

IP DOOR STATION N-8650DS

1. SAFETY PRECAUTIONS

- Before installation or use, be sure to carefully read all the instructions in this section for correct and safe operation.
- Be sure to follow all the precautionary instructions in this section, which contain important warnings and/or cautions regarding safety.
- After reading, keep this manual handy for future reference.

CAUTION

Indicates a potentially hazardous situation which, if mishandled, could result in moderate or minor personal injury, and/or property damage.

- Use the dedicated AC adapter or its equivalent for the unit. Note that the use of other adapter may cause a fire.

2. GENERAL DESCRIPTION

Designed to connect to the IP network, the N-8650DS is an indoor use door station featuring high quality hands-free conversation. It is equipped with 1 contact input and 5 contact outputs, allowing connections to a sensor, electronic lock, and other external equipment. The N-8650DS can be mounted either flush in a wall or on a wall by using the designated mounting box.

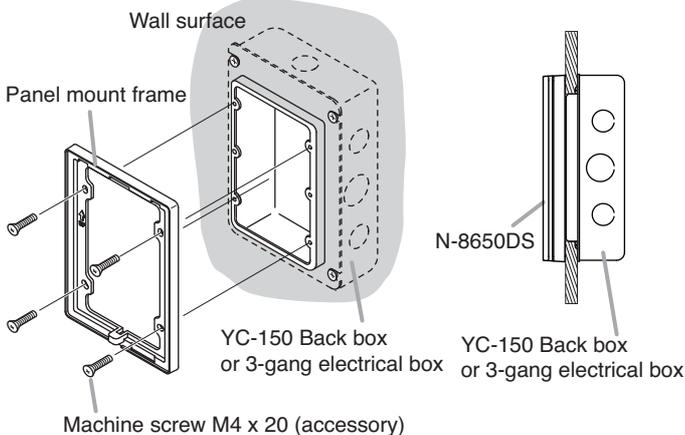
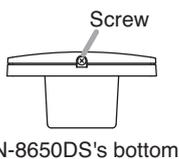
3. WALL MOUNTING

3.1. In-Wall Mounting

Mount the panel mount frame to the YC-150 Back box or 3-gang electrical box installed in a wall, then attach the N-8650DS to the panel mount frame.

Step 1. Loosen the screw on the N-8650DS's bottom, then detach the panel mount frame.

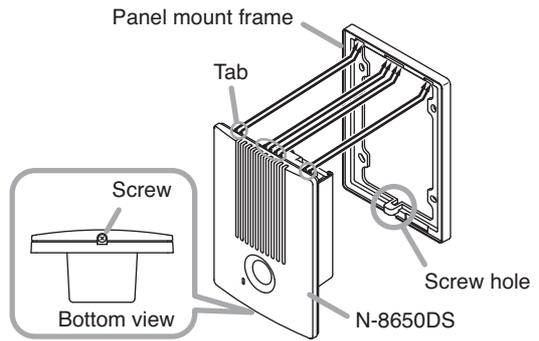
Step 2. Mount the panel mount frame to the YC-150 or electrical box.



Accessory screws

The N-8650DS comes with 2 types of screws: machine screw M4 x 20 and UNC No.6-32 x 20. For the electrical box provided with unified threads, use the oval head combination screws UNC No.6-32 x 20.

Step 3. Attach the N-8650DS to the panel mount frame. Hook the tabs on the N-8650DS's upper side into the panel mount frame's slots, fit them into place, then secure the both bottom sides with a screw.

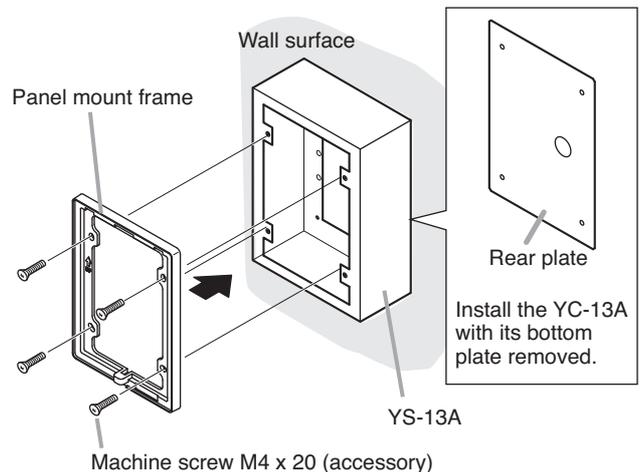


3.2. On-Wall Mounting

Attach the N-8650DS to the YS-13A Wall-mount box installed on a wall.

Step 1. Loosen the screw on the N-8650DS's bottom, then detach the panel mount frame. (Refer to **Step 1** in the previous section.)

Step 2. Mount the panel mount frame to the back box.

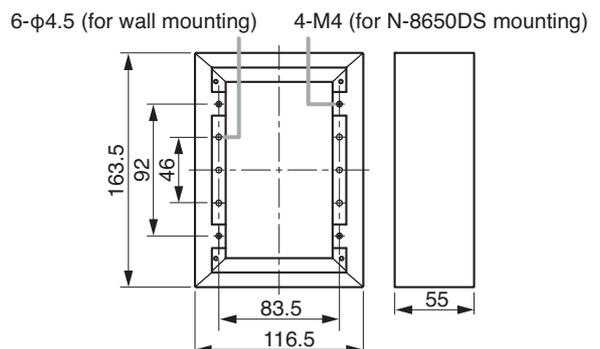


Accessory screws

The N-8650DS comes with 2 types of screws: machine screw M4 x 20 and UNC No.6-32 x 20. Use the M4 x 20 screw.

