

DESCRIPTION

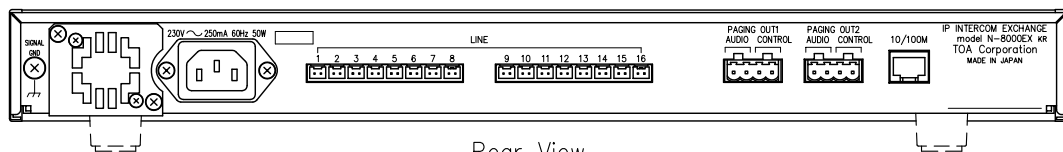
The IP Intercom Exchange uses packet audio technology to permit connection of up to sixteen N-8000 Series stations, and features two outputs for public address paging. Simultaneous hands-free conversation is possible between stations. Moreover, the exchange is equipped with a networking interface, allowing up to 80 exchanges to be connected over a network using additional IP intercom exchanges. The Exchange can be mounted in an EIA standard rack (1-unit size) or to a wall using the supplied bracket.

■ SPECIFICATIONS

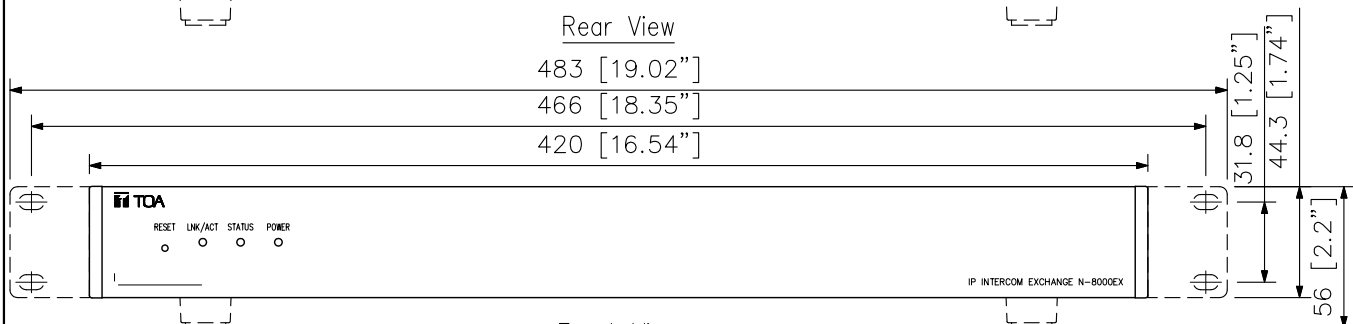
* 0 dB = 1 V

Power Source	230 V AC, 60 Hz
Power Consumption	50 W (at rated), 75 W (max.)
Interface Section for station	<p>Number of lines: 16 lines</p> <p>Number of speech link: Internal: 4/External: 8</p> <p>Type of Speech Path: Space sharing/Time Space sharing</p> <p>Transmission system: 2 wire 160 kbps echo canceller transmission system</p> <p>Signal Level: 0 dB* or less</p> <p>Transmission range: Max. 1500 m (1640.42 yd) ($\phi 0.65$ mm ($\phi 0.03$"), Loop resistance 170 Ω)</p> <p>Speech method: Simultaneous conversation by way of echo canceller (Hands-free), Simultaneous conversation by way of echo canceller or Half-duplex conversation by way of voice switch (Handset), PTT conversation</p> <p>Connector: Dedicated connector</p> <p>Wiring method: 1 set of twisted pair cable</p> <p>Feeding voltage/current: 48 V DC, Max. 70 mA</p>
Paging Output	<p>Audio: 2 channels Max. 0 dB*, 600 Ω, balanced</p> <p>Control: 2 channels, relay contact output, contact capacity: 24 V DC/0.5 A</p> <p>Connector: Removable terminal block</p>
Network Section	<p>Network I/F: 10BASE-T/100BASE-TX (Automatic-Negotiation)</p> <p>Network protocol: TCP/IP, UDP, HTTP, RTP, ARP, ICMP, IGMP</p> <p>Audio packet transmission system: Unicast, Multicast</p> <p>Number of paging destinations: Unicast (max. 16), Multicast (max. 79)</p> <p>Connector: RJ45 connector</p> <p>Voice sampling frequency: 16 kHz, 8 kHz (controllable on the software)</p> <p>Quantifying bit number: 16-bit</p> <p>Voice encoding method: Sub-band ADPCM, Cryptosystem</p> <p>Voice packet loss recovery: Silence insertion</p> <p>Audio delay time: 80 ms, 320 ms (controllable on the software)</p>
Indication	Network LNK/ACT indication, Status lamp, Power-on indication lamp
Other	<p>Firmware update function, System data hold function, Reset switch (front panel)</p> <p>Forced air cooling, Time of day hold facility</p>
Installation Method	Rack, Desk, Surface mount
Operating Temperature	0 °C to +40 °C (32 °F to 104 °F)
Operating Humidity	90 %RH or less (no condensation)
Finish	Pre-coated steel plate, black, 30 % gloss
Dimensions	420 (W) x 44.3 (H) x 356 (D) mm (16.54" x 1.74" x 14.02")
Weight	4.1 kg (9.04 lb)
Accessory	<p>AC power cord (2 m (6.56 ft)) ---1, CD (for PC setting, maintenance use) ---1,</p> <p>Removable terminal plug (4 pins) ---2, Mini-clamp plug (2 pins) ---20,</p> <p>Plastic foot ---4, Screw for fitting plastic foot ---4,</p> <p>Rack mounting bracket ---2, Screw for rack mounting ---4,</p> <p>Wall mounting bracket ---2, Screw for mounting bracket ---8,</p> <p>Screw for wall mounting ---4</p>

