

N-8400RS CU

SUB STATION INTERFACE UNIT



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.

Key features

Specifications

Power Source	CE version: 220 – 240 V AC, 50/60 Hz CU version: 120 V AC, 50/60 Hz
Power Consumption	CE version: 30 W (at rated), 45 W (max.) CU version: 35 W (at rated), 50 W (max.)
Number of Line	16 lines
Number of Speech Links	Internal: 1/External: 2
Transmission System	Analog baseband
Transmission Range	1000 m/ø0.5 mm (AWG24), 1500 m/ø0.65 mm (AWG21), 2000 m/ø0.9 mm (AWG19)
Speech Method	Half-duplex conversation by way of voice switch (Hands-free), Full-duplex (Handset)
Connector	Removable terminal block (4 pins)
Wiring Method	2 sets of twisted pair cables
Audio Output	Max. 1 W/line (conversation), Max. 0.5 W/line (paging)
Control Signal	Call in button detection, hook detection
Network I/F	10BASE-T/100BASE-TX (Automatic-Negotiation)
Network Protocol	TCP/IP, UDP, HTTP, RTP, ARP, ICMP, IGMP
Audio Packet Transmission System	Unicast, Multicast
Number of Paging Destinations	Unicast (max. 8), Multicast (max.191)
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)
Indicator	LNK/ACT indicator, Status indicator, Power indicator
Dimensions	420 (w) x 44.3 (h) x 325.5 (d) mm
Weight	4 kg