TOA

AUDIO INTERFACE 6IN2OUT — CX-AF1062
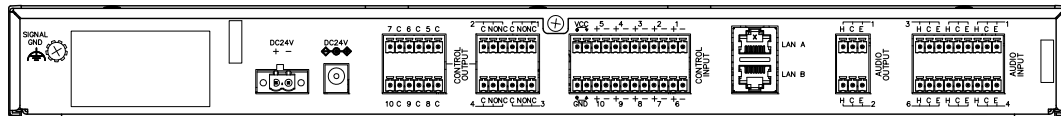
■DESCRIPTION

The CX-AF1062 is an Audio interface designed for the CX-1000 series IP communication system that features decentralized distribution configuration. By simply connecting to a network (LAN or WAN), it is possible to make audio announcements from the microphone or audio source devices connected to this unit to the intercom stations or amplifier units. By registering audio files in the unit's built-in memory, Chime broadcast and EV broadcast can be performed. It is equipped with 6 analog audio inputs and 2 analog audio outputs. You can adjust the volume for each audio input/output channel using the front panel-mounted volume knob or by software. In addition, the sound quality for each audio input/output channel can also be adjusted by software. Announcements and various functions can be started or stopped using the front panel-mounted direct keys.
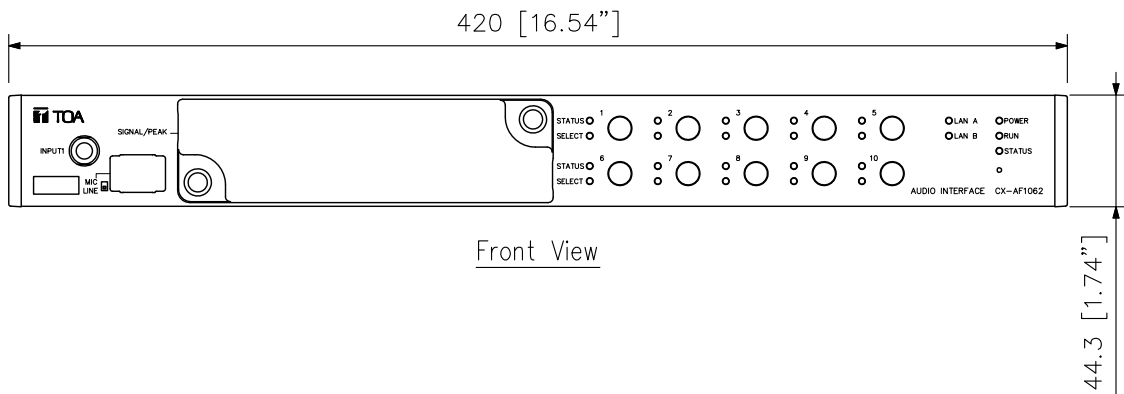
■SPECIFICATIONS

