

SWITCH PANELS OPTION HANDSET

RS-140, RS-143, RS-144 RS-141

1. GENERAL DESCRIPTION

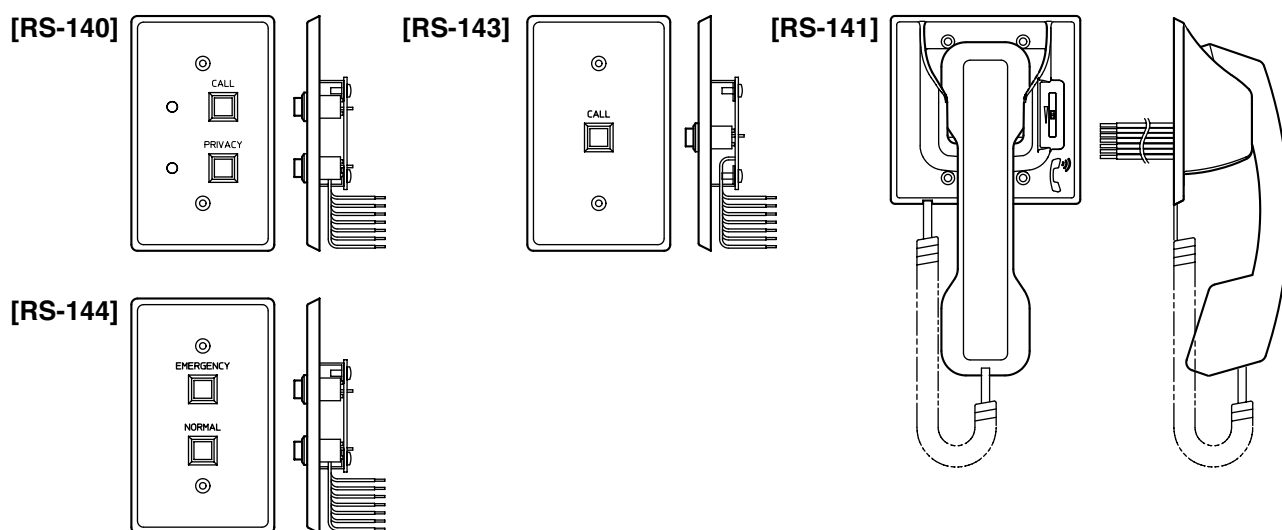
The RS-140, RS-143, and RS-144 are substations to be connected to the 2-Core Shielded Substation Interface Unit. The RS-141, designed exclusively for indoor-use in combination with the RS-140, RS-143, or RS-144, is an option handset to make handset conversations.

For operation of the units, refer to the N-8000 series instruction manual.

