

# Reactor

MODEL IN-RAT2-S

# User Manual

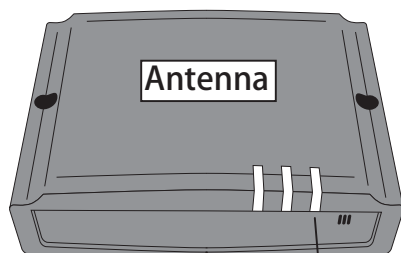
## Introduction

Thank you for purchasing our product.

The reactor (IN-RAT2-S) can be operated by holding a remote control\*1 (IN-R\*-RST, IN-A\*-RST, IN-L\*-RST, IN-ML\*-RST) over this device. This product sets the usable time of the remote (standard setting: 24 hours).

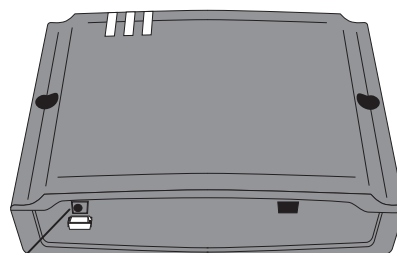
\*1 The remote control is used for arming or disarming the tag

## Parts Name



《 Front 》

LED LAMP



《 Back 》

DC Jack

## How to use

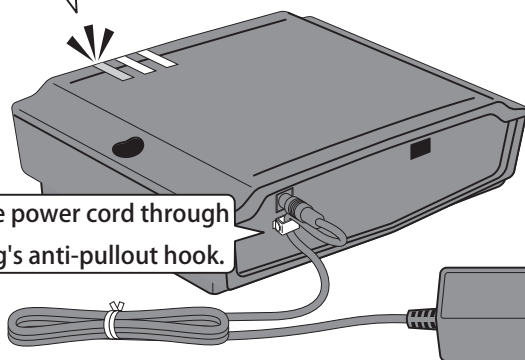
**Warning** To get started, do the following instructions below. The remote will not function unless you hold it over the product.

- ★ When the battery is removed or after the specified time (24 hours) has passed, the remote will be disabled. If you press the remote button when it is disabled, a buzzer will sound. (The buzzer doesn't sound while the timer is active.)

**1** Plug the AC adapter into the product.

When the AC adapter is plugged in, the red LED lights up.

Pass the power cord through the plug's anti-pullout hook.

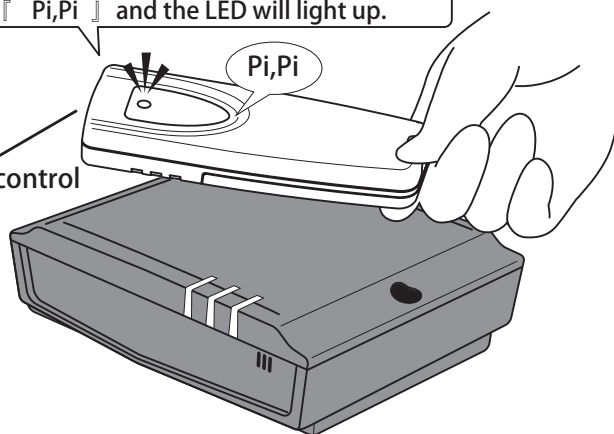


**2** Hold the remote over the antenna.

When set, The remote will sound like 『 Pi,Pi 』 and the LED will light up.

Remote control

Outlet



The usable time of the remote is approximately 24 hours after it is held over the product. After 24 hours, hold the remote over the product to activate it again.

**24**  
Hours

## Note on installation location

Please avoid using it in the following places

- On (or near) a metal object
- Near the security gate (2 to 3 meters away)



**Warning**

- Do not disassemble the unit and product.
- Do not give the product excessive impact or vibration, or drop it.
- Do not expose the unit to water or high humidity.
- Do not use an AC adapter other than the one supplied with the product.
- Fix on the wall that is 10cm away from human body.



You can view the EU Declaration of Conformity from our website. <https://www.takaya.co.jp/product/security/declaration-of-conformity/>

## FCC Regulations

- This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:  
(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
- This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
  - Reorient or relocate the receiving antenna.
  - Increase the separation between the equipment and receiver.
  - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
  - Consult the dealer or an experienced radio/ TV technician for help.
- Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

## FCC RF Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. To comply with FCC RF Exposure compliance requirements, this grant is applicable to only Mobile Configurations. The antennas used for the transmitter must be installed to provide a separation distance of at least 20cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

## IC Notice

This device complies with Industry Canada's licence-exempt RSSs. Operation is subject to the following two conditions:

- (1) This device may not cause interference; and
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

L'appareil est conforme au RSS d'exemption de licence d'Industrie Canada. Les opérations sont soumises aux deux conditions suivantes:

- (1) Cet appareil ne peut pas causer d'interférence; Et
- (2) L'appareil doit accepter toute interférence, y compris celles qui peuvent entraîner un fonctionnement indésirable de l'appareil.

## IC Radiation Exposure statement

This device complies with IC radiation exposure limits set forth for an uncontrolled environment. In order to avoid the possibility of exceeding the IC radio frequency exposure limits, human proximity to the antenna shall not be less than 20cm during normal operation.

L'appareil est conforme aux limites d'exposition au rayonnement IC spécifiées dans un environnement non contrôlé.

Afin d'éviter la possibilité de dépasser la limite d'exposition aux RF LC, le corps humain ne doit pas être à moins de 20 cm de l'antenne pendant le fonctionnement normal.

## CE Statement

This equipment complies with CE radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with minimum distance of 20cm between the radiator and your body.

Here by, TAKAYA Corporation declares that the radio equipment type IN-RAT2-S is in compliance with the Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following internet address: 661-1 Ibara-cho, Ibara-shi, Okayama, Japan  
<https://www.takaya.co.jp>

CAUTION : RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE.

DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.

Adapter : Adapter shall be installed near the equipment and shall be easily accessible.