

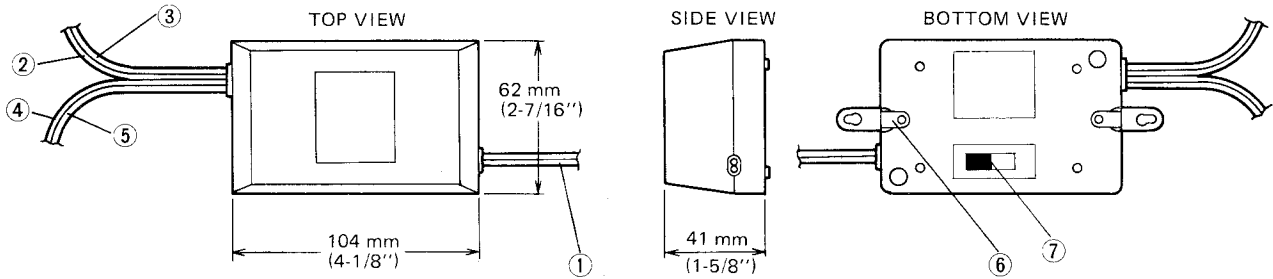
LOCAL SPEAKER CUT-OUT RELAY

Model; **RY-SP** (Relay box)

INSTRUCTIONS

1

NAMES AND FUNCTIONS



- | | |
|--------------------------|---|
| ① YELLOW wires (x2) | Cut paging speaker line and connect to each speaker line. |
| ② RED wire | Connect to <input type="checkbox"/> terminal of room station. |
| ③ BLACK wire | Connect to <input type="checkbox"/> terminal of room station. |
| ④ BROWN wire | Connect to a "paging"-assigned <input type="checkbox"/> terminal of room station. |
| ⑤ WHITE wire | Connect to a "paging" terminal <input type="checkbox"/> of paging adaptor. |
| ⑥ Mounting bracket | |
| ⑦ System selector switch | |

2

FEATURES

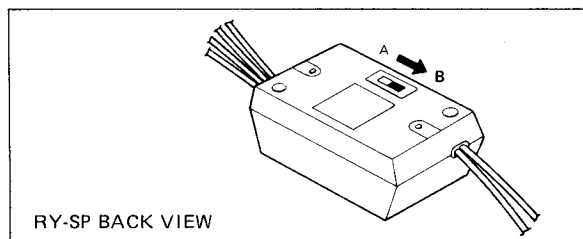
Aiphone RY-SP relay box provides cut-out of local speaker at the TD-H room station, which has initiated page, while the announcement is transmitted to other speakers.

3

BEFORE YOU INSTALL THE EQUIPMENT — Prohibitions and precautions —

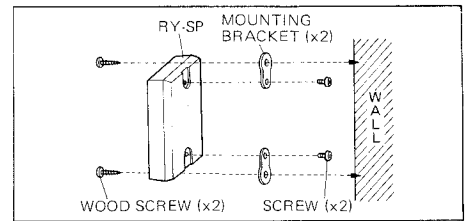
Do not attempt to use RY-SP relay box in any application other than that described in this manual;

- ① Power supply: Install power supply PS-12A (PS-12C in North America) as well as paging adaptor in the center of the system. Unplug the power supply before you make wiring connections or open the unit.
- ② RY-SP relay box: Install RY-SP unit near the paging speaker to be cut out.
- ③ Cable run: Keep cable run of intercom communication line at least 50 cm (20") away from paging speaker line.
- ④ Wiring: Do not reverse connection of 2 yellow wires (for speaker lines) and brown, red, black & white wires (for intercom lines). Doing so will damage the RY-SP unit.
- ⑤ Selector switch: Set selector switch on back of RY-SP unit to "B" position for TD-H system.

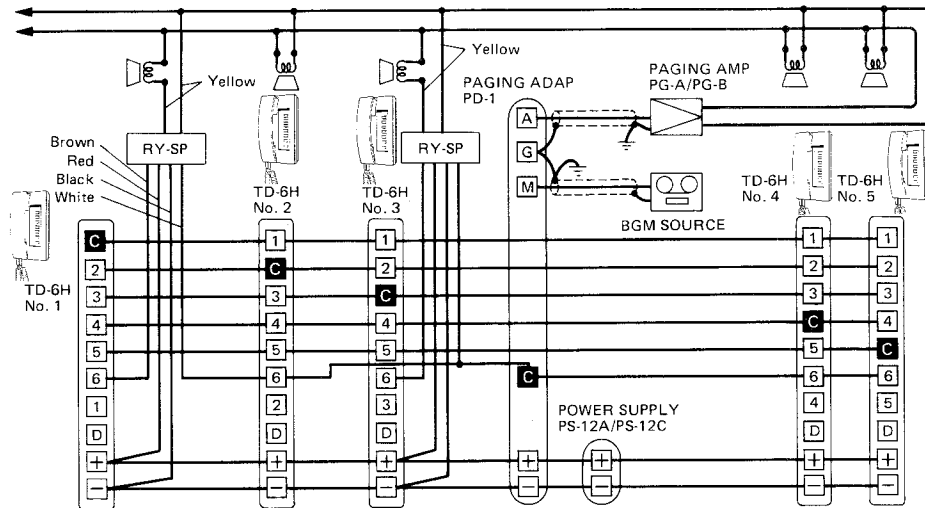


4 INSTALLATION

Attach the mounting brackets to RY-SP case and mount the RY-SP to wall with the supplied wood screws.



5 WIRING DIAGRAM



In this diagram, any TD-6H station can page by depressing No. 6 button. The stations Nos. 1 and 3 each with RY-SP relay box installed, can cut out their local speaker while paging.

6 SPECIFICATIONS

- * Power source: DC 12V supplied from the TD-H communication network.
- * Current consumption: Less than 50 mA in paging mode.
- * Wiring:

	No. of wires
Between RY-SP and speaker	2 wires (non-polarized)
Between RY-SP and TD-H	3 wires (polarized)
Between RY-SP and PD-1	1 wire

- * Wiring distance: Between RY-SP and TD-H station;

AWG	24 AWG	22 AWG	20 AWG
Distance	200'	330'	500'

Diameter	0.5 mm	0.65 mm	0.8 mm
Distance	60 m	100 m	150 m

WARRANTY

Aiphone warrants its products to be free from defects of material and workmanship under normal use and service for a period of one year after delivery to the ultimate user and will repair free of charge or replace at no charge, should it become defective upon which examination shall disclose to be defective and under warranty. Aiphone reserves unto itself the sole right to make the final decision whether there is a defect in materials and/or workmanship; and whether or not the product is within the warranty.

This warranty shall not apply to any Aiphone product which has been subject to misuse, neglect, accident, or to use in violation of instructions furnished, nor extended to units which have been repaired or altered outside of the factory.

This warranty does not cover batteries or damage caused by batteries used in connection with the product.

This warranty covers bench repairs only, and any repairs must be made at the shop or place designated in writing by Aiphone. Aiphone will not be responsible for any costs incurred involving on site service calls.