Manual for WKPAD2 Wireless Keypad

WKPAD2 Wireless Keypad was designed for wireless entry. With the keypad, you can select up to 12 most popular rolling code and 13 brands fixed code remote in the world. The password can keep the keypad work with security.

1. Password Input and Change

The default passwords are "8888" at factory.

Change passwords: sequentially press key "**PIN + CCCC**", where "**CCCC**" are current passwords. If the passwords are correct, WKPAD2 beep 1s. Then continues press new passwords, "**PIN + NNNN**". Press "**PIN + NNNN**" again to confirm new passwords input correctly, now the passwords changed as "**NNNN**".

Reset as default passwords: Remove the battery first. Press the key "**8**"and holding. Reinstalled the battery into box, the WKPAD2 will beep 1s. The passwords are reset as default passwords, "**8888**"

2. Remote learn

The WKPAD2 can work as 2 channels remote with the button **"PIN"** or **"OK".**

Before the WKPAD2 can work with the receiver, the remote brands must be selected by DIP switch and the code must be learnt into the receiver first. The brands selection shows as table1.

After the brand have been selected, sequentially press key **"OK + CCCC + PIN"**, **"CCCC"** are current passwords, WKPAD2 send necessary code into receiver and channel 1# is learn successfully. Press key **"OK + CCCC + OK"**, **"CCCC"** are current passwords, WKPAD2 send necessary code into receiver and channel 2# is learn successfully.

3. Remote work

The WKPAD2 can work as 2 channels remote with the button **"PIN"** or **"OK".**
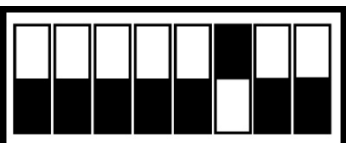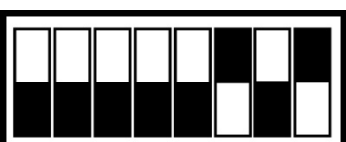
Sequentially press buttons **"CCCC + PIN"**, **"CCCC"** are current passwords, the WKPAD2 works as channel 1#. Press buttons **"CCCC + OK"**, **"CCCC"** are current passwords, the WKPAD2 works as channel 2#. WKPAD2 send corresponding brand and button code to receiver for work.
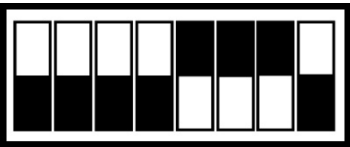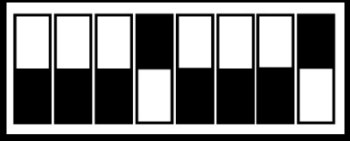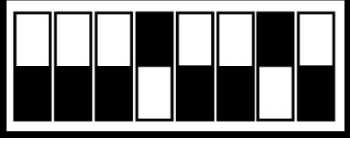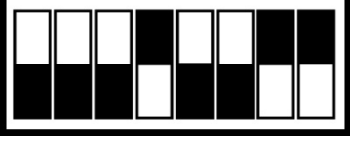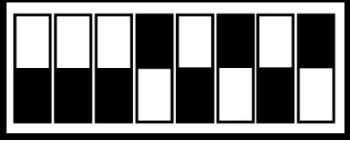
The button codes show as table1.
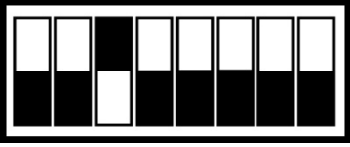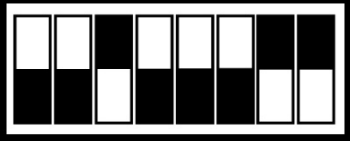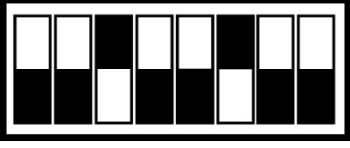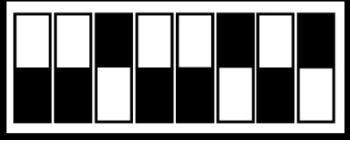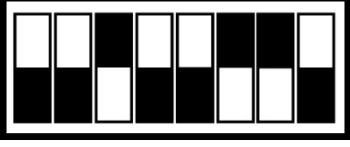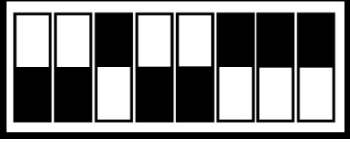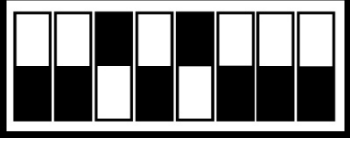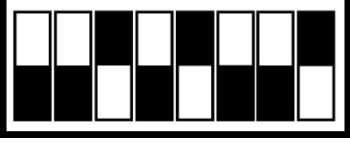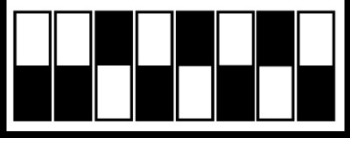
4. Tips
1. All buttons must be pressed sequentially within 1s.
2. WKPAD2 beep once every button pressed.
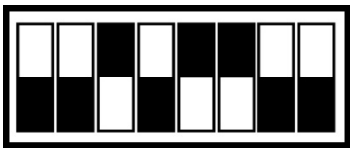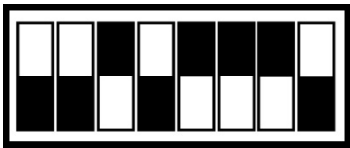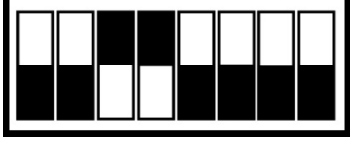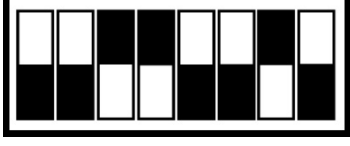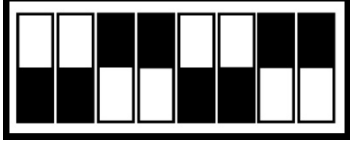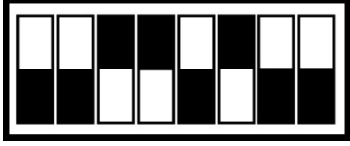
Table1
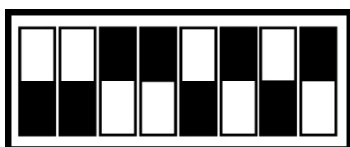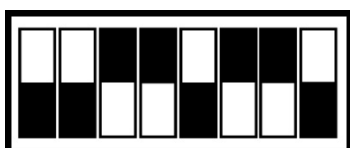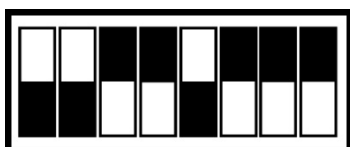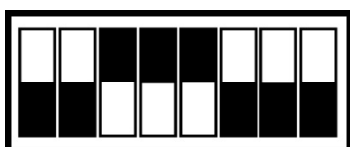
Item	DIP selection for brand	Brand	keypad Press Sequence	Remote Button	Work channel
1		BFT Rolling code	CCCC + PIN	0x02	Channel 1#
			CCCC + OK	0x04	Channel 2#
2		NICE SMILO Rolling code	CCCC + PIN	0x02	Channel 1#
			CCCC + OK	0x04	Channel 2#

