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433MHz Wireless Remote Rotating Pannier

**OWNER'S MANUAL**  
( PLEASE READ BEFORE USE )



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**FCC CE 0336!**

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## | Important-Safety Precautions

- To prevent fire or shock hazard, do not expose this product to rain or moisture. Do not use near a bathtub, wash bowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool.
- To avoid electrical shock, do not open this product.
- This product should be operated to use the power supply must have the same voltage as the local area.
- Do not overload wall outlets and extension cords as this can result in the risk of fire or electrical shock.
- Refer servicing to qualified personnel only.

**Caution: Changes or modifications not expressly approved by the Party responsible for compliance could avoid the user's authority to operate the equipment.**

## | Note:

This equipment is designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy, if not installed and used in accordance with the instruction, it 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 technician for help.

## | GENERAL:

Thanks for purchasing this 433MHz wireless Remote Rotating Pannier, which cooperates with 2.4GHz Wireless Monitoring products. Using **SAW** resonator results in a more stabilized frequency than **LC** resonator; Signals are received by advanced microstrip line and **ASK** with low power consume, better in anti-jamming and more sensitive than super-regeneration receiver; Compile large number of codes in three status and ten bits of tri-state address(or $3^{10}$ ), drastically reducing any code collision ; Monitoring transmitter is economically powered by DC output with no additional AC/DC adaptor; Shaped in figure of **MUSE**(a goddess in ancient Greek), this product provides an omni-direction safety for you and your residential area.

## | Features:

- Work with Wireless Monitoring product indoor.
- Two types of rotating: automatism and remote control.
- Synchronously motor driven by **ASK** receiving decode and power by AC15V.
- Two buttons for power on/off and clockwise/contra rotation.
- Red LED indicating effective pressing
- 59049 sets of security code.
- AC15V power supply, security circuit insuring safety.
- Omni-direction rotation(370° rotating range).
- Remote distance: up the 50m(at open site).
- Easy for installation

## A. Checking Contents of Box

Check to ensure all of the components shown as below are included with your wireless IR remote control extender system. If something is missing, please contact your dealer as soon as possible.



1. Remote Transmitter  
(Model: 4642T) × 1



2. Rotating Pannier  
(Model: 4642R) × 1



3. Power adapter (optional) × 1  
? (230VAC50Hz to 15VAC400mA) or  
? (120VAC60Hz to 15VAC400mA)



4. Nylon gel  
Bolt × 3 × 3



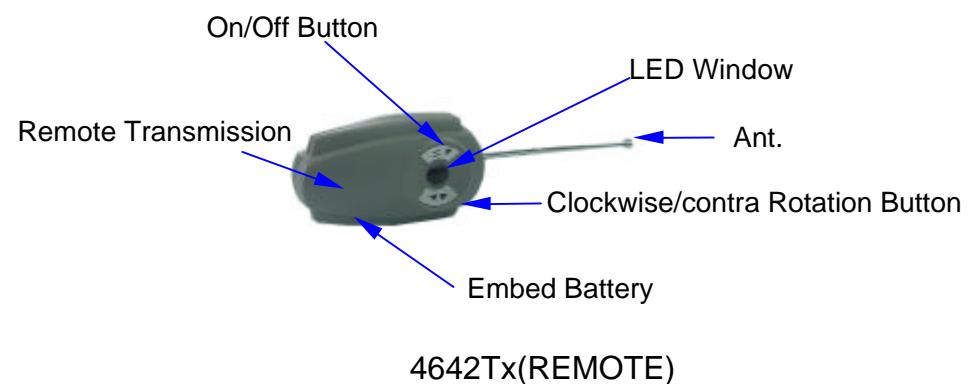
5. Mounting bracket × 1



6. Owner's manual × 1

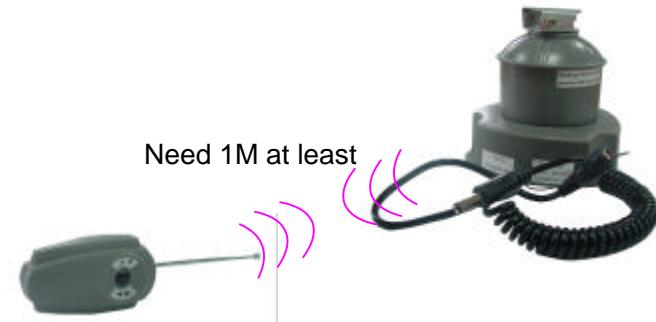
## B. Panel Controls and Features of Universal Type

The following illustrations show the names of each component on the Remote Transmitter and Rotating Pannier.



