

The Wintercronics Co., Ltd. Model: L TR68A1-1 (referred to as the EUT in this report) is a Transceiver of car alarm security system. It offers wireless remote control, ideal for use in vehicle security system to activate the function of center door lock control system and car searching except the alarm system.

A major technical descriptions of EUT is described as following:

A). Operation Frequency: 433.92 MHz

B). Modulation : Pulse Modulation

C). Antenna Designation: Non-User Replaceable (Fixed)

D). Power Supply: 5V, Battery Operated.

E). Receiver type : Superheterodyne

Fundamental Frequency	433.92MHz
Power Source	5V Battery Operated
Transmitting Time	Periodic $\leq 5$ seconds
Associated Receiver	FCC DOC

## ***L-TR68A-1***

### ***UHF TWO WAY TRANSMITTER MODULE***

#### **Product Specification**

<b>Frequency</b>	<b>433.92MHZ</b>
<b>Modulation</b>	<b>RX : AM TX : AM</b>
<b>Receiver Sensitivity</b>	<b>-115dbm 最小 @ 50</b>
<b>Radiated Power</b>	<b>0dbm 最小 @50</b>
<b>Temperature range</b>	<b>-30 +80</b>
<b>Power Source</b>	<b>5VDC <math>\pm</math>0.5V</b>
<b>Power Consumption</b>	<b>RX : 11 mA TX : 20 mA (average)</b>
<b>Data Rate</b>	<b>2Kbps</b>
<b>RF Freq. Tolerance</b>	<b>+/-100K</b>

#### **Product Dimension**



**MODEL:L-TR68A-1**

#### **Application**

- ◆ **Wireless Meter Reading**
- ◆ **Wireless Data Transceiver**
- ◆ **Keyless Entry Systems**
- ◆ **Wireless Security Systems**
- ◆ **Battery Powered Portable Devices**

## FCC Statement

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. (2) this device must accept any interference received, including interference that may cause undesired operation

### Warning:

Note: This equipment has been tested and found to comply with the limits for digital device, pursuant to Part 15 of 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.

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(1) This device may not cause harmful interference: and

(2) This device must accept any interference received: including interference that may cause undesired operation.

THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

Note: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modification to this equipment. Such modification could void the user's authority to operate the equipment.