

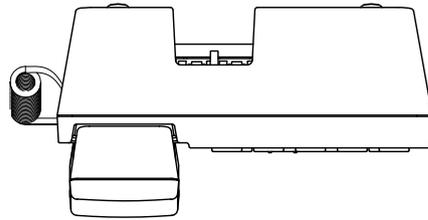
■DESCRIPTION

The CX-OP1500 is an Operation station designed for the CX-1000 series IP communication system. By connecting this station to a network (LAN or WAN), hands-free and handset voice conversations can be made using this station or other intercom stations. You can make broadcasts not only to the same model stations and other intercom stations, but also to the audio interface and amplifier units. It is equipped with an LCD, a one-touch dialing function, a headset terminal, and an external speaker terminal. Power can be supplied from a PoE-compatible switching hub (in this case, an optional AC adapter is not required). The CX-OP1500 supports the SIP protocol, which allows conversations with general-purpose SIP phones via the System manager. The supplied Angle adjustment stand allows you to adjust the angle when it is placed on a desk.

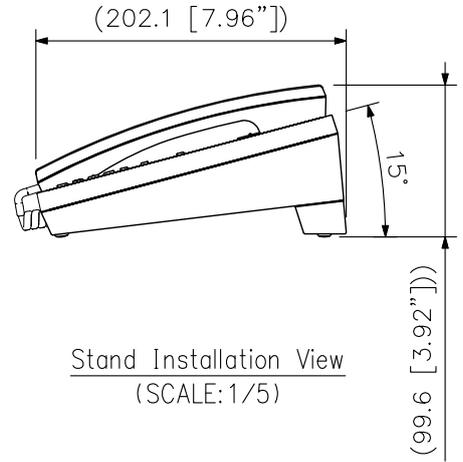
■SPECIFICATIONS

Power Source	PoE (IEEE802.3af compliant) or 12 V DC (use of the optional AC adapter)
Current Consumption	PoE: 120 mA, 12 V DC (AC adapter): 340 mA
Power Consumption	4.5 W
Speech Method	Handset: Full-duplex Hands-free: Full-duplex (echo canceler + voice switch), Half-duplex (PTT)
Frequency Response	Conversation/Broadcast: 300 Hz - 7 kHz
Hands-free	Speaker: Dynamic type speaker, maximum output 2.0 W Microphone: Omni-directional digital MEMS microphone × 2
Handset	Receive path: Dynamic type speaker Send path: Electret condenser microphone
Headset	Speaker: Dynamic type speaker, 32 Ω, Ø3.5 mm mini jack Microphone: Electret condenser microphone, Ø3.5 mm mini jack
External Speaker	Maximum output 2.0 W, 8 Ω, push-in terminal (2 pins)
Signal Processing	Input channel: Gain, EQ × 2, Comp, AGC, noise canceler, echo canceler, voice switch, microphone array, speech enhancement Output channel: Gain, EQ × 7
Network	Network I/F: 100Base-TX Network protocol: TCP/IP, UDP, ARP, ICMP, HTTP, RTP, RTSP, IGMP, NTP, SIP, FTP, RSTP Audio packet transmission method: Unicast, Multicast Number of broadcasting destinations: Unicast (max. 16), Multicast (max. 2999) Connector: RJ45 connector × 2, LAN A (PoE compatible), LAN B (PoE incompatible) Network cable: UTP (Cat5 or greater)
Audio Transmission	Sampling frequency: 16 kHz, 8 kHz (controllable on the software) Audio codec: PCM, G.722, G.711 μ-Law/A-Law Quantization bit depth: 16-bit Voice packet loss recovery: Silence insertion
Operation	Dial key, Direct key ×10, Function 1, Function 2, Broadcast, Hold, Transfer, PTT, Cancel
Indicators	LCD : 16 characters × 2 lines LED indicators: RUN (green) × 1, STATUS (yellow, red, green) × 1
Control Input	2 channels, no-voltage make contact input, open voltage: 12 V DC, short-circuit current: 5 mA or less, push-in terminal (3 pins)
Control Output	2 channels, open collector output, maximum contact capacity : 30 V DC/100 mA, push-in terminal (3 pins)
Installation Method	Desktop installation or wall mounting (Wall mounting needs an optional bracket.)
Operating Temperature	0 °C to +40 °C (32 °F to 104 °F)
Operating Humidity	90 %RH (no condensation)
Finish	ABS resin, dark gray
Dimensions	148 (W) × 78.9 (H) × 200 (D) mm (5.83" × 3.11" × 7.87") (excluding cord)
Weight	760 g (1.68 lb)
Accessory	Stand *1, Stand fixing screw *2, Zip tie *2
Option	AC adaptor: AD-1210P, AD-1215P Wall mounting bracket: YC-1001

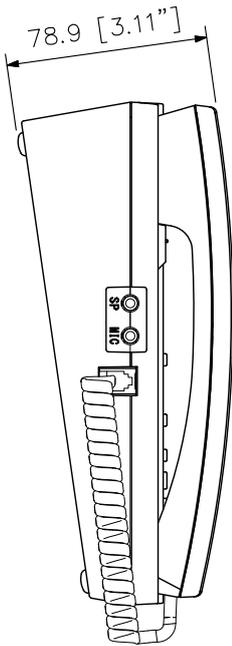
■ APPEARANCE



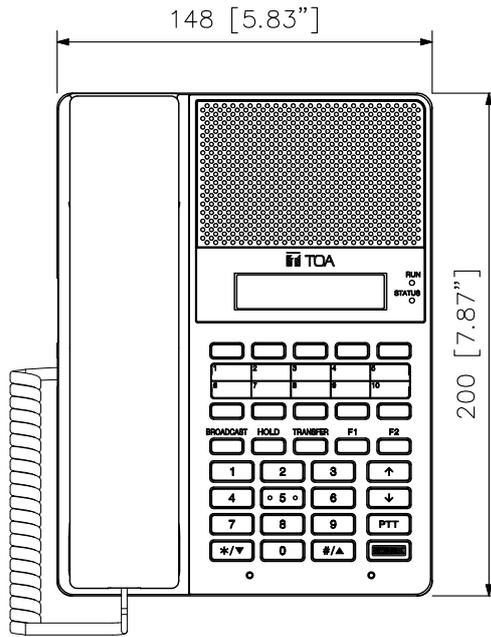
Rear View



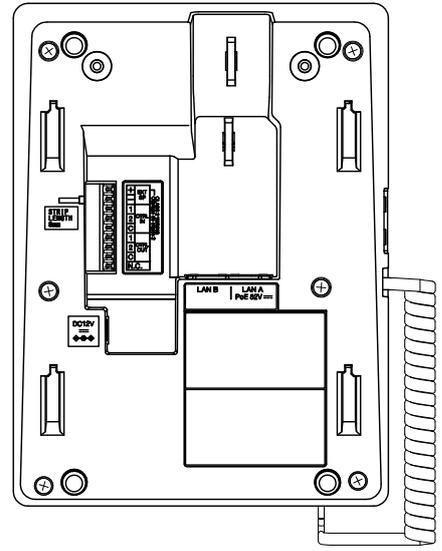
Stand Installation View
(SCALE:1/5)



Side View



Top View



Bottom View