Warning

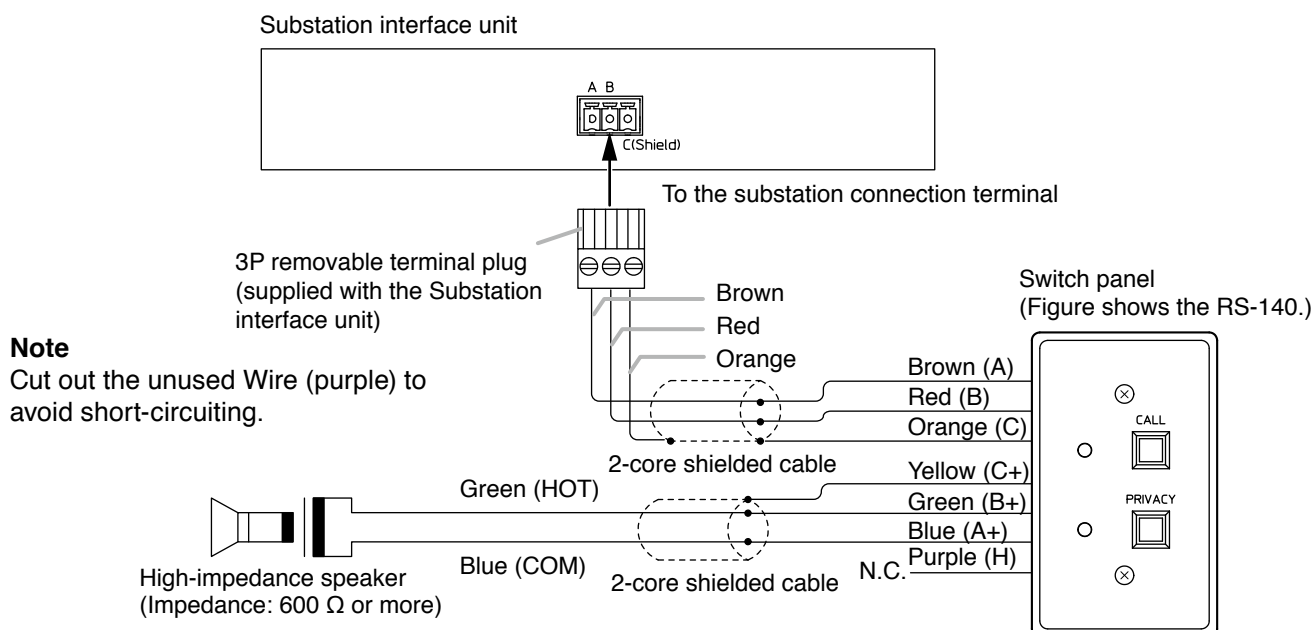
This is a class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