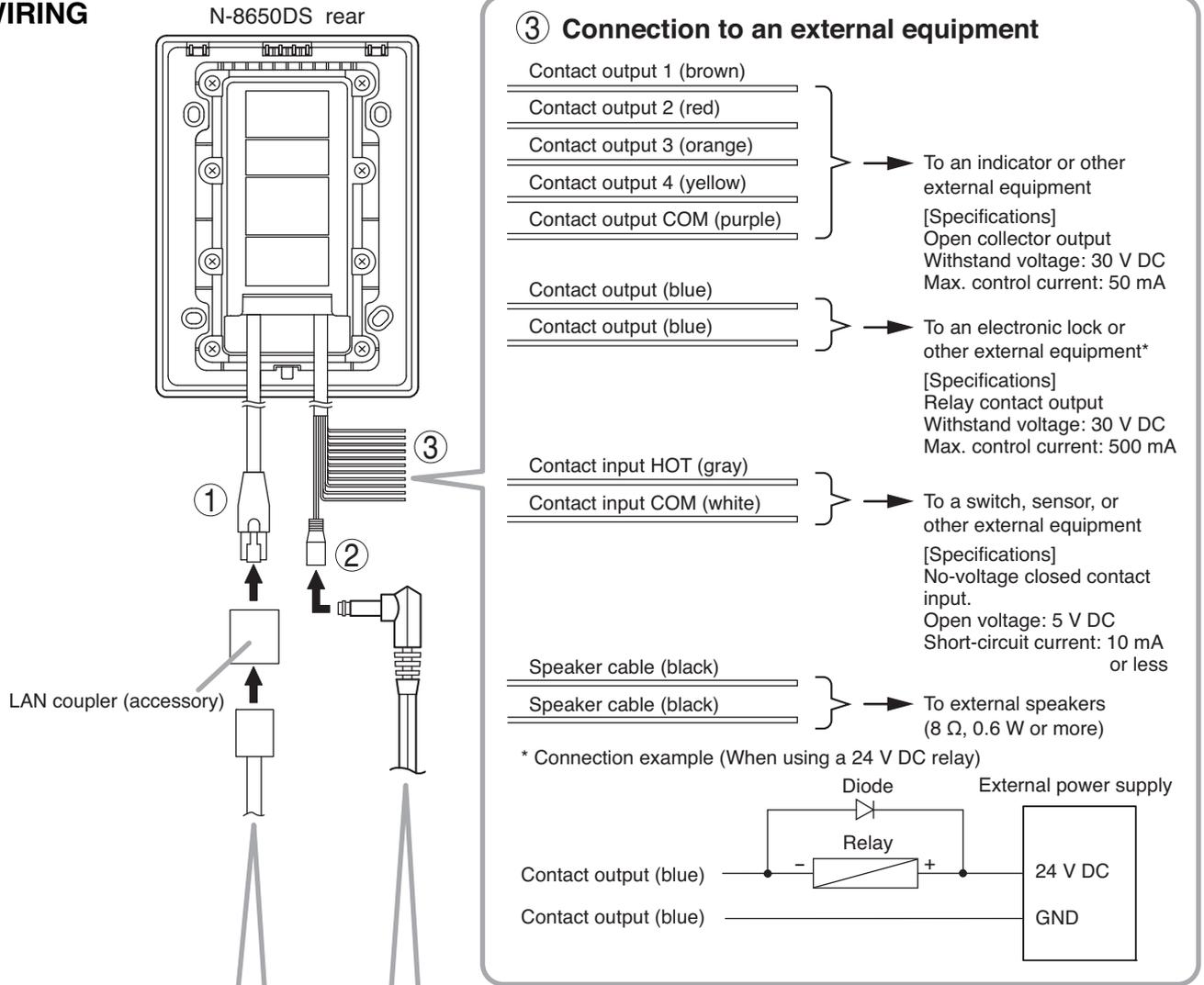
Step 3. Attach the N-8650DS to the panel mount frame. Hook the tabs on the N-8650DS's upper side into the panel mount frame's slots, fit them into place, then secure the both bottom sides with a screw. (Refer to **Step 2** in the previous section.)

[YS-13A dimensional drawing]



Unit: mm

4. WIRING



① Network connection
Can be connected to a network of 10BASE-T/100BASE-TX in auto-negotiation. Use a UTP category 5 or more straight through cable with an RJ-45 connector for this connection.

② AC adapter connection
Connect the AC adapter. Use the AD-1210P/1215P (option) or equivalent. As for the usable adapter, consult your TOA dealer.

Note: Treat unused cables so as not to short-circuit.

• Power supply connection (① or ②)
The following 2 methods are available for supplying power to the station.

- From a DC 12 V AC adapter
- From an IEEE802.3af compliant PoE switching hub (For connection, refer to the instruction manual supplied with the switching hub.)

5. ACCESSORIES

UNC No.6-32 x 20	4	LAN coupler	1
Machine screw M4 x 20	4		

Warning
This is a class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

Traceability Information for Europe (EMC directive 2004/108/EC)	
Manufacturer: TOA Corporation 7-2-1, Minatojima-Nakamachi, Chuo-ku, Kobe, Hyogo, Japan	Authorized representative: TOA Electronics Europe GmbH Suederstrasse 282, 20537 Hamburg, Germany

URL: <http://www.toa.jp/>