

DESCRIPTION

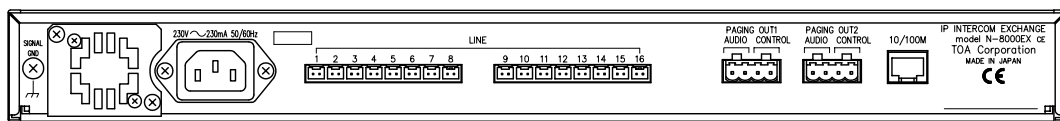
The IP Intercom Exchange uses packet audio technology to permit connection of up to sixteen N-8000 Series stations, and features two outputs for public address paging. Hands-free conversation is possible between stations. Moreover, the exchange is equipped with a networking interface, allowing up to 192 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

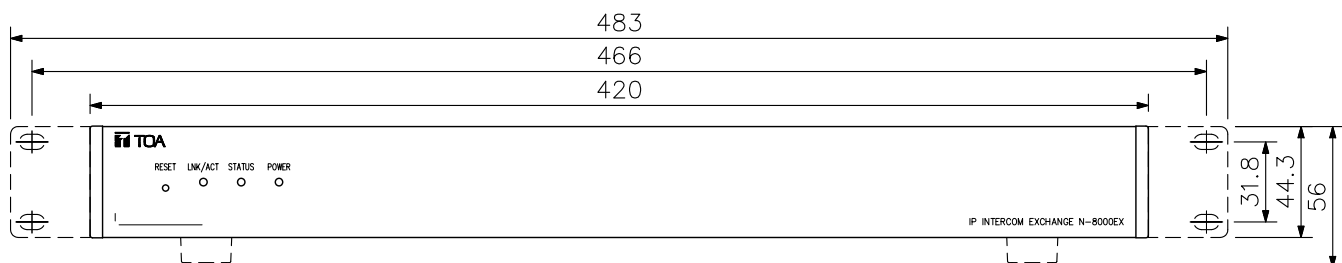
* 0 dB = 1 V

Power Source	230 V AC, 50/60 Hz
Power Consumption	50 W (at rated), 75 W (max.)
Type of Speech Path	Space sharing/Time Space sharing
Speech Link	Internal: 4/External: 8 (both Half duplex/Full duplex use)
Hands-free Speech Method	Simultaneous conversation by way of echo canceller or Half-duplex conversation by way of voice switch
Line Capacity	Up to 16 stations
Wiring Method	Non-polar one pair stranded wire system
Transmission System	2 wire 160 kbps echo canceller transmission system
Signal Level	0 dB* or less
Transmission Range	Max. 1500 m (ø0.65 mm, Loop resistance 170 Ω)
Power Supply to Station	48 V DC, Max. 70 mA
Paging Output	Audio: 2 channels Max. 0 dB*, 600 Ω, balanced, removable terminal block Control: 2 channels, no-voltage make contact output (24 V DC/0.5 A), removable terminal block
Connecting Terminal	Dedicated connector
Others	Firmware update function, System registration data entry hold facility, Time of day hold facility, Forced air-cooling, Reset switch (front panel)
Network Section	
Network I/F	10BASE-T/100BASE-TX (Automatic-Negotiation)
Network Protocol	TCP/IP, UDP, ARP, ICMP, HTTP, RTP, IGMP
Audio Packet Transmission System	Unicast (simultaneous paging to up to 16 zones) Multicast (simultaneous paging to up to 191 zones)
Connector	RJ45 connector
Voice Sampling Frequency	16 kHz, 8 kHz (controllable on the software)
Quantifying Bit Number	16-bit
Voice Encoding Method	Sub-band ADPCM, Cryptosystem
Voice Packet Loss Recovery	Silence insertion
Audio Delay Time	80 ms, 320 ms (Controllable on the software)
Indication	
Installation Method	Network LNK/ACT indication, Status lamp, Power-on indication lamp
Operating Temperature	Rack, Desk, Surface mount
Operating Humidity	0 °C to +40 °C
Finish	90 %RH or less (no condensation)
Dimensions	Pre-coated steel plate, black, 30 % gloss
Weight	420 (W) x 44.3 (H) x 356 (D) mm
Accessory	4.1 kg
	AC power cord (2 m)···1, CD (for PC setting, maintenance use)···1, Removable terminal plug (4 pins)···2, Mini-clamp plug (2 pins)···20, Plastic foot···4, Screw for fitting plastic foot···4, Rack mounting bracket···2, Screw for rack mounting···4, Wall mounting bracket···2, Screw for mounting bracket···8, Screw for wall mounting ···4