2. APPEARANCE

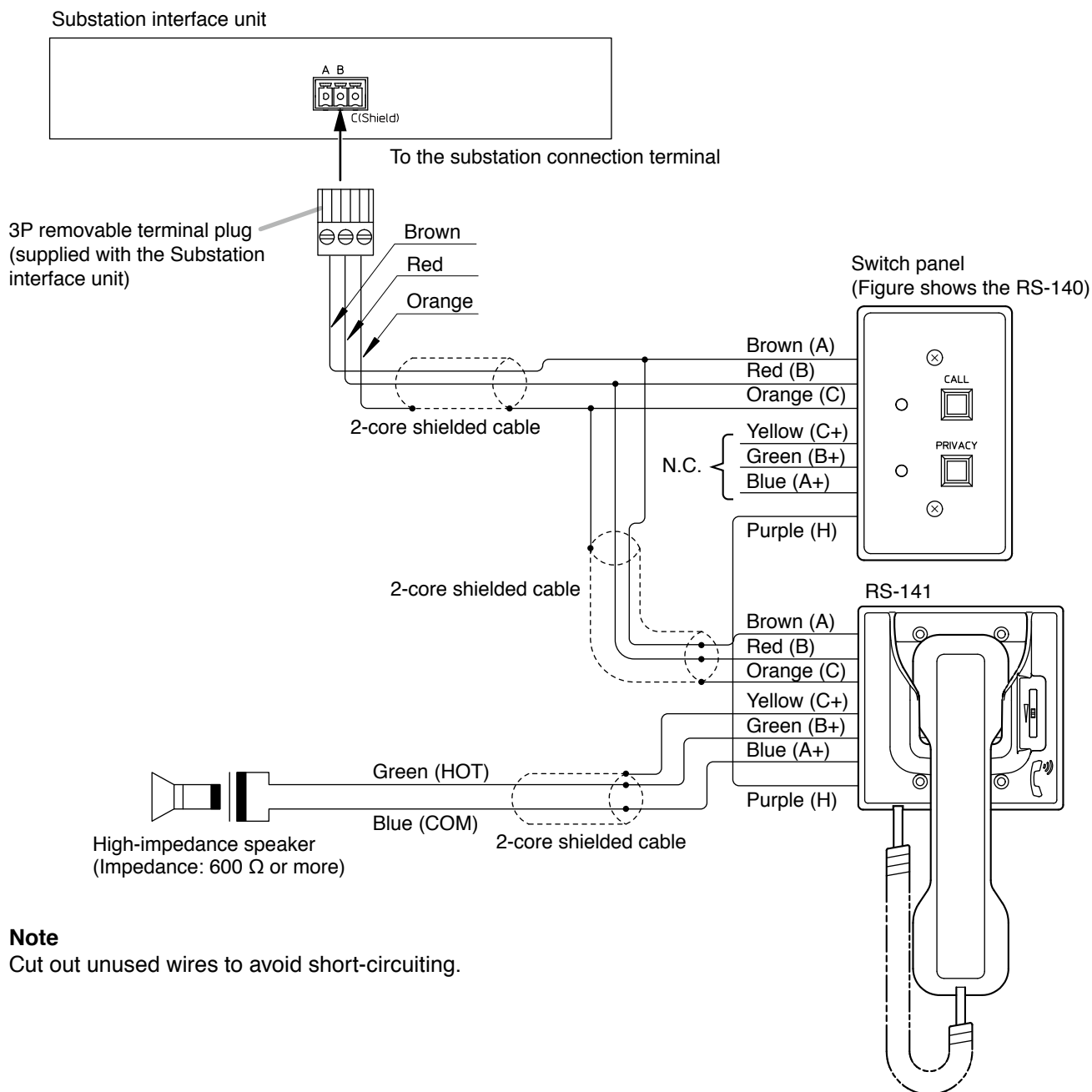


3. CONNECTIONS

3.1. Switch Panel Connections (When the Option Handset is not used)



3.2. Switch Panel and Option Handset Connections



Note

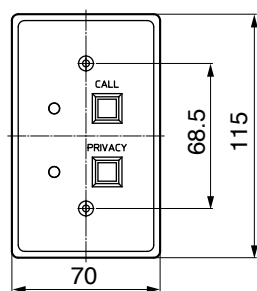
Cut out unused wires to avoid short-circuiting.

4. INSTALLATION

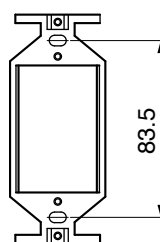
4.1. Switch Panel Installation

4.1.1. Dimensional diagram

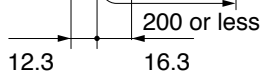
[RS-140]



[Mounting bracket (Supplied with the RS-140/143/144)]



Unit: mm



Note: The dimensions of RS-143 and RS-144 are the same as above.

Note

When using the PA paging function, keep the switch panel as far away from the PA paging speaker as possible to avoid acoustic feedback.

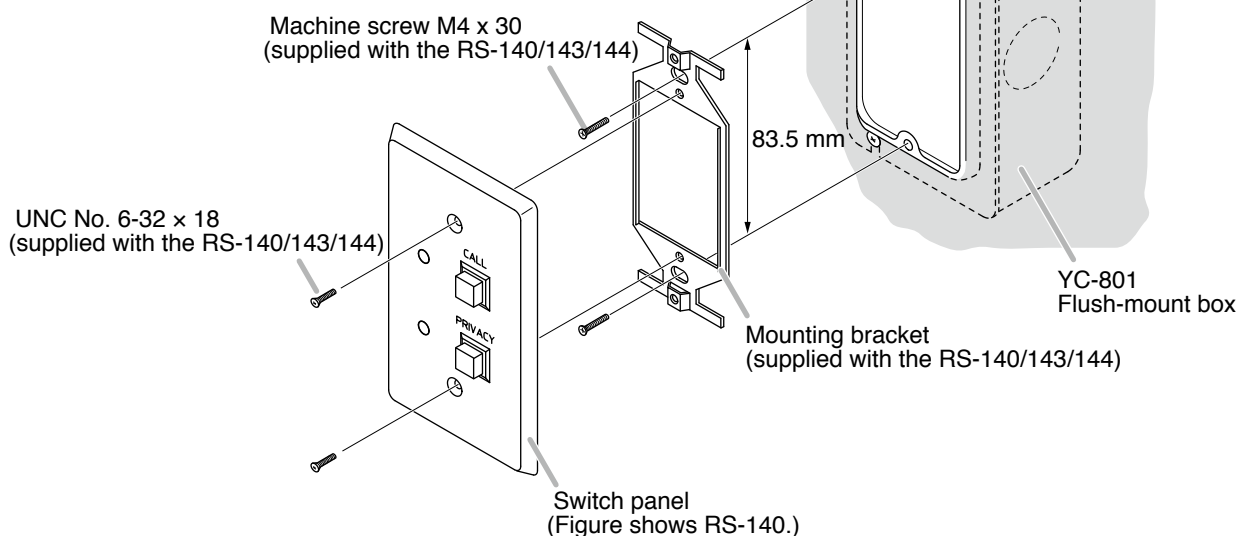
4.1.2. In-wall mounting using an electrical box