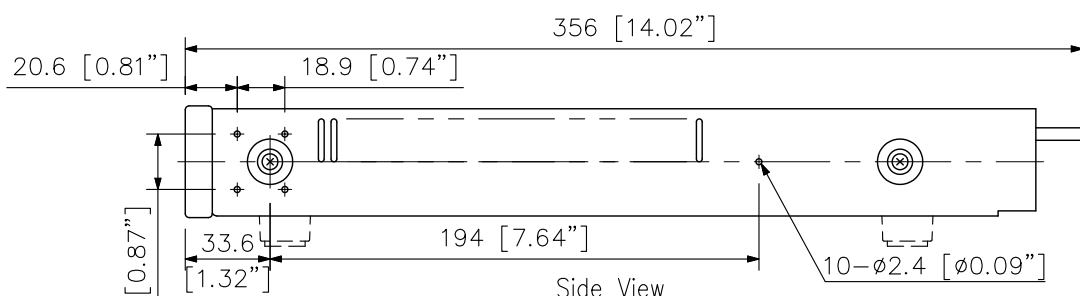
■ APPEARANCE



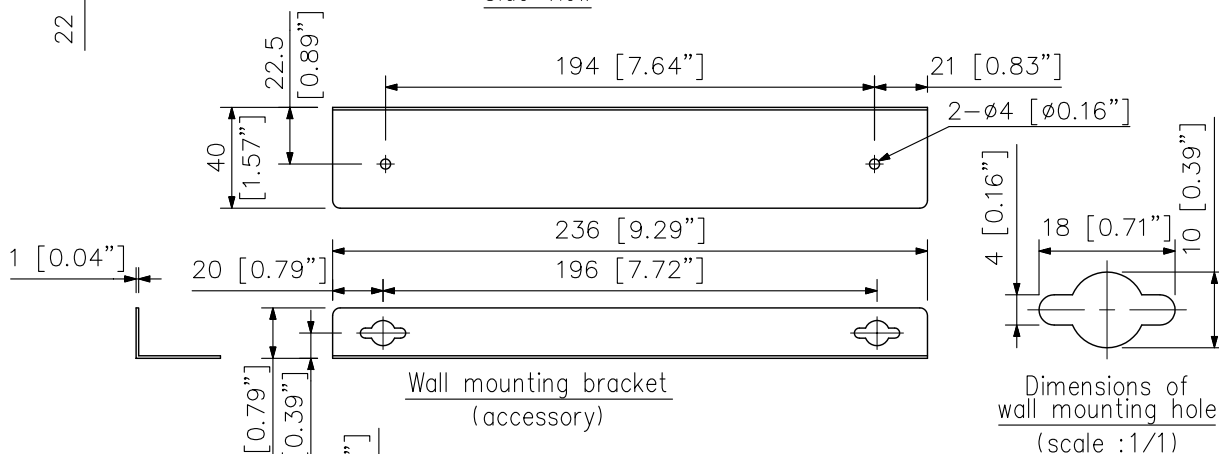
Rear View



Front View



Side View



Wall mounting bracket
(accessory)

Dimensions of
wall mounting hole
(scale :1/1)

Wall mounting
installation
(scale:1/6)

UNIT:mm SCALE:1/3