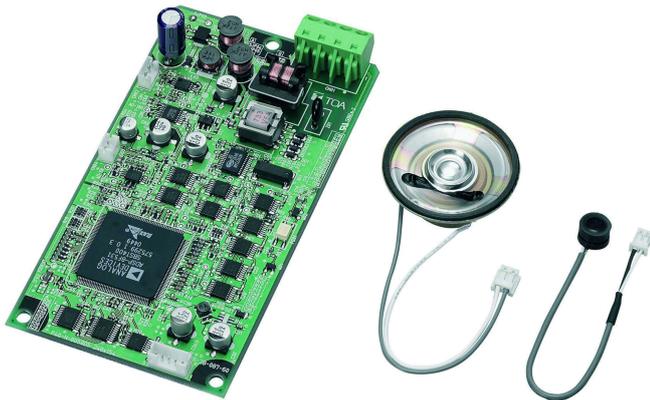


N-8050SB

DOOR STATION BOARD



The N-8050SB is a printed circuit board unit for the N-8050DS Door Station. You can make the sub station suitable for applications using the N-8050SB in combination with the operation panel section to be prepared separately.

Key features

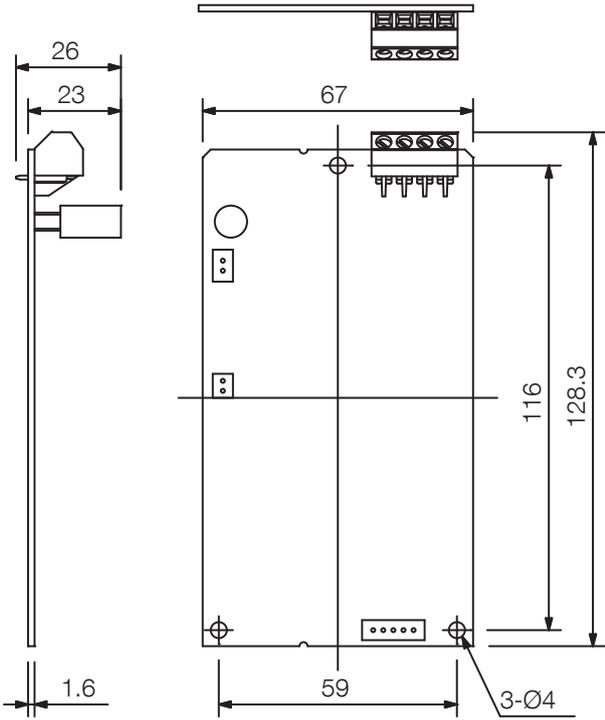
- Hands-free door station board unit
- For custom made solutions
- Features like N-8050DS

Specifications

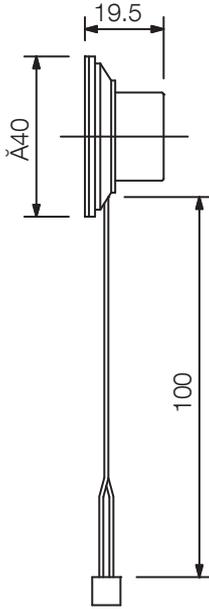
* 0 dB = 1 V

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	Non-polar one pair stranded wire system
Transmission System	2 wire 160 kbps echo canceller transmission system
Signal Level	Under 0 dB*
Speech Method	Hands-free conversation
Audio Frequency Range	300 Hz - 7 kHz
Transmission Range	Max. 1500 m (#0.65 mm, Loop resistance 170 Ω)
Hands-free	Speaker (accessory): 3.5 cm cone-type, 1 W, 8 Ω Microphone (accessory): Omni-directional electret condenser microphone
Control Output	Open collector output, withstand voltage: Max. 30 V DC, control current: Max. 50 mA one shot: can be set from 1 to 9 sec, screw terminal (polarized)
Line Connecting Terminal	2 wire, screw terminal (non-polar)
Status LED Connecting Terminal	Solderless connector (5 pins, male), voltage: 5 V, maximum load current: 4.1 mA
Call Button Connecting Terminal	Solderless connector (5 pins, male), open voltage: 3.3 V DC, short-circuit current: 1.5 mA
Operating Temperature	-10 °C to +50 °C (14 °F to 122 °F)
Operating Humidity	Under 90% RH (no condensation)
Dimensions	67 (W) x 128.3 (H) x 26 (D) mm
Weight	100 g (including accessories)
Included Accessories	Hands-free speaker (with connection cord) ...1, Hands-free microphone (with connection cord) ...1

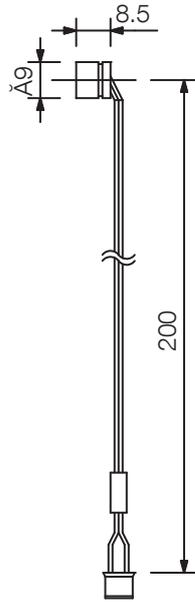
Dimensions



Printed circuit board



Hands-free speaker (accessory)



Hands-free microphone (accessory)

UNIT:mm SCALE:1/2

A&E specifications

The hands-free substation board unit is designed for use with TOA's packet intercom system (IP network compatible intercom system) that employs the packet audio technology.

The hands-free substation board unit allows the user to mount the unit into a customised housing of their choice and shall come complete with a 3.5 cm (1.38") cone-type speaker and an omni-directional electret condenser microphone allowing automatic duplex hands-free operation. It shall have a contact output to remotely control an electronic door lock. The panel section is to be prepared separately. The substation board unit is a 2-wire system with a transmission range of up to 1500 meters and shall be capable of automatic duplex hands-free operation without the use of handsets and shall employ echo cancellation.

Power requirements shall be 48 V DC supplied from the exchange. The dimension of the substation board shall be 67 (W) × 128.3 (H) × 26 (D) mm (2.64" × 5.05" × 1.02") weighing 100 g (0.22 lb.)