










■ Specifications

Available Countries: Japan / Canada / USA / India

Transmitter		
	RC-242T	RC-248T
Frequency Band	2,403 MHz–2,478 MHz	
Communication	One-way Communication (no answer-back) / Two-way Communication (with answer-back)	
Input/Output	Buzzer (for checking push-button operation)	
Button/Switch	Push-Button (2 buttons / 8 buttons) 2 Switches (8-position DIP each)	
Display	1 Red / Green Communication LED	
Power Supply	2 AAA Alkaline Batteries	
Battery Life	Approximately 280,000 times at one press per second (no answer-back) <sup>*1</sup>	
Operating Environment	Temperature: 0-50°C (32-122°F) / Humidity: 35-80% (without condensation)	
External Dimensions (W x H x D)	69 x 115 x 20 mm (2.7 x 4.5 x 0.8")	
Weight	Approximately 120 g (4.2 oz) (including battery, excluding protective cover)	
Antenna	Built-in Antenna	
Accessory	1 Protective Cover and 2 AAA Alkaline Batteries	
Options	-	

Contact-Transmitter		
	TC-242TF <sup>2</sup>	TC-248TF <sup>2</sup>
Frequency Band	2,403 MHz–2,478 MHz	
Communication	One-way Communication (no answer-back) / Two-way Communication (with answer-back)	
Input/Output	2 Non-voltage Contact Inputs (DC 5V 20 mA)	8 Non-voltage Contact Inputs (DC 5V 20 mA)
Button/Switch	1 Power Switch / 2 Switches (8-position DIP each)	
Display	1 Red / Green Communication LED	
Power Supply	DC 12-24 V ±10% <sup>*3</sup>	
Current Consumption	20 mA or less (at DC 24 V input)	35 mA or less (at DC 24 V input)
Operating Environment	Temperature: 0-50°C (32-122°F) / Humidity: 35-80% (without condensation)	
External Dimensions (W x H x D)	103 x 85 x 26 mm (4.1 x 3.3 x 1.0") (excluding protrusions)	195 x 85 x 26 mm (7.7 x 3.3 x 1.0") (excluding protrusions)
Weight	Approx. 250 g (8.8 oz) (including antenna)	Approx. 480 g (16.9 oz) (including antenna)
Antenna	Dipole Antenna	
Accessory	-	
Options	External Antenna (Cable 1.5 m (4.9 ft)) [MB-13F-1.5-SMB] <sup>*6</sup> AC Adapter [ADB24050-C]	