## C. the Using Attention

1. Not power or remote the facility in fulminous area.
2. Away from strong sunlight or sunshine to prevent power-off from increased temperature. of inner mechanical.
3. Insure sufficient power supply from local electric system.
4. In some situation, there are two or more equipment is used within 50 meter at the same time, perhaps the equipment may not work well.
5. Transmitter using SAW in UHF, cannot be slapped or plunged heavily, otherwise resonator would stop working.
6. Take care of your transmitter, keep it out the reach of kids, who may break antenna or get hurt unexpectedly.
7. Only for Transmitter show use, the red LED window shouldn't be pressed heavily.
8. Rotating Pannier can be rotated only after the power button switched on for normal power supply in any case.
9. Replace with specified battery when remote distance become nearer.
10. Don't let the antenna of rotating Pannier circle around power cord, let it stretch away from that.
11. Tied the power cord of 2.4GHz wireless monitoring transmission to the installing rack for easy rotation.
12. Battery will be saved if you press on button for about continuous 2 seconds.

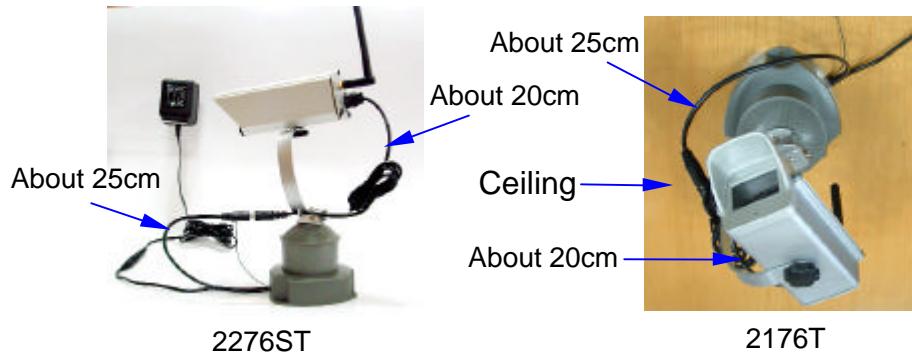


4642Tx(REMOTE)

4642Rx(PANNIER)

## Application and Installation Type :

- 1) Work with 2.4GHz wireless surveillance system.(for example:2176T ect.
- 2) Work with 2.4GHz wireless surveillance with video security-code encryption system. (for example: 2276ST ect .



## ■ How to Installation:



1)Take out pannier



2)Adjust bolt



3) Take out bracket

### D. How to Use the 433MHz Wireless Remote Rotating Pannier

1. This Rotating Pannier can be either ceiling mounted or standing fixed on a platform. After plug to the power, switch left button on and Pannier start rotating with red LED lights on.
2. After turning on left button, the pannier will rotate clockwise/contra automatically.
3. Pressing right button at any time can change the rotating direction.
4. If you want to turn on/off the rotating pannier, please press on the left button.
5. To make the remote transmitter face to the antenna of Rotating Pannier, and the remote distance should be in the Specifications range.
6. Two types of installation: fixed on the horizontal plane put or on the ceiling upside-down.
7. The power cable connecting with DC12V monitoring transmission must be preserved 25CM at least.
8. Firstly, punch the Nylon gel into the place you want to install, then screw the bolts with pedestal on it.



4) Installation bracket



5)Screw



6)Adjust angle



7) Fixed DC Cable



8)Screw Bolt



9) Screw Ceiling

## E. Troubleshooting, Care and Maintenance

Please read this owner's manual carefully and follow the steps described in it. If you still have difficulties, consult the following table. It will guide you through the most common problems and their solutions.

Problem	Possible solution
Remote control dose not work	<ol style="list-style-type: none"> <li>1. Code of 4642T/R Partnership right?</li> <li>2. Battery of 4642T enough?</li> <li>3. If antenna is pulled out or if LED lights</li> <li>4. Make sure that the receiving antenna not circle around power cord.</li> <li>5. If powered by nominal AC15V.</li> <li>6. Adjust the length of DC12V power cord</li> <li>7. Pull out AC15V power reinsert plug</li> </ol>

**Note:** Clean the outside plastic packaging with a soft cloth lightly moistened with mild soap and water. Never use any abrasive scouring powder or solvent.

## F. Specifications

### Remote Transmitter: 4642T

RF Output Power	3dBm± 3dBm
RF Transmitter Frequency	433.92MHz
Battery	12VDC(GP23A 1PCS)
Transmitter Current	40mA
Maintain Current	40nA
Dimension	95mm× 48mm× 28mm
Weight	40g

### Rotating Pannier: 4642R

RF Receiver Sensible	-80dBm(excel)
RF Receiver frequency	433.92MHz
Auto/Remote scanning angle	370°
Manual Adjust angle	75° Max
Speed of Scanning	50 seconds /change
Max load	650g
Noise (away 30cm unload)	Less Than 40db
Power Supply	15VAC 400mA
Output Power	12VDC 200mA
Dimension	100mm× 100mm× 100mm
Weight	320 g

### System: 4642T and 4642R

Operation temperature range	0? ~50?
Remote control range	Up to 50meter (line of sight)

•All specification subject to change without notice