TOA

IP MASTER STATION

N-8600MS(Y)

■DESCRIPTION

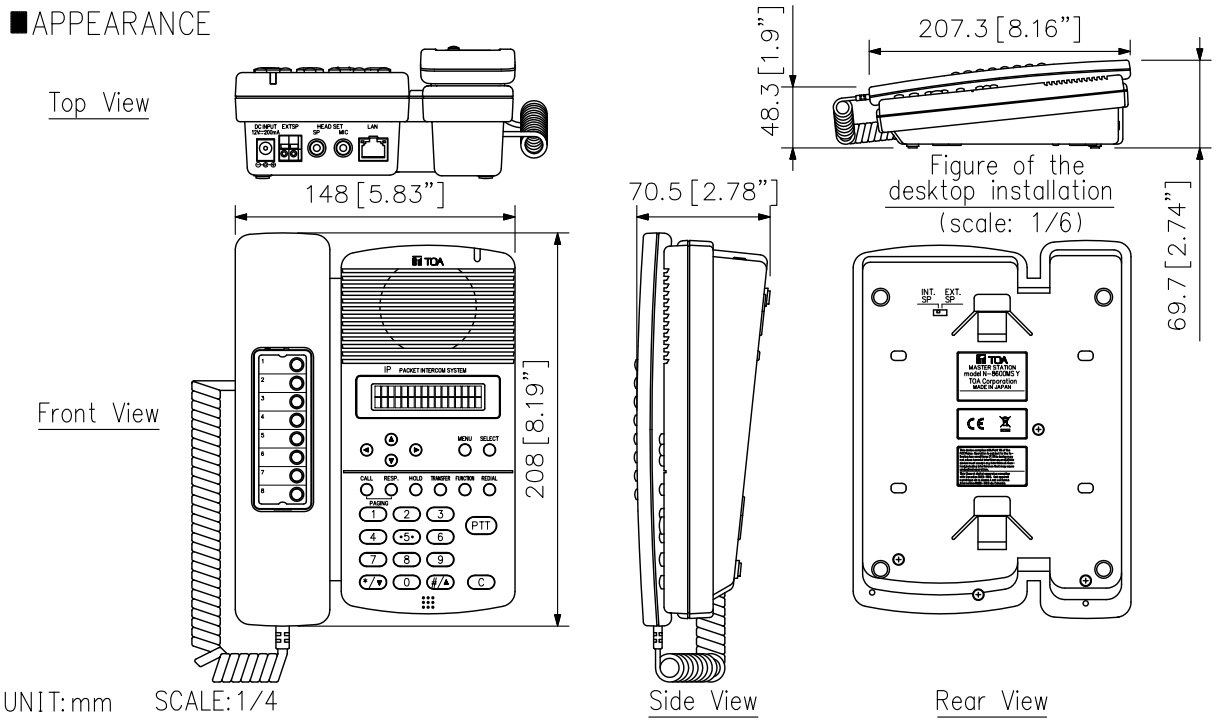
The N-8600MS is an IP multifunctional master station employing packet audio technology. Connecting the N-8600MS to an IP network (LAN or WAN) permits hands-free or handset conversation of high sound quality to be made between the N-8600MS and intercom stations connected to the IP Intercom Exchange, or between the N-8600MS units. Besides, the N-8600MS can be used in conjunction with the Multi Interface units through a network. The Multifunctional Master Station provides LCD display, Auto-dialer function enabling one-touch dialing, headset terminal and external speaker terminal. Power can be supplied from the PoE (Power over Ethernet) switching hub. (In this case, an AC adapter is not required.)
This station can be mounted to the wall using an optional YC-280 wall mounting bracket.

■SPECIFICATIONS

* 0 dB = 1 V

Power Source	Power supply device that complies with IEEE802.3af standard or 12 V DC (supplied from the AC adapter (option))
Power Consumption	Use of the AC adapter (12 V DC): 2.5 W (station only) Use of the PoE (48 V DC): 3 W
Speech Method	Hands-free or handset conversation
Audio Frequency Range	300 Hz – 7 kHz
Hands-free	Speaker: 5.7 cm (2.24") cone-type, maximum output 0.5 W, 8 Ω Microphone: Omni-directional electret condenser microphone
Handset	Receive path: Dynamic type, Send path: Electret condenser microphone
Headset Terminal	Speaker: 150 Ω, ø3.5 mm (0.14") mini jack Microphone: −49 dB*, ø3.5 mm (0.14") mini jack
External Speaker Terminal	Maximum output 0.5 W, 8 Ω, screwless connector (2 pins)
Network Section	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. 16), Multicast (max. 191) Connector: LAN: RJ45 connector (PoE compatible) 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)
Display	LCD: Alphanumeric characters (16 characters × 2 lines)
Indication	Status lamp
Installation Method	Desk/Surface mounted master station (When mounting to the wall, use the optional YC-280.)
Operating Temperature	0 °C to +40 °C (32 °F to 122 °F)
Operating Humidity	90 %RH or less (no condensation)
Finish	Body, Handset: ABS resin, gray
Dimensions	148 (W) × 208 (H) × 70.5 (D) mm (5.83" × 8.19" × 2.78") (excluding a curl cord section)
Weight	770 g (1.7 lb)
Accessory	CD (for PC setting, maintenance use) ···1
Option	Wall mounting bracket: YC-280, AC adapter: AD-1210P, AD-1215P

■APPEARANCE



TOA Corporation

DWG No: GN-020A1