TOA   DIGITAL MIXER AMPLIFIER   CP-9550M2   EB

■ DESCRIPTION

The CP-9550M2 EB Amplifier is designed to be used in conjunction with optional modules and can be configured for up to 8 inputs and 8 outputs. 9000 series modules as well as existing 900 series input modules can be used. The most appropriate modules can be selected depending on applications.

Since it comes with two 550W power amplifiers, it can individually perform multi-origin broadcasts.

It is equipped with signal processing and control functions necessary for sound reinforcement, permitting all parameters to be set at the mixer. Settings data can be stored inside the unit and called up using the keys on the front panel.

■ SPECIFICATIONS

Power Source	220-240 V AC，50/60Hz
Power Consumption	253 W
Audio Input	Max. 8 channels，modular construction [1]
Speaker Output1,2	550W×2 (4Ω)、350W×2 (8Ω)、Neutrik NL4MD-H-1×2
Amplifiercation system	Class D
Module Slot	Analog input (slot 1-8)：-10 dB [2]，10 kΩ，unbalanced Digital input (slot 1-4)：24 bit/48 kHz MIX output (slot 1-8)：-14 dB [2]，330 Ω (CH1 prefader output)，unbalanced Digital output (slot 5-7)：24 bit/48 kHz Power supply (slot 1-8)：+24 V，-24 V，+6 V DC
Digital Audio Signal Reference Level	-20 dB FS
Frequency Response	20 Hz ～ 20 kHz ，+1，-3 dB
Total Harmonic Distortion	0.3 %
S/N Ratio	At input short，20 Hz ~ 20 kHz ，ALL FLAT or OFF setting Output volume min. ：85 dB Output volume max. ：61 dB (input 1 volume：0 dB，other inputs：OFF)
Cross Talk	Over 60 dB (at 20 kHz)
Tone Control	Bass：± 12 dB (at 100 Hz)，Treble：± 12 dB (at 10 kHz)
Parametric Equalizer	10 bands，Frequency：20 Hz ~ 20 kHz ，31 points，Variable range：± 12 dB，Q：0.3 ~ 5
Speaker Equalizer	10 (PC software has 30 TOA speaker presets)
High-pass Filter	-12 dB/oct，Variable frequency range：20 Hz ~ 20 kHz ，31 points
High-pass Filter	-12 dB/oct，Variable frequency range：20 Hz ~ 20 kHz ，31 points
Compressor	Depth：1 ~ 5
Delay	0 ~ 40 ms (1 ms steps)，maximum 40 ms (CH1+CH2)，mixer mode only
Scene Memory	32
Auxiliary Function	Key lock function

Control Input/Output	RS-232C [3]，D-sub Connector (9P ，female)
	Control input: 4 inputs，no-voltage make contact input，Open voltage: 3.3V DC，
	                         short-circuit current: under 1 mA，removable terminal block (14 pins)
	Control output: 4 outputs，open collector output，withstand voltage: 27V DC，
	                         control current: 50mA，removable terminal block (14 pins)
	Remote volume: 2 channels，connect a 10kΩ/linear taper variable resister or input the
	                         DC voltage of 0 to +10V，removable terminal block (14 pins)

Operating Temperature	-10 to +40°C (14-104° F)
Operating Humidity	35 % to 80% RH (no condensation)
Finish	Panel: Aluminum，hair-line，black Case: Surface-treated steel plate，black，paint
Dimensions	420 (W)×107.6 (H)×415 (D)mm (16.54? x4.24? x16.34?)
Weight	9.6 kg (21.16 lb)

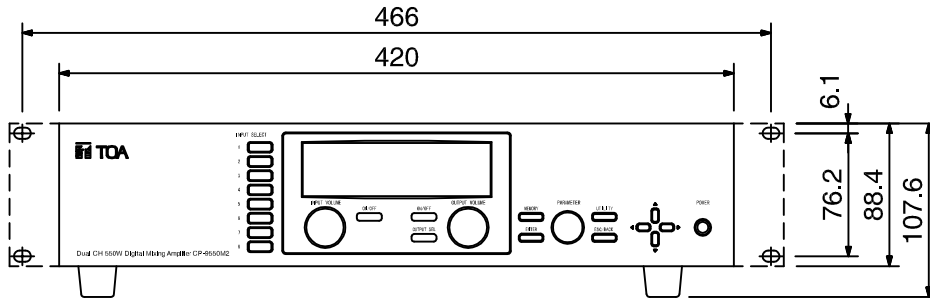[1] Factory slot 1 is already installed D-001T module, other modules must be purchased separately.
[2] 0 dB = 1 V
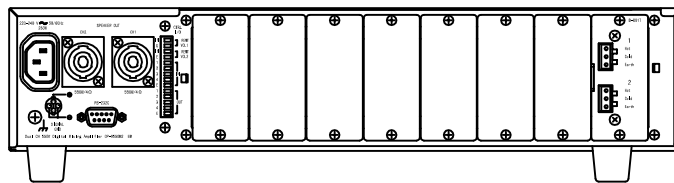[3] Allowing it to be controlled by a control system such as AMX and Crestron through RS-232C port.

Notes

※ The design and specifications are subject to change without notice for improvement.
※ AMX is trademark of AMX Corporation.
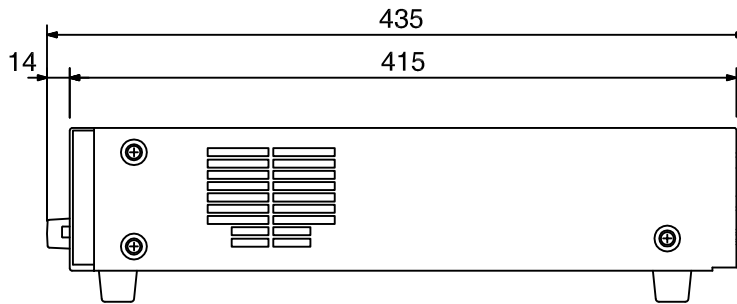※ Crestron is a trademark of Crestron Electronics，Inc.

UNIT：mm   SCALE：1/1
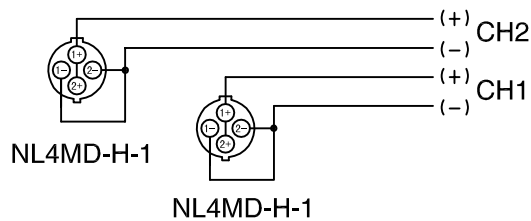
■ TOA   DIGITAL MIXER AMPLIFIER   CP-9550M2 EB

■ APPEARANCE

466

420

6.1

76.2

88.4

107.6

Front View

Rear View

435

14

415

Side View

(+) CH2
(−)
(+) CH1
(−)

NL4MD-H-1

NL4MD-H-1

Output terminal wiring diagram

UNIT: mm   SCALE: 1/1