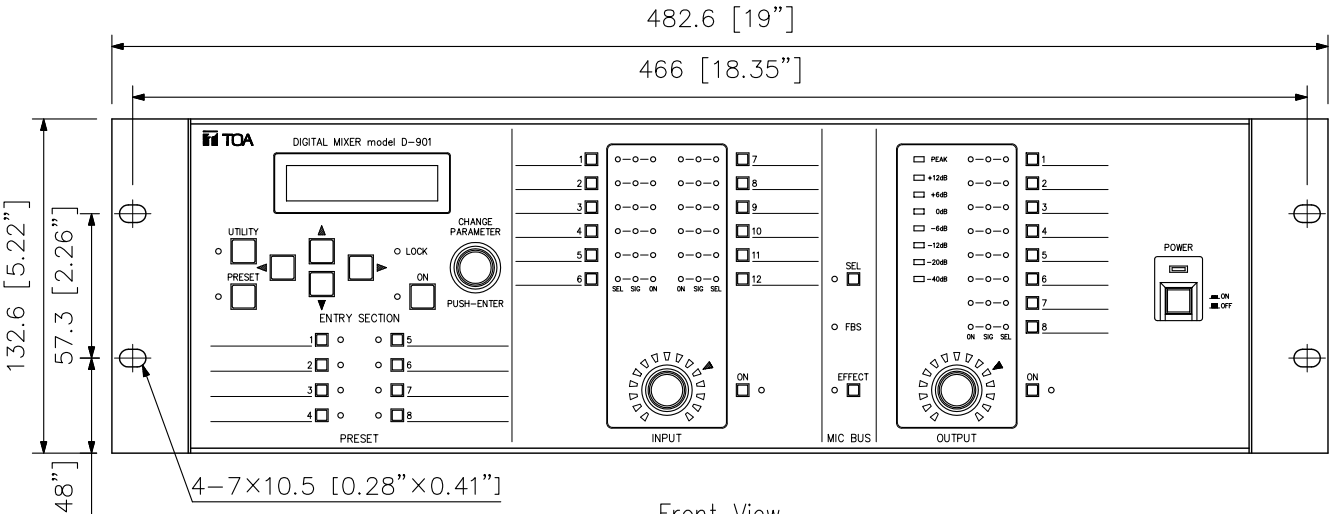
D-901(CE-GB)

■APPEARANCE

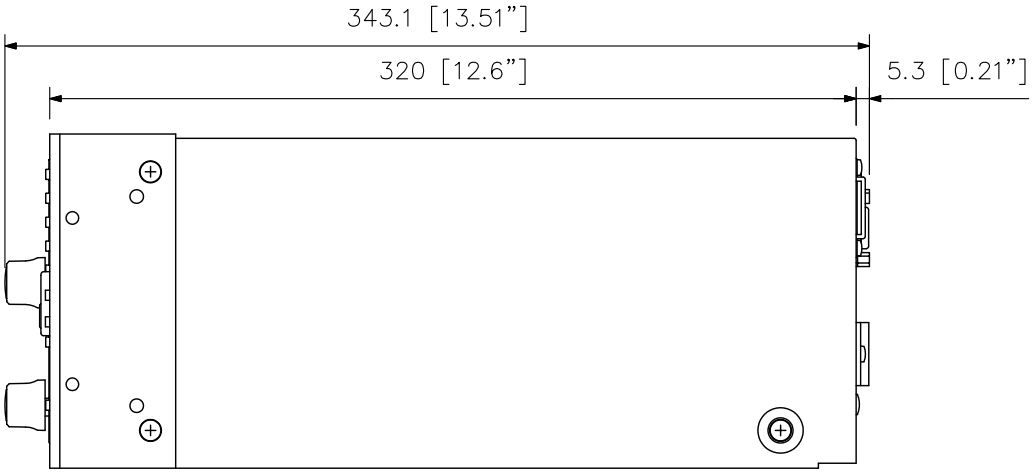


Rear View





Front View



Side View

UNIT: mm SCALE: 1/3

TOA Corporation

DWG No: GD-01GC1