

RF075E Functional Specification

Introduction

In order to make the hospital bed up / down ,we need to control the two motors forward / reverse by turning on / off the corresponding relays.

Product ID

Pic 1. Transmitter's ID



Product Specification

List 1. Transmitter's parameter

modulation	GFSK
Frequency Range	2.4~2.4835GHz
Transmitted Power	0 dBm
Battery	2 AAA Battery,3V
Working Current	<15mA
Standby Current	<5uA
Ambient Temperature	-40—85℃
RC Dimension	128*40*17mm
PCB Material & Size	FR4 1.0mm 55*38.3mm
Housing Material	ABS+PC

The keys definition:

1. Transmitter:



Definition	Function
KEY_1	If pressed , Relay_1 on
KEY_2	If pressed , Relay_2 on

Functional Description

Pairing method:

- 1. Press the pairing button of the receiver and the LED is on, then you have 10s to make the remote to pair with the receiver.**
- 2. The distance between the transmitter and the receiver should be less than 2 meters when we do the pairing action. press the KEY_1 and KEY_2 of the transmitter simultaneously till the LED blinks ,then the pairing operation is successful . if we can't see the LED blinking till it is off ,the pairing is fail.**
- 3. if the transmitter and receiver need to pair again ,repeat the step 1 and step 2.**

FCC WARNING

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.

NOTE 1: 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.

NOTE 2: Any 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.

CE Notes:

Manufacturer: DewertOkin GmbH

Address: Weststr. 1, 32278 Kirchlengern, Germany

declare that this **RF075E** are in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. A copy of the DoC may be obtained through the address above.

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