



# TOA

## INDUSTRIAL-USE MASTER STATION

### N-8020MS(Y)

#### DESCRIPTION

This Master Station is designed to connect to the IP Intercom Exchange, and provides hands-free or handset conversation of high sound quality. It features dustproof and waterproof construction, and can be used in locations exposed to ambient temperatures ranging from  $-10\text{ }^{\circ}\text{C}$  to  $+50\text{ }^{\circ}\text{C}$ . In addition to the functions of the standard Master Station, the Industrial-Use Station permits connection of external speakers, and can take out control signal for dial-in indicator from its contact output. This station can be mounted to the wall using an optional YC-280 wall mounting bracket.

#### SPECIFICATIONS

\* 0 dB = 1 V

Power Source	48 V DC (supplied from the IP intercom exchange (option))
Power Consumption	1.8 W (at rated), 2.4 W (max.)
Wiring Method	1 set of twisted pair cable
Transmission System	2 wire 160 kbps echo canceller transmission system
Signal Level	0 dB* or less
Speech Method	Hands-free or handset conversation
Audio Frequency Range	300 Hz - 7 kHz
Transmission Range	Max. 1500 m ( $\phi 0.65$ mm, Loop resistance 170 $\Omega$ )
Hands-free	Speaker: 5.7 cm cone-type, 0.6 W, 8 $\Omega$ Microphone: Omni-directional electret condenser microphone
Handset	Receive path: Dynamic type, Send path: Electret condenser microphone
Dial-in Contact Output	Open collector output (polarized), withstand voltage: Max. 30 V DC, control current: Max. 50 mA, screwless connector (2 pins)
Indication	Status lamp
Line Connecting Terminal	RJ11 modular jack
External Speaker Terminal	0.6 W, 8 $\Omega$ , screwless connector (2 pins)
Installation Method	Desk/Surface mounted master station (When mounting to the wall, use the optional YC-280.)
Operating Temperature	$-10\text{ }^{\circ}\text{C}$ to $+50\text{ }^{\circ}\text{C}$
Operating Humidity	90 %RH or less (no condensation)
Dust/Water Protection	IP54
Finish	Body, Handset: ABS resin, gray
Dimensions	170 (W) x 220 (H) x 91 (D) mm (excluding a curl cord and projection sections)
Weight	1 kg
Accessory	Rubber cap $\times 2$
Option	Wall mounting bracket: YC-280

#### APPEARANCE