Mount the RS-140/143/144 to the YC-801 Flush-mount box mounted in the wall.

Accessory screws

The RS-140/143/144 comes with 2 types of screws to match the box screw threads: M4 x 30 and UNC No. 6-32 x 30.

For the electrical box provided with unified threads, use the UNC No. 6-32 x 30.



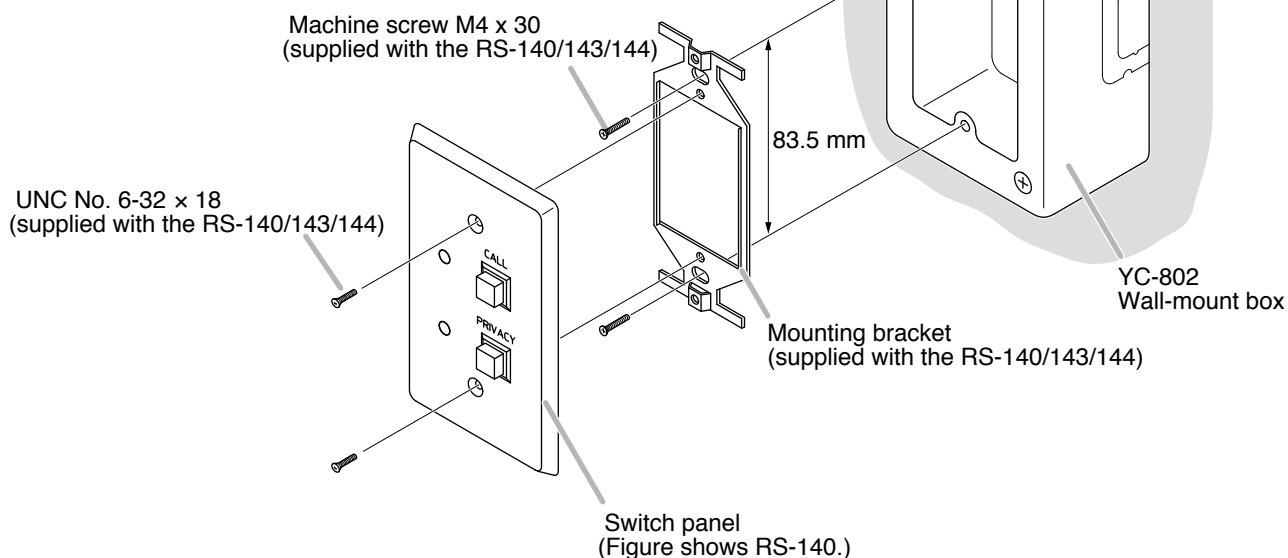
4.1.3. On-wall mounting using a wall-mount box

Attach the RS-140/143/144 to the YC-802 Wall-mount box installed on a wall.

