Thank you for purchasing TOA's Remote Unit.
Please carefully follow the instructions in this manual to ensure long, trouble-free use of your equipment.

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.

Safety Symbol and Message Conventions
Safety symbols and messages described below are used in this manual to prevent bodily injury and property damage which could result from mishandling.

Before operating your product, read this manual first and understand the safety symbols and messages described below to prevent bodily injury and property damage which could result from mishandling.

1. SAFETY PRECAUTIONS

• Do not expose the unit to rain or an environment where it may be splashed by water or other liquids, as doing so may result in fire or electric shock.
• Use the unit only with the voltage specified on the unit. Using a voltage higher than that which is specified may result in fire or electric shock.

2. GENERAL DESCRIPTION

The TOA RU-2001 and RU-2002 are remote control units having a microphone amplifier designed for use with the PM-660D Paging Microphone (5-pin DIN termination).

The RU-2002 has built-in 3 selectable chime tones.

3. FEATURES

• Can be installed on a desk or wall with the supplied mounting bracket.

• A chime selected from 4-tone chime, 2-tone chime, and single-tone chime can be sounded by pressing the talk switch of the microphone with remote switch before making the microphone announcement.

• Remote output (make contact output, contact capacity: 30 V DC, under 0.5 A) permits control of equipment having control input terminals interlocked with the talk switch on the paging microphone with remote switch (e.g. PM-660D).

4. NOMENCLATURE AND FUNCTIONS

[Front]
Microphone input socket: Connect remote switch type paging microphone (5-pin DIN termination).

Chime tone select switch (RU-2002 only): Selects 4-tone, 2-tone, or single-tone chime.

Operation indicator: Lights when push-to-talk switch of remote switch type paging microphone is pressed.

Chime volume control (RU-2002 only): Set it to "0" when chime sound is not necessary.

[Note]: The above figure shows the front view of the RU-2002.

[Rear]
Output terminals: Connect to the amplifier's remote microphone input or line input. Remove jumper strip for balancing output.

Remote output terminals: Closed if the talk switch on the paging microphone with remote switch is pressed. Connect to the other equipment's control input terminals. The contact capacity is 30 V DC, under 0.5 A.

DC power supply terminals: Connect these terminals to a 12-24 V DC power supply with the current capacity of 60 mA or more.

AC adapter input terminal: Connect this terminal to an AC adapter with 12 to 24 V DC output.

Note: Do not use both the DC power supply terminals and AC adapter input terminal simultaneously.

5. ATTACHING THE SUPPLIED MOUNTING BRACKET

Use the supplied mounting bracket to install the unit on a wall. Refer to the following figure to install the unit to an outlet box.

6. SPECIFICATIONS

<table>
<thead>
<tr>
<th>Power Requirement</th>
<th>12 – 24 V DC or AC adapter, Adapter plug: Non-polarity type, 2.1 mm (0.08&quot;) ID x 5.5 mm (0.22&quot;) OD x 9.5 mm (0.37&quot;) long</th>
</tr>
</thead>
<tbody>
<tr>
<td>Current Consumption</td>
<td>60 mA</td>
</tr>
<tr>
<td>Microphone Input</td>
<td>–62 dB*, 600 Ω, unbalanced, 5-pin DIN socket</td>
</tr>
<tr>
<td>Output</td>
<td>0 dB*, 600 Ω, balanced, screw terminal, barrier spacing: 6.4 mm (0.25&quot;)</td>
</tr>
<tr>
<td>Remote Output</td>
<td>30 V DC, under 0.5 A</td>
</tr>
<tr>
<td>Terminal Capacity</td>
<td>30 V DC, under 0.5 A</td>
</tr>
<tr>
<td>Chime (RU-2002 only)</td>
<td>4-tone chime, 2-tone chime, single-tone chime</td>
</tr>
<tr>
<td>Applicable Microphone</td>
<td>PM-660D</td>
</tr>
<tr>
<td>Finish</td>
<td>Pre-coated steel plate, black</td>
</tr>
<tr>
<td>Dimensions</td>
<td>124 (w) x 42.6 (h) x 159 (d) mm (4.88&quot; x 1.67&quot; x 6.26&quot;)</td>
</tr>
<tr>
<td>Weight</td>
<td>600 g (1.32 lb)</td>
</tr>
<tr>
<td>Accessory</td>
<td>Mounting bracket: 1</td>
</tr>
</tbody>
</table>

* 0 dB = 1 V

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

TOA Corporation
URL: https://www.toa.jp/
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