Wiring Instruction

RF Transmitter/Receiver

Please Note

- The receiver should be mounted only in dry locations; however as a precaution against stray moisture, the unit should be mounted with the wires pointing down.
- Metal in the building structure and in the building furnishings may reduce the receiver sensitivity and should be avoided in selecting mounting location,
- The receiver should be mounted at least 150cm above the floor, and 30cm below the ceiling.
- If this is a multi-channel application, or other radio receivers are present a minimum of 20cm should be maintained between receivers
- Operating temperature:+10^0 to +50^0C
- This is a radio frequency controller operating at 433MHz
- Wiring must be operated by professional electronic engineer

Wiring

The receiver is compatible with standard AC tubular motors operating on the same voltage as this unit. In connecting this unit, local building codes should be followed. Other items to be aware of:

- Make sure the power from the building supply has been disconnected when installing or servicing this unit.
- The receiver contains static sensitive devices, and standard practices should be follwed to discharge static charges from all components and the installer before touching the open unit or connecting components
- Use flexible wire and make sure there is no tension on wires connected to the terminal strip.
- Make sure that all Earth (Ground) wires are connected as shown.

Connections

1.Motor Cable Terminals

1 E; Earth Wire To Motor
2 N: Neutral Wire To Motor
3 L: UP /DOWN To Motor
4 R: DOWN/UP To Motor

2 Main Power Terminals

1: L: Live of Power Supply
2: N: Neutral of Power Supply
3: E: Earth of Power Supply

Group Control

Single channel & four channel & five channel transmitter are all available, each LED light means one channel. When the lights are on together, meaning all the channels can work.

Programming

- Press the round button on the transmitter to choose the channel to be set.(If you are using the single channel, do not need to choose channel)
- Power the receiver first, then 5 beeps will be sound meaning the receiver is ready to set up program, it'll return to the original status if no pressing the transmitter "UP" button within these 5 seconds
- Press and hold down "UP" to be memorized.
- Release button "UP" when you hear the first of the 3 beeps confirming memorization

Add the new transmitter (the power is still on)

- Press and hold down the **old** transmitter 'STOP" button (about 5 seconds) till hear the 5 beeps from the receiver then release, the receiver is to be memorized.
- Press and hold down the **new** transmitter "UP" button till hear 3 beeps from the receiver then release confirming the new memorization.

Note: One receiver only can accept and store up to 10 transmitters' memories, if the 11th channel is input, the receiver will regard this 11th channel as the first memory

Delete All Stored Channels' Memories

P.S. the transmitter must has been memorized before.

Press and hold down the transmitter "STOP" button (about five seconds) till hear 5 beeps from the receiver ,at the same time, press the setting button on the rear of the transmitter.

All the stored memories are deleted.

Changing directions

P.S. The transmitter has been memorized

Press and hold down the old transmitter "STOP"" buttons(about 5 seconds) till hear 5 beeps then release, press the transmitter "DOWN" button,, then 3 beeps will be heard, meaning the direction is changed.

Setting "Deadman function"& "Impulse function"

P.S. The transmitter has been memorized

Press and hold down the old transmitter "STOP" button for about 5 seconds till hear receiver's 5 beeps, then release,

Press transmitter "STOP" button till hears receiver's 3 beeps, meaning the "UP" or "DOWN" buttons can operate *Deadman function*. If holding "UP" or "DOWN" button over 1.5 seconds, the motor will practice *Impulse function*

Replacing T
he Transmitter's Battery

- Remove the screw from the back using a small Phillips screwdriver and remove the back cover
- Take out the old battery and replace it with a new one(type 23A 12VDC).
- Replace the back cover and screw.