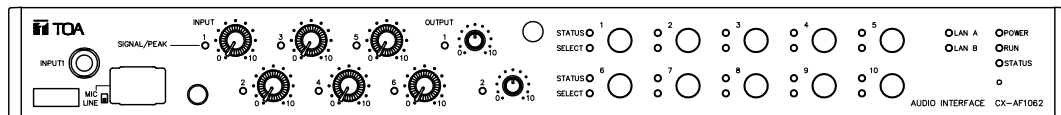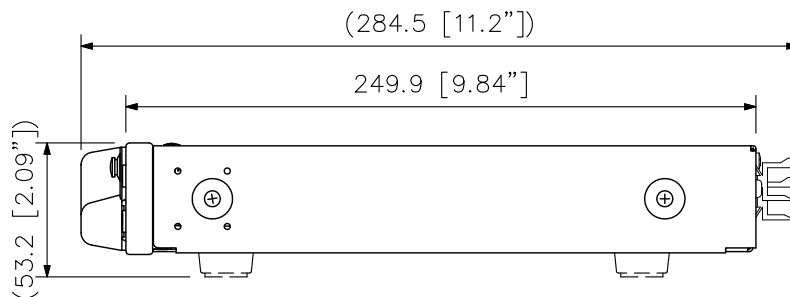|	
Power Supply	24 V DC (operating range: 21.6 – 26.4 V DC) Removable terminal block (2 pins) or use of the optional AC adapter
Current Consumption	340 mA
Power Consumption	8 W
Audio Input	3 channels, −60 dB (∗1)/0 dB (∗1) selectable, 600 Ω, transformer-balanced 3 channels, 0 dB (∗1), 10 kΩ, electronically-balanced Removable terminal block (9 pins × 2) Only Input 1 is used in common with the front-mounted ø6.3 mm phone jack.
Audio Output	2 channels, 0 dB (∗1), 10 kΩ, electronically-balanced, removable terminal block (3 pins × 2)
Audio Bandwidth	200 Hz – 16 kHz
Signal to Noise Ratio	60 dB or more
Distortion	1% or less
Volume Control	Audio input volume control × 6, Audio output volume control × 2
Signal Processing	Input channel: Gain, EQ × 2, Comp, AGC, Trim, Gate (for VOX function) Output channel: Gain, EQ × 7
Network	Network I/F: 100BASE-TX Network protocol: TCP/IP, UDP, ARP, ICMP, HTTP, RTP, RTSP, IGMP, NTP, FTP, RSTP Audio packet transmission system: Unicast, Multicast Number of paging destinations: Unicast (max. 16), Multicast (max. 2999) Connector: RJ45 connector × 2 Network cable: UTP (Cat5 or greater)
Audio Transmission Method	Sampling frequency: 48 kHz, 16 kHz (controllable on the software) Audio codec: PCM, G.722 Quantization bit depth: 16-bit Voice packet loss recovery: Silence insertion
Operation	Direct key × 10, Reset key × 1, Setting switch (input level setting (MIC/LINE selectable)) × 1
Indicators	LED indicators: LAN (green) × 2, POWER (green) × 1, RUN (green) × 1, STATUS (yellow, red, green) × 1, INPUT (red, green) × 6, OUTPUT (red, green) × 2 Direct keys: SELECT (green) × 10, STATUS (yellow, red, green) × 10
Control Input	10 channels, no-voltage make contact input, open voltage: 24 V DC, short-circuit current: 5 mA or less, removable terminal block (12 pins × 2)
Control Output	4 channels, relay output, maximum contact capacity : 30 V DC/1.0 A, removable terminal block (6 pins × 2) 6 channels, open collector output, maximum contact capacity : 30 V DC/100 mA, removable terminal block (6 pins × 2)
Installation Method	Desktop, rack, or wall mounting (Rack or wall mounting needs optional brackets.)
Operating Temperature	0 ℃ to +40 ℃ (32 ℉ to 104 ℉)
Operating Humidity	90 %RH (no condensation)
Finish	Panel, Case: Pre-coated steel plate, black, 30 % gloss Front cover: ABS resin, gray smoke
Dimensions	420 (W) × 44.3 (H) × 284.5 (D) mm (16.54" × 1.74" × 11.2")
Weight	3.1 kg (6.83 lb)
Accessory	Removable terminal plug 2 pins) ⋯1, Removable terminal plug (3 pins) ⋯2, Removable terminal plug (6 pins) ⋯4, Removable terminal plug (9 pins) ⋯2, Removable terminal plug (12 pins) ⋯2, Plastic foot ⋯4, Screw for fitting plastic foot ⋯4 Removable terminal plug 2 pins) ⋯1
Option	AC adaptor: AD-246 Wall mounting bracket: YC-850 Rack mounting bracket: MB-15B

(∗1) 0 dB = 1 V

TOA Corporation

■APPEARANCE

Rear View

420 [16.54"]

Front View

44.3 [1.74"]

Front View with a cover detached

(284.5 [11.2"])

249.9 [9.84"]

53.2 [2.09"]

Side View

UNIT:mm   SCALE:1/3   Note: Numerical values in parentheses are for reference only.