

# RF075 User's Manual

## 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**



**Pic 2. Receiver's ID**



## Product Specification

List 1. Transmitter's parameter

modulation	GFSK
Frequency Range	2.404~2.477GHz
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

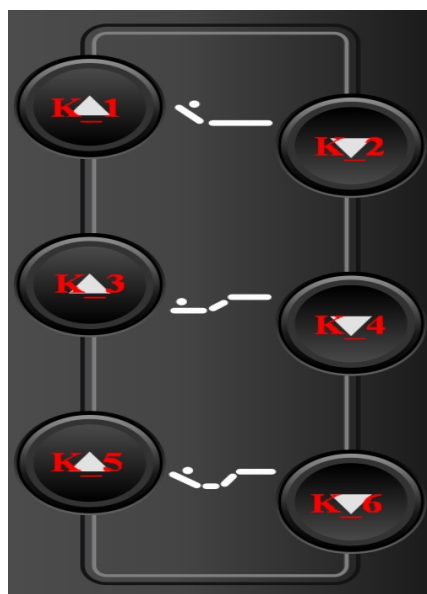
Housing Material	ABS+PC
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**List 2. Receiver's parameter**

modulation	GFSK
Frequency Range	2.404~2.477GHz
Transmitted Power	0 dBm
Power Supply	DC 24 Voltage.(30 Voltage Max-Allowable)
Working Current	<6A
Standby Current	<5mA
Ambient Temperature	-40—85°C
PCB Material & Size	FR4 1.6mm 47.9*85mm

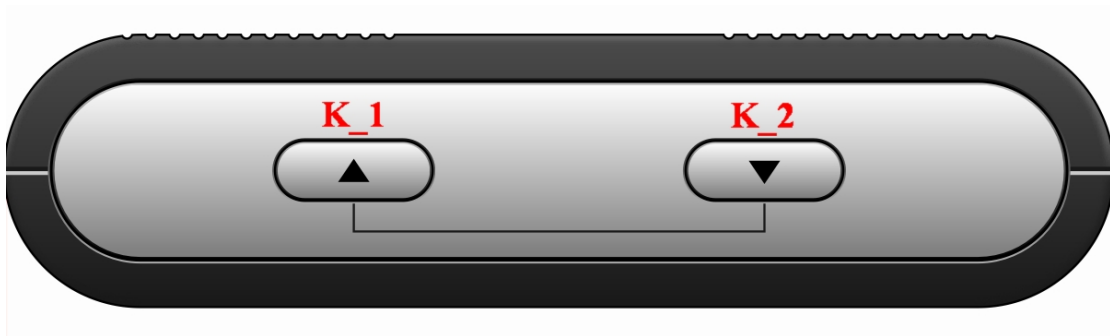
**The keys definition:**

**1. Transmitter:**



Definition	Function
K_1	If pressed , Relay_1 on
K_2	If pressed , Relay_2 on
K_3	If pressed , Relay_3 on
K_4	If pressed , Relay_4 on
K_5	If pressed , Relay_1 and 3 on
K_6	If pressed , Relay_2 and 4 on

## 2. receiver:



Definition	Function
K_1	Relay k2 and k4 switch on Motors are running down
K_2	Pairing enable

## Hardware Information

### 1. Board Schematics (remote)

## **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.