

**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

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
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| 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)<br>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<br>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<br>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)<br>Network protocol: TCP/IP, UDP, HTTP, RTP, ARP, ICMP, IGMP<br>Audio packet transmission system: Unicast, Multicast<br>Number of paging destinations: Unicast (max. 16), Multicast (max. 191)<br>Connector: LAN: RJ45 connector (PoE compatible)<br>Voice sampling frequency: 16 kHz, 8 kHz (controllable on the software)<br>Quantifying bit number: 16 bits<br>Voice encoding method: Sub-band ADPCM, Cryptosystem<br>Voice packet loss recovery: Silence insertion<br>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<br>(When mounting to the wall, use the optional YC-280.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Operating Temperature     | 0 °C to +40 °C (32 °F to 104 °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")<br>(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

