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TX-800-A

925MHz ~ 928MHz RFID Two-Way Remote Controller

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Version History

Version	Date	Changes
V1.02	Oct. 6, 2008	1st Edition

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Important Event

- This product is in general use for the equipment on the premise of the development, design, manufacture. Do not use that require high security purposes, such as machinery or medical, aviation equipment, machinery and transport-related deaths are directly or indirectly related to the system.
- This product should be in this brochure by the instructions of the types and rated voltage power under the current proper use. If violation of this statement by the safety records of the supply operation, I am afraid our company cannot afford any of the responsibility.
- Do not self-decomposition, alteration, repair of the products also will cause fire, electric shock, fault, and dangerous. In addition, their decomposition, alteration, repair the product, failure is not within the scope of warranty.
- The products are not waterproof, so please do not use and touch water. Take off and on also please note. Rain, spray, drinks, steam, sweat may be a failure.
- Use of this product, please be sure to use according to the statement recorded by the use of methods to operate. Please do not violate particular attention to the matter reminded to use.
- Please respect this statement recorded by the note. When consumers in contravention of this statement recorded note of the operation, I am afraid our company could not shoulder any responsibility.
- Products are defective, the Company will be responsible for free to amend the flaws, or to the same flawless product or its equivalent products in exchange. However, the Company does not assume based on the requirements of the flaw and loss responsibility.
- The Company reserves the right to retain without notice to users of the cases, the product of hardware / software (version upgrade) is with the right to edit.

Declaration

This product provides different frequency for user selection to meet different telecommunication regulation and FCC/CE on different countries.

Warranty

The warranty time is within one year from purchased date. The warranty scope are used in normal situation and none vandalism. (Some function harmful out of warranty scope and Vandalism are Un-warranty).

Un-warranty Scope Description

- Because the natural disaster, accident or human factor to cause the bad damage.
- Violate the product instruction manual to cause the damage of the products.
- The improper assemble causes damage.
- The products used the unsanctioned accessory to cause damaged.
- Overstep the allowed used environment to cause the products damaged.

Contact Us

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Product Instruction

TX-800-A wireless remote control is a two-way RFID remote control and wide applications; it can collocate with many types of host for different application. Use in family garage door control, RFID auto-door, building, rolling door control, place of parking lot control, access into/out of community management, industry system control. You can set various function and let it to be humanized facilities.

Feature

- Two-way communication
- Automatically feedback system
- Low voltage search
- Long standby time
- Waterproof design

Application

- Family Garage Door Control
  TX-800-A wireless remote control pair with RD-747 active RFID garage door control can use in family garage door control. There are two ways for your best choices: one is touch and another is sensor. You can select one of them and start to step up according to our manual. It is not only can control garage door open and close, also can control garage door and light on/off automatically during effective distance which you set. When the distance is over effective distance, it will close garage door and light to save your times for key finding also save the electronic power to achieve energy and carbon saving for environmental protection.

- Auto-Door Control
  TX-800-A wireless remote control collocates with RD-747 active RFID garage door control.
  Use in auto-door control, it can set distance of TX-800-A to automatically open and close.

- Building, Store Rolling Door Control
  TX-800-A wireless remote control pair with RD-747 active RFID garage door control can use in building, store and rolling door of store control.

- Place of Parking Lot Remote Control
  TX-800-A wireless remote control pair with RD-747 active RFID garage door control and use in parking lot under underground parking lot control.
  It can reach the floor from elevator during the effective distance which you set so that you can save much times.

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- Community Access Into/Out Management
  TX-800-A wireless remote control pair collocate with RD-485 wireless modem controller system, it can use in communicate access into/out management. It can automatically open and close door during effective distance or use the key to open and close the door.

- Motorcycle Anti-Thief Device
  TX-800-A wireless remote control pair with RD-747 can two-way communicates. When person touch the anti-thief device, TX-800-A wireless remote control will get the news back to RD-747 active RFID garage door control to notice motorcycle owner.

- Industry System Control
  TX-800-A wireless remote control pair with RD-485 wireless modem controller system can combine with PLC(programmable logic control) as factory automatically control system. TX-800-A wireless remote control has four keys to control four machines and identify function for every key. It also has strong detected function; it can open or close the machine during effective distance.

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Specification Parameter

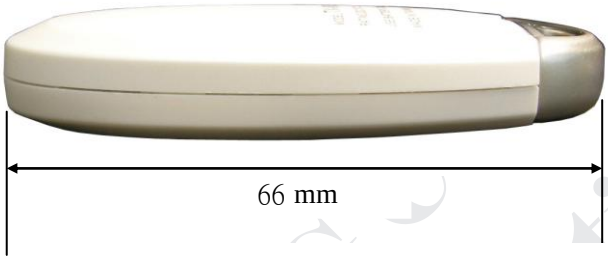
Frequency	925MHz ~ 928MHz
Battery	DC 3V CR2032
Key	4
Modulation mode	GFSK
Transmitting power	≦ +10dBm
Current work	22mA
Standby current	10uA
Operating temperature	-10~+70℃

Dimension Diagram

- Top View



- Side View





- Button View



Waterproof rubber design



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CE Caution Note (European Union)

Symbol of CE it accords with EMC regulation (89/336 / EEC) to represent this device, and the low-voltage regulation of European Union (73/23/EEC). It represents to follow the following standard regulations of European Union (The bracket is a reciprocal international standard reciprocal international standard and regulation).

- EN 60950/A11: 1997/(IEC 60950/A4: 1996),The ones that includes information science and technology of apparatus of e-commerce safe.
- EN 55024: 1998 (IEC 1000-4-2, 1000-4-3, 1000-4-4, 1000-4-5, 1000-4-6, 1000-4-8, 1000-4-11) -' scientific and technological apparatus of information - The characteristic of interfere avoided - Restrain and test method '
- Chapter 2 -Static release (ESD) Demand
- Chapter 3 -Radiate the static field demand
- Chapter 4 -The electron is transmitted / produced and washed (EFT) fast Demand.
- Chapter 5 -surge demand
- Chapter 6 -Resistance demand caused in field of wireless frequency.
- Chapter 8 -Magnetic field demand of electric frequency.
- Chapter 11 –Shortly cut off the demand of making a variation with the voltage transiently under the voltage.

EN 55022:1998/(CISPR 22:1997) ,Class B, ' "To assess information scientific and technological apparatus wireless restriction and way of interfering with the characteristic."

FCC Consistent Declaration (U.S.A. Only)

Attention: FCC rule regulation, modified and changed must allowed by WENSHING Electronics company, otherwise that would make you operate this apparatus invalid. This apparatus adopted test, according to chapter 15 that FCC regulation, accord with Class B digital restrictions of device. These limits are designed to provide reasonable protection, avoid to having harmful interference at home's environment.

This device may have radiated wireless frequency energy. If don't allow the instruction manual, then may will interfere wireless communication. However, there is no any way to guarantee, it will not be interfered in particular installed. If this device really causes harmful interference, (It could be confirmed by turning on or off this device.) Advise you to try to use the following ways modifying the interference situation.

- Relocation receiving antenna or altering its direction.
- Increase the distance between device and receiver.
- Please connect this device to the outlet in the circuit different from the receiver.
- The following manuals is published by Federal Communications Commission, they must be helpful to all users.
- How to Identify and Resolve Radio-TV Interference Problems. (This manual can be obtained by relevant departments of publication of the U.S. government.)
- Government Printing Office, Washington D.C., 20402. Stock No. 004-00398-5

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