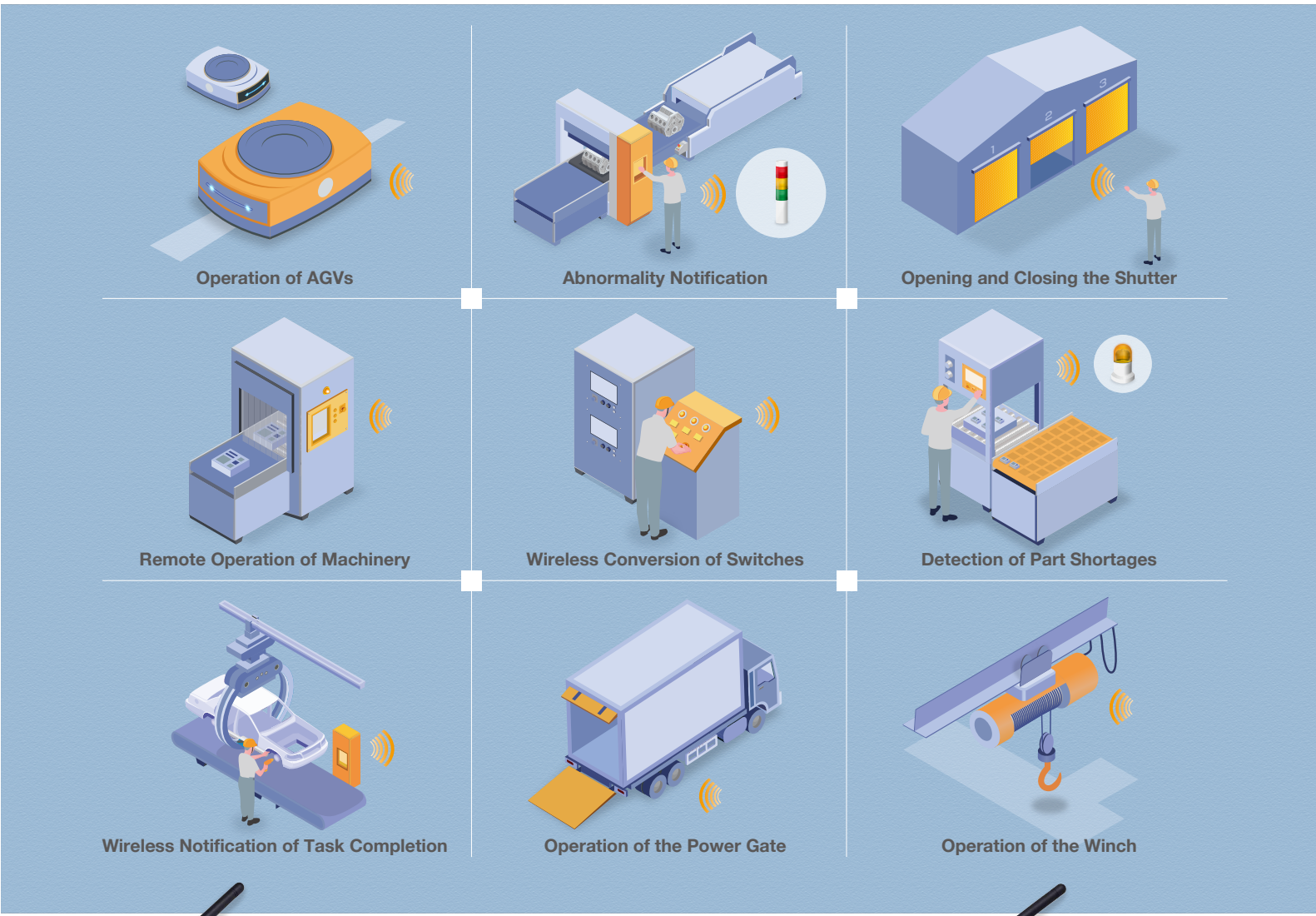
Receiver		
	RC-242RF <sup>4</sup>	RC-248RF <sup>4</sup>
Frequency Band	2,403 MHz–2,478 MHz	
Communication	One-way Communication (no answer-back) / Two-way Communication (with answer-back)	
Input/Output	2 Contact Outputs (AC / DC 30V 0.5 A)	8 Contact Outputs (AC / DC 30V 0.5 A)
Button/Switch	1 Power Switch / 2 Switches (8-position DIP each)	
Display	2 Red Relay-Output LEDs, 1 Red Power Supply LED	8 Red Relay-Output LEDs, 1 Red Power Supply LED
Power Supply	DC 24 V ±20% (DC 19-28 V) <sup>*5</sup>	
Current Consumption	50 mA or less (at DC 24 V input)	100 mA or less (at DC 24 V input)
Operating Environment	Temperature: 0-50°C (32-122°F) / Humidity: 35-80% (without condensation)	
External Dimensions (W x H x D)	103 x 85 x 26 mm (4.1 x 3.3 x 1.0") (excluding protrusions)	195 x 85 x 26 mm (7.7 x 3.3 x 1.0") (excluding protrusions)
Weight	Approx. 250 g (8.8 oz) (including antenna)	Approx. 480 g (16.9 oz) (including antenna)
Antenna	Dipole Antenna	
Accessory	1 AC Adapter [ADB24050]	
Options	External Antenna (Cable 1.5 m (4.9 ft)) [MB-13F-1.5-SMB] <sup>*6</sup>	

Options			
	Strap [STPS-450L]	AC Adapter [ADB24050-C]	External Antenna [MB-13F-1.5-SMB]

- <sup>\*1</sup> When used in the 'with answer-back' setting, the battery life will be approximately halved.
- <sup>\*2</sup> The models for Japan are 'TC-242T' and 'TC-248T'.
- <sup>\*3</sup> By using the optional AC adapter, AC 100-240 V input becomes possible.
- <sup>\*4</sup> The models for Japan are 'RC-242R' and 'RC-248R'.
- <sup>\*5</sup> By using the included AC adapter, AC 100-240 V input becomes possible.
- <sup>\*6</sup> The model for Japan is 'MB-13F-2'.

