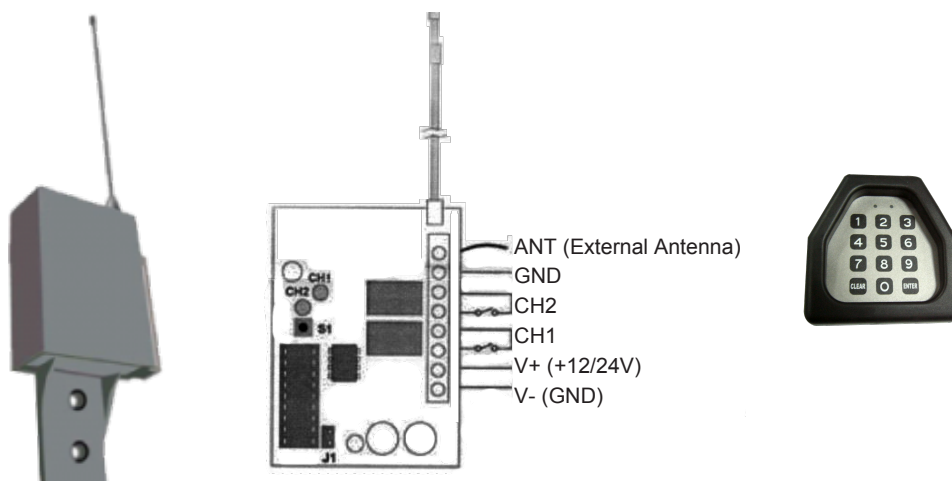# MANUAL

9700W WIRELESS KEYPAD

03-11-2016

BI-CHANNEL RF LEARNING
A memory can be stored in CH1 or CH2 by pressing S1 button choose the channel

Press S1, and LED "CH1" lights on.
Now it enters into RF learing mode for CH1.
Press a remote control button wished to be used until the LED :CH1" goes off, and then flashes.
The numner of LED flashes indicates the number of sequesence that occupies memory cells.

Press S1, and LED "CH1" lights on.
Press S1 gain, LED "CH1" lights off and LED "CH2" lights on.
Now it enters into RF learning mode for CH2.
Press a remote control button wished to be used until the LED" CH2" goes off, and then flashes.
The number of LED flashes indicates the numner of sequence that occupies memory cells.

It can be stored up to 30 different codes of remote controls (CH1 + CH2).

OPERATION FOR OUTPUT OF CH1 & CH2
The relay of CH1 or CH2 stayed closed as long as the learned remote control button is pushed.
Release the button, the relay opens.

PARTIAL CODE DELETION or REPLACEMENT
To delete or replace one ot more stored codes, act as below:
Press and hold S1 until LED goes off.
Release S1 and LED starts flashing at low rate from 1 to 30.
Count the numner of flashes and press S1 again at the number of stored memory you wish to delete.
And then it enters into RF LEARNING MODE.
Press a remote control button to replace the code in selected memory cell.
OR
Wait till the LED goes off to free this memory cell.

RESET
Disconnect DC power.
Press and hold S1 while reconnecting DC power
Upon reconnection, the LEDs flash 6 times to indicate all stored memories of codes have been erased.

SPECIFICATION

Frequency:	433.92 MHz
Input:	12/24V DC
Consumption:	15mA stand- by
Sensibilty:	>-103dBm (@S/N=17dB, m=100%)
Size:	132×30×67mm
Weight:	105g
Memories:	30 max. (CH1 + CH2)

Wireless Keypad

General description

1. There are 9 Channels available. Each Channel only accepts 1 set of Channel Code (but this Channel Code can be reset repeatedly). Besides, each code is composed of 1 ~ 8 digits.

2. The first digit must be the same number as the Channel Number selected.

   For example, the code for Channel 1 is: 1XX

           the code for Channel 2 is: 2XXX

           ----

           the code for Channel 9 is: 9XXXXXX

3. If the Channel Code is correctly entered, the RF signal of that Channel could be sent, with L1, L2 on for 3 seconds, indicating the signal has been sent.

