Radio remote control system
RAC1 series

This is a specified low-power type of radio remote control system which is used for long-range applications. The transmitter has a slim-line, easy-to-carry design, and it boasts excellent operability. It can handle a large number of ON/OFF signals: 24 signals to be precise. The specified low-power type of radio signals are used so the system is ready for immediate use with no permits needing to be obtained.

Features
1. The transmitter has a built-in antenna, and the shape makes it easy to operate.
2. Continuous operation for more than 10 hours is made possible by the specially designed secondary battery.
3. There is a maximum number of 24 ON/OFF function switches, and these can be operated simultaneously.
4. The design returns all operations to the shutdown status upon receipt of jamming signals or other high levels of noise.
5. Communication is possible at a stable frequency through the use of the MCA (multi-channel access) system that automatically selects the frequencies.
6. The power supply of the receiver supports the 24V voltage used by vehicles.
7. The communication range is more than 100 meters under favorable ambient conditions.

Model Code

● System (transmitter + receiver + accessories)

U-RAC1-GN-220-10

1 System designation: RAC1 series
2 Transmitter symbol
3 Transmitter series no.
4 Design no.

● Transmitter

RAC1-GNTX-200-10

1 System designation: RAC1 series
2 Transmitter symbol
3 Transmitter series no.
4 Design no.

● Receiver

RAC1-GNRX-210-10

1 System designation: RAC1 series
2 Receiver symbol
3 Receiver series no.
4 Design no.
**Model Code**

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<tbody>
<tr>
<td><strong>Charger</strong></td>
<td><strong>RAC-CHG-100-10</strong></td>
<td>System designation: RAC1/RAC2 series</td>
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<td><strong>Battery</strong></td>
<td><strong>RAC1-BTPC-300-10</strong></td>
<td>System designation: RAC1 series</td>
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**Specifications**

### Transmitter specifications
- **Frequency**: 429 MHz band, 40 frequencies
- **Modulation**: FSK modulation (modulation speed: 4800 bps)
- **Standard**: ARIB STD-T67
- **Function switches**: Momentary switches: 21 ON/OFF switches; Alternating switches: 3 ON/OFF switches
- **Operable range**: Approx. 100 m (under favorable ambient conditions; measured using the method employed by Tokyo Keiki)

### Charger specifications
- **Power requirements**: Commercial-use AC 100 V power
- **Power consumption**: 9W (when charged)
- **Power display**: Monitor lamp (red)

### Battery specifications
- **Voltage**: DC 4.8 V, 1500 mAh
- **Structure**: Nickel-hydrogen battery pack inside plastic case

### System configuration

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<th>Product</th>
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<td>Transmitter</td>
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<tr>
<td>Receiver</td>
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<tr>
<td>Receiving antenna</td>
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<td>Stand for receiving antenna</td>
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<tr>
<td>Charger</td>
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<tr>
<td>Battery</td>
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Dimensions

- Transmitter
- Receiver
- Receiving antenna
- Charger
- Battery

TOKYO KEIKI INC.