Accessory screws

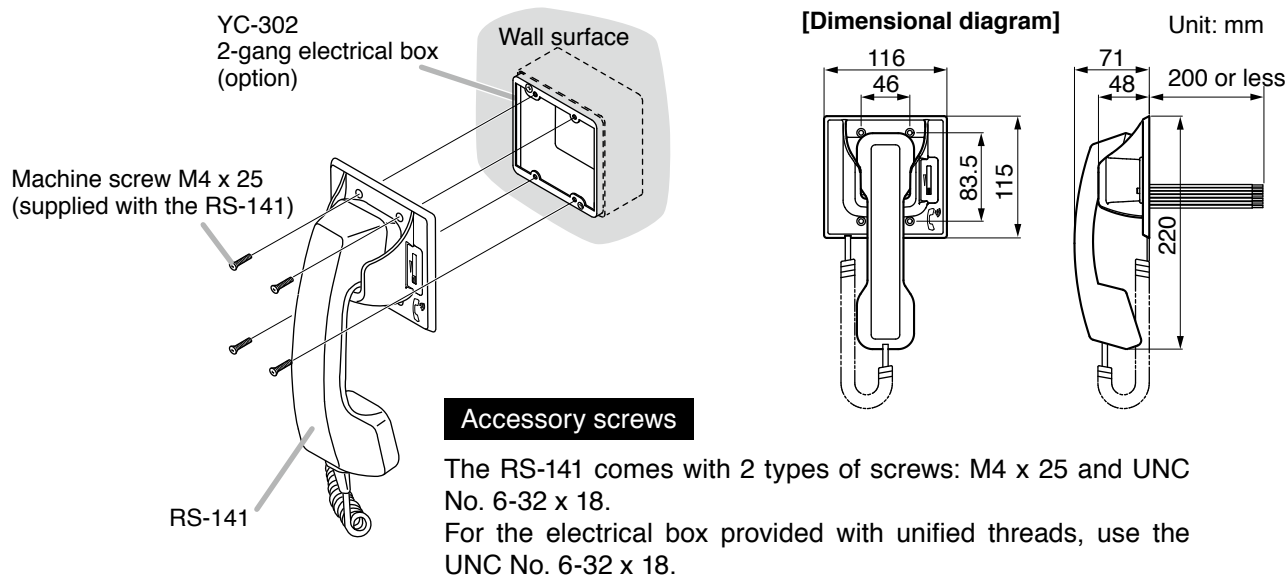
The RS-140/143/144 comes with 2 types of screws to match the box screw threads: M4 x 30 and UNC No. 6-32 x 30.

For the electrical box provided with unified threads, use the UNC No. 6-32 x 30.



4.2. Option Handset Installation

Mount the option handset to an electrical box mounted in the wall.



5. SPECIFICATIONS

Model Number		RS-140	RS-143	RS-144
Call Button 1		Momentary (CALL)		Momentary (EMERGENCY)
Call Button 2		—		Momentary (NORMAL)
Privacy Button		Latching (PRIVACY)	—	
Call Indicator		Flashing red	—	
Conversation Indicator		Lit red	—	
Privacy Indicator		Lit red	—	
Wiring		2-core shielded cable		
Transmission Distance		0.5 km/ø0.5 mm (AWG24), 800 m/ø0.65 mm (AWG22),1300 m/ø0.9 mm (AWG19)		
Operating Temperature		0 to +40°C		
Finish	Panel	Stainless steel, hairline		
	Call Button 1	Resin, red		
	Call Button 2	—		Resin, white
	Privacy Button	Resin, white	—	
Dimensions		70 (w) x 115 (h) x 28.6 (d) mm		
Weight		80 g		
Accessory		Mounting bracket ... 1, No. 6-32 UNC x 18 ... 2, Machine screw M4 x 30 ... 2, No. 6-32 UNC x 30 ... 2		
Applicable Box		Flush-mount box: YC-801 (option) Wall-mount box: YC-802 (option)		

Model Number	RS-141
Handset Receiver	Dynamic type
Handset Transmitter	Electret condenser type
Wiring	2-core shielded cable
Handset Receiver Volume Control	Slide Volume Maximum control level: 12 – 18 dB
Operating Temperature	0 to +40°C
Finish	ABS resin, pale white
Dimensions	116 (w) x 220 (h) x 71 (d) mm
Weight	350 g
Accessory	No. 6-32 UNC x 18 ... 4, Machine screw M4 x 25 ... 4
Applicable Box	2-gang electrical box: YC-302 (option)

Note: The design and specifications are subject to change without notice for improvement.

Traceability Information for Europe	
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/>