4. Whenever there's an error, L1, L2 will flash fast for 4 seconds, and be off, meaning there's an error.

Reset Installation Code

1. Remove the battery.

2. Press "CLEAR" button and put the battery back. Wait 3 seconds; L1, and L2 will flash 5 times with 5 short beeps.

3. Release "CLEAR" button, and the Installation Code is now reset to 999999.

Change Installation Code

1. Press ENTER + 999999 (default value) + ENTER => L1, L2 will be on for 3 seconds. After a long beep, L1, L2 will be off.

2. Press 1 + ENTER => L1 will be on, with a short beep, + 999999 + ENTER => L1 will be on, with a short beep.

3. Enter a 6-digit code. Ex.: XXXXXX + ENTER => L1 will be on, with a short beep.

4. Enter the above code again to confirm the new code => Ex.: => XXXXXX + ENTER => L1, L2 will be on for 4 seconds, with a long beep, and L1, L2 will be off, implying the Installation Code has been successfully changed.

Set a Channel Code

1. Press ENTER + Installation Code + ENTER => L1, L2 will be on for 3 seconds, with a long beep, and L1, L2 will be off.

2. Press 2 + ENTER => L2 is on, with 2 short beeps, and L2 remains on, entering Channel Code Setting Mode.

3. Select a desired Channel Number (1 ~9) + ENTER => there will be a short beep, and L2 remains on.

4. Enter a desired Channel Code (1 to 8 digits) + ENTER => there will be a short beep, and L2 remains on.

5. Enter the code again to confirm the Channel Code.

   XXXXXXXX + ENTER => L1, L2 will be on for 4 seconds, with a 4-second long beep, and L1, L2 will be off along.

6. A second setting can overwrite a previously set Channel Code.

Delete a Channel Code

1. Press ENTER + 6-digit Installation Code + ENTER => L1, L2 will be on for 3 seconds, with a long beep, and L1, L2 will be off.

2. Press 2 + ENTER => L2 will be on, with 2 short beeps, and L2 will be on, entering Channel Code setting mode.

3. Select a Channel Number(1~9) that you intend to delete + ENTER

   Channel Number + ENTER => there will be a short beep, and L2 will be on.

4. Enter the command of deletion

   Press 0 + ENTER => there will be a short beep, and L2 will be on.

5. Enter the above command again to confirm the deletion.

   Press 0 + ENTER => L1, L2 will be on, with a 4-second long beep, and L1, L2 will be off.

Battery indication

1. The battery voltage is normal if you hear a beep when any single button is pressed.

2. The battery voltage is about half-discharged if you hear 2 beeps when any single button is pressed. No setting is available at this moment. Only RF transmission is allowed.

3. The battery needs to be replaced if you hear 3 beeps.

Quick install manual

Before placing the receiver and keypad in their final position please make sure you program your personal code first and match your code with the receiver.

Keypad :
Program your personal code:
Press: Enter
Press: 999999
Press: Enter
Press: 2
Press: Enter
Press: a number from 1-9 (the number you choose must be the first number of your personal code)
Press: Enter
Press: your personal code existing of 3 – 6 digits starting with the number you choose in the previous step.
Press: Enter
Press: your personal code again.
Press: Enter

(reset: disconnect the battery; press and hold the clear button while reconnecting the battery)

Match the keypad to the receiver :

A memory can be stored in CH1 (press the S1 button 1 time) or in CH2 (press the S1 button 2 times) After pressing the S1 button the LED will light on and now the receiver is in learning mode.

While the LED is still on enter your personal code on your keypad (or if you want to program a remote control press the button on the remote). The LED will now turn off and flash. Now you can use the keypad/remote control. The receiver can store up to 30 different codes.

For further installation details we refer to the installation manual included in our products.

Installation Receiver :

Connect the receiver to the device you want to operate with your keypad (remote control). See schematic drawing for the correct wiring)

ANT (External Antenna)
GND
CH2
CH1
V+ (+12/24V)
V- (GND)