TOA

SUB STATION INTERFACE UNIT N-8400RS(CE)

■DESCRIPTION

The N-8400RS is a Sub-station interface unit designed for use with TOA's packet intercom system (IP network-compatible intercom system) that employs the packet audio technology.
Up to 16 sub-stations can be connected using 2 sets of twisted pair cables.
The number of LAN-connected N-8000 system components such as the N-8400RS and IP intercom exchanges is 192 maximum in total.
Connecting the unit to the LAN permits the sub-station to receive paging calls and make calls to both the master station connected to the IP intercom exchange and the IP master station.
It can be mounted in an EIA equipment rack (1U size) with the use of an accessory rack mounting bracket or installed on a wall using an optional wall mounting bracket.

■SPECIFICATIONS

Power Source	220 - 240 V AC, 50/60 Hz
Power Consumption	30 W (at rated), 45 W (max.)
Interface Section for Sub-station	Number of lines: 16 lines Number of speech link: 2 links Transmission system: Analog baseband Transmission range: 1000 m (1093.61 yd)/Ø0.5 mm (AWG24), 1500 m (1640.42 yd)/ Ø0.65 mm (AWG21), 2000 m (2187.23 yd)/Ø0.9 mm (AWG19) Speech method: Half-duplex conversation by way of voice switch (Hands-free), Full-duplex (Handset), Half-duplex conversation through PTT operation on the master station Connector: Removable terminal block (4 pins) Wiring method: 2 sets of twisted pair cables Audio output: Conversation: Max. 1 W, Paging: Max. 0.5 W/line Feeding voltage/current: 24 V DC, 30 mA max. Control signal: Call in button detection, hook detection
Network Section	Network I/F: 10BASE-T/100BASE-TX (Automatic-Negotiation) Auto MDI/MDI-X compatible Network protocol: TCP/IP, UDP, HTTP, RTP, ARP, ICMP, IGMP Audio packet transmission system: Unicast (Speech: 2 links) 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	Network LNK/ACT indication, Status lamp, Power-on indication lamp
Other	Firmware update function, System data hold function, Reset switch (front panel)
Setting 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 325.5 (D) mm (16.54" X 1.74" X 12.81")
Weight	4 kg (8.82 lb)
Accessory	Power cord (2 m (6.56 ft))···1, CD (for PC setting, maintenance use)···1, Removable terminal plug (4 pins)···16, Plastic foot···4, Screw for fitting plastic foot···4, Rack mounting bracket···2, Screw for mounting bracket···8, Screw for rack mounting···4
Option	Wall mounting bracket: YC-850

■APPEARANCE

Rear View

420 [16.54"]

Front View

44.3 [1.74"]

325.5 [12.81"]
309 [12.17"]

Side View

51.1 [2.01"]

UNIT:mm   SCALE:1/3

TOA Corporation