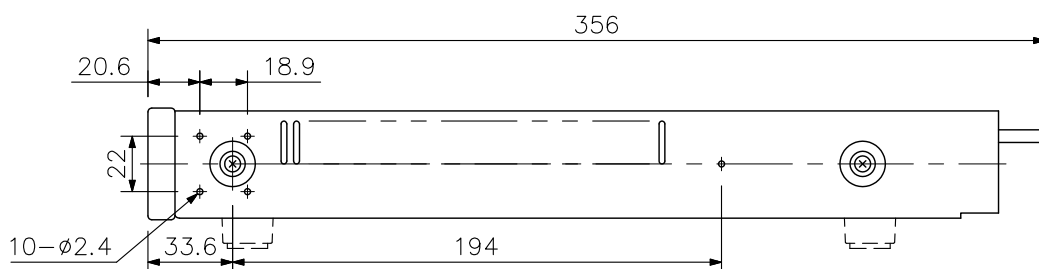
■ APPEARANCE



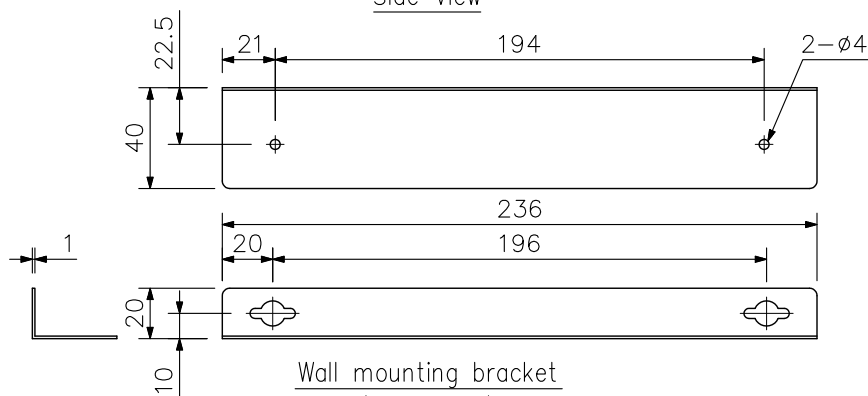
Rear View



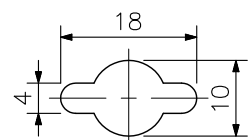
Front View



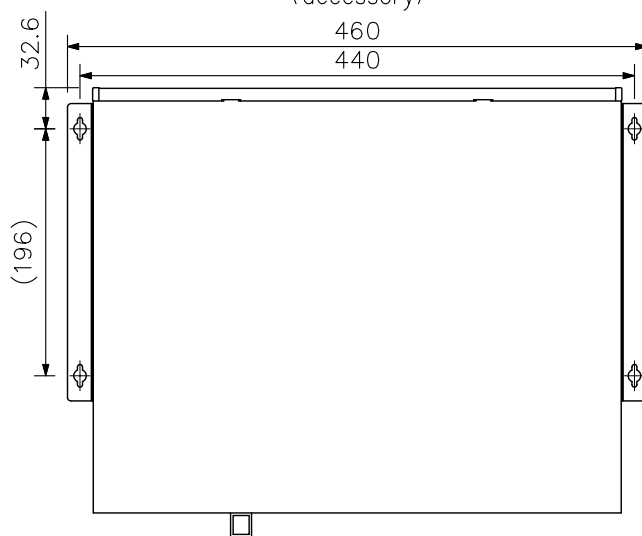
Side View



Wall mounting bracket (accessory)



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



Wall mounting installation (scale: 1/6)

UNIT:mm SCALE:1/3