

Product Manual

RC-83-T7 V1.3 Wireless Remote Control

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1. Wide usage

This specification applies only to the RC-83-T7 V1.3 remote control (custom-developed version).

2. Product Model

RC-83-T7 V1.3

3. Product Overview

The RC-83-T7 V1.3 is a sleek and stylish wireless remote control with 7 keys. It uses an EV1527 coding chip to control code transmission and is mainly used for remote control of radio equipment and other wireless devices.

4. Product Electrical Spec

No.	Item	Specification Range	Remarks
1	Operating Voltage	10-12 V	Standard: 12 V
2	Static Sleep Current (DC 3 V)	< 5 uA	Actual: 2 uA
3	Operating Transmit Current (DC 3 V)	< 20 mA	Approx. 12 mA
4	Operating Indicator	LED indicator	
5	Operating Center Frequency	433.92 MHz +/- 0.2 MHz	
6	Transmit Power	< 16 dBm	
7	Operating Temperature	-20 deg C to +70 deg C	
8	Number of Keys	1-7 keys available	
9	Coding Chip	EV1527	

5. Remote Key Values

Key / Pin	5 Pin	6 Pin	7 Pin	8 Pin
Start Key	1	0	0	0
Stop Key	0	1	0	0
Time +	0	0	1	0
Time -	0	0	0	1
UP	1	1	0	0
DOWN	0	1	1	0
Stop Key	0	1	0	0

6. Appearance Image



7. Applications

Widely used for various anti-theft alarms, security systems, remote-control equipment, electric roller shutters, rolling doors, garages, gate barriers, motorcycles, short-range and long-range wireless remote-control products, and industrial control products.

8. Package Image



8. FCC Statement:

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.

Warning:

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE:

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.