# Industrial Remote Control

## Reliable Connectivity, Unmatched Control



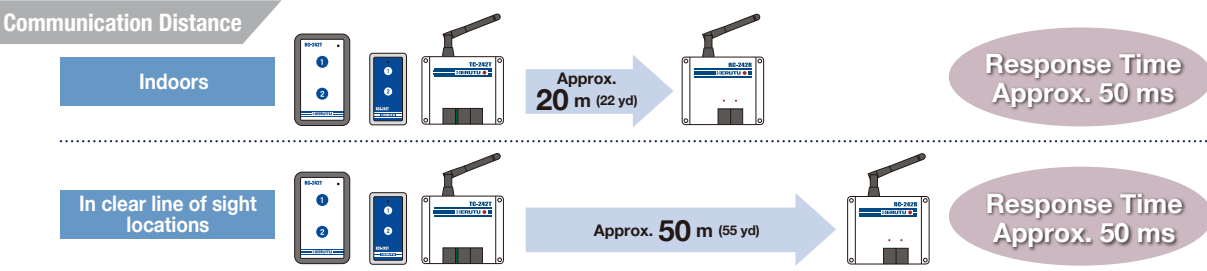
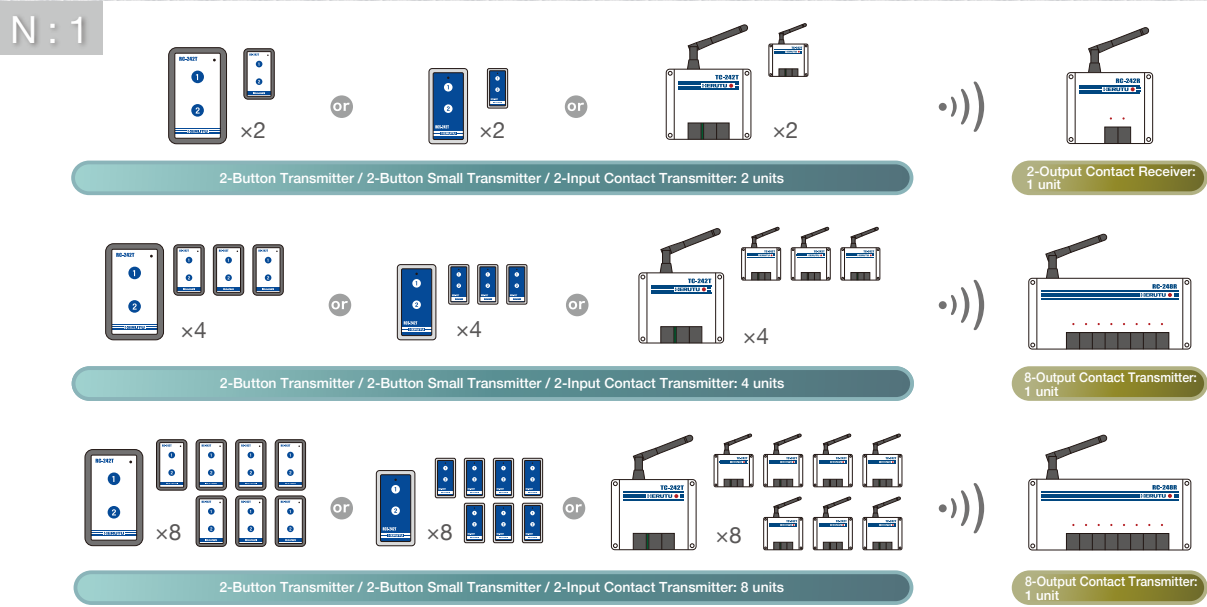
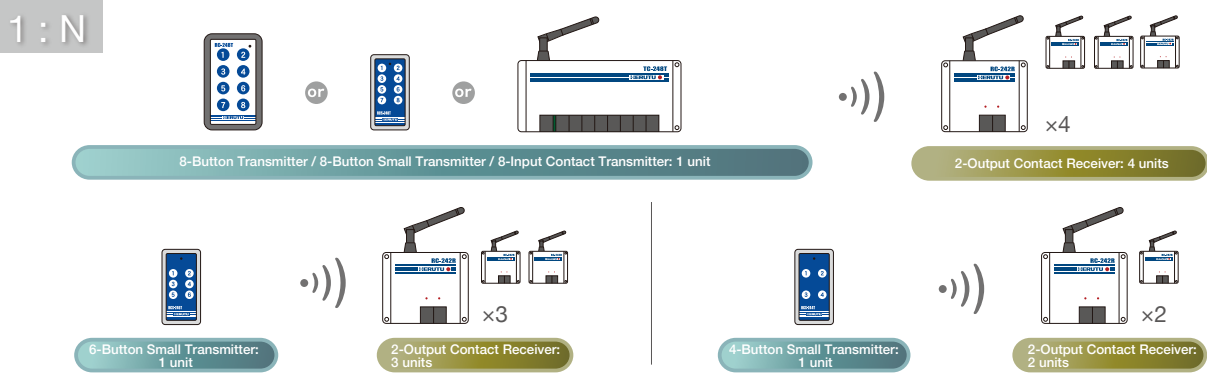
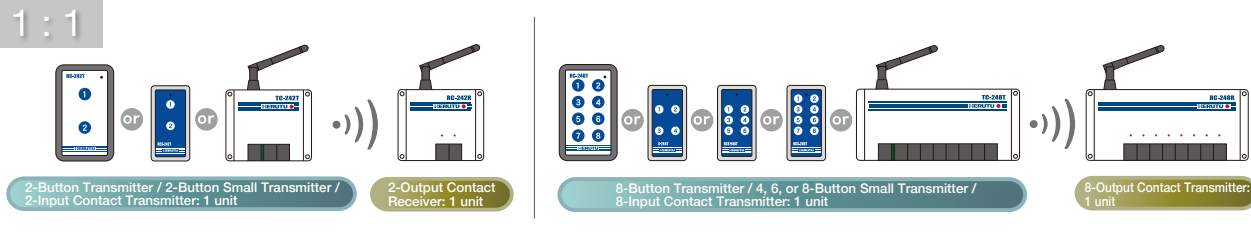
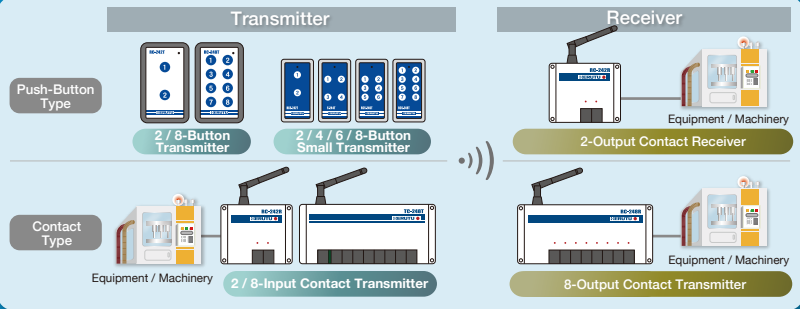
**HERUTU**  
HERUTU ELECTRONICS CORPORATION