3		BENICA Rolling code	CCCC + PIN	0x02	Channel 1#
			CCCC + OK	0x04	Channel 2#
4		DEA Rolling code	CCCC + PIN	0x02	Channel 1#
			CCCC + OK	0x04	Channel 2#
5		ERREKA Standard Rolling code	CCCC + PIN	0x02	Channel 1#
			CCCC + OK	0x04	Channel 2#
6		GiBiDi Rolling code	CCCC + PIN	0x02	Channel 1#
			CCCC + OK	0x04	Channel 2#
7		NOVOFERM	CCCC + PIN	0x02	Channel 1#
			CCCC + OK	0x06	Channel 2#
8		PUJOL Rolling code	CCCC + PIN	0x02	Channel 1#
			CCCC + OK	0x04	Channel 2#
9		FAAC Rolling code	CCCC + PIN	0x02	Channel 1#
			CCCC + OK	0x04	Channel 2#
10		MUTAN CODE Rolling code	CCCC + PIN	0x01	Channel 1#
			CCCC + OK	0x02	Channel 2#
11		DOORHAN Rolling code	CCCC + PIN	0x02	Channel 1#
			CCCC + OK	0x08	Channel 2#
12		APRIMATIC Rolling code	CCCC + PIN	0x05	Channel 1#
			CCCC + OK	0x0A	Channel 2#
13		MAP Rolling code	CCCC + PIN	0x02	Channel 1#
			CCCC + OK	0x04	Channel 2#
14		CENTRION	CCCC + PIN	0x02	Channel 1#

item	DIP selection for brand	Brand	keypad press Sequence	Remote Button	Work channel
		Rolling code	CCCC + OK	0x04	Channel 2#
15		FOX Rolling code	CCCC + PIN	0x02	Channel 1#
			CCCC + OK	0x04	Channel 2#
16		MAX EAGLE Rolling code	CCCC + PIN	0x05	Channel 1#
			CCCC + OK	0x0A	Channel 2#
17		SOMMER 1	CCCC + PIN	0x02	Channel 1#
			CCCC + OK	0x04	Channel 2#
18		FAAC 2 Rolling code	CCCC + PIN	0x01	Channel 1#
			CCCC + OK	0x02	Channel 2#
19		CARDIN Rolling code	CCCC + PIN	0x02	Channel 1#
			CCCC + OK	0x04	