422-1 Higashimikata-cho, Chuo-ku, Hamamatsu,  
Shizuoka, 433-8104 Japan  
TEL: +81-53-438-3555 / FAX: +81-53-438-3411  
URL: <https://www.herutu.co.jp/en/>  
Email: [info@herutu.co.jp](mailto:info@herutu.co.jp)

Please contact your nearest distributor.

# Stable Wireless Quality and a Wide Range of Combinations

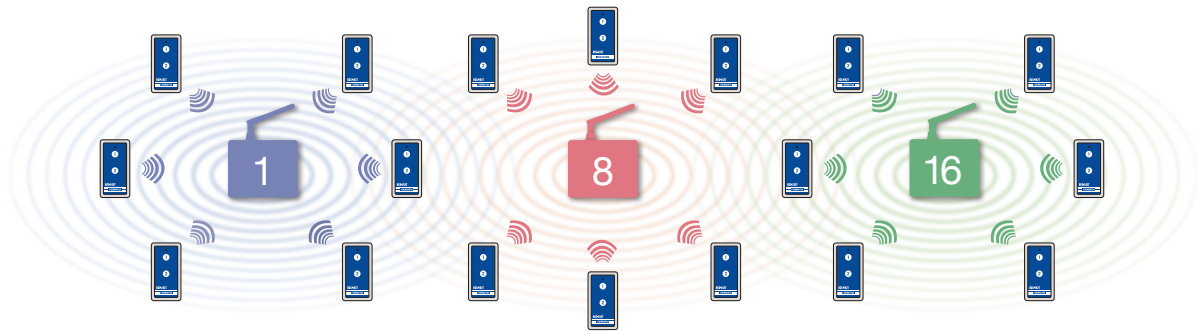
Based on years of experience in 'wireless implementation for factories', we have developed proprietary wireless technology, enabling stable wireless communication for remote control of equipment and machinery. In addition to one-to-one transmitter-receiver combinations, it also supports one-to-many (1 to N) and many-to-one (N to 1) configurations.



Note: The response time refers to the duration from when a signal is input to the input terminal until it is output from the output terminal of the communication partner. The response time and communication distance may vary depending on usage conditions. When outputting in through mode, the response time at the receiver's contact output OFF state is approximately 120 ms.

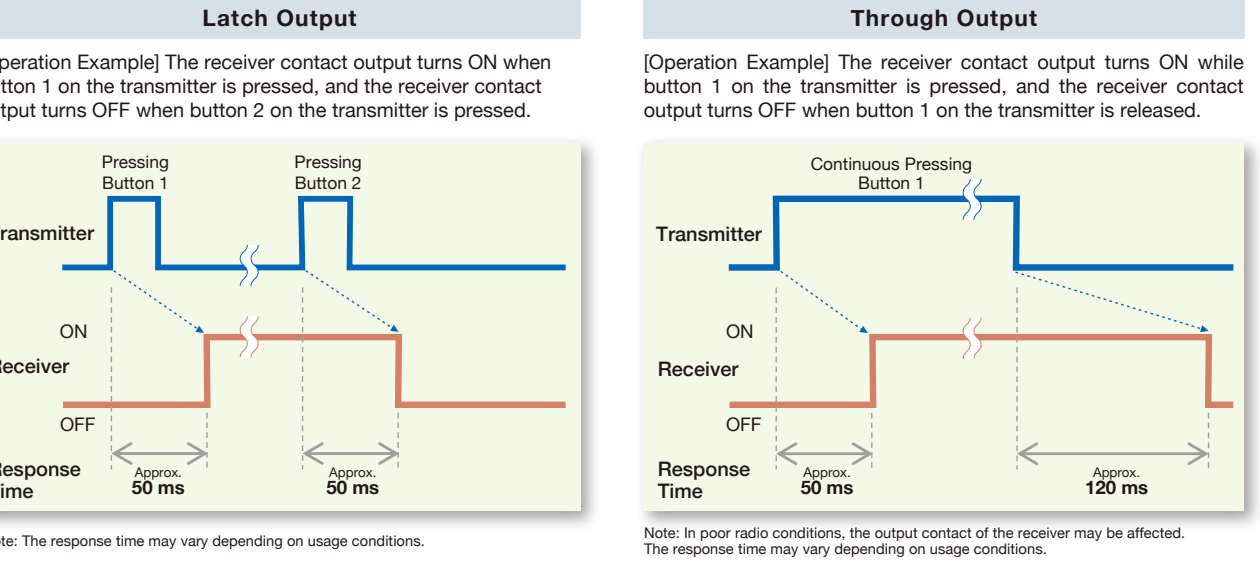
# Simultaneous Use of 16 Groups in the Same Communication Area

By changing the operating frequency within the frequency band in the same communication area, communication can be achieved without radio interference. By setting a unique channel table for each group from the 16-channel table, simultaneous use of 16 groups within the same communication area is possible.

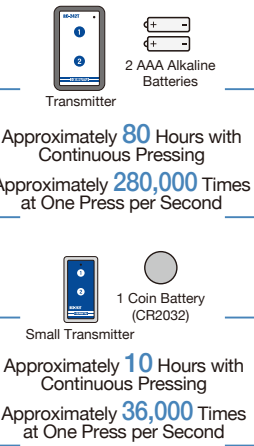


# Selectable Between "Latch Output" and "Through Output"

You can use either one of the two output modes: 'latch output' or 'through output'. Flexible choices can be made to meet on-site needs, such as 'output only while pressing' or 'maintain output until cleared'.



# Long Battery Life with Low Power Use

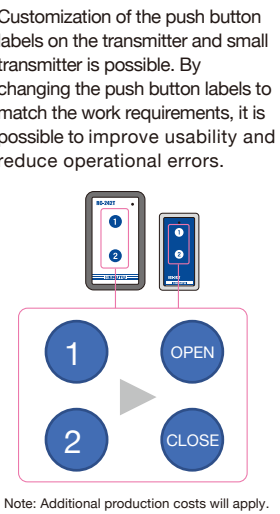


Note: When used in the 'with answer-back' setting, the battery life will be approximately halved.

# Protective Cover Included as Standard



# Customizable Push Button



# External Antenna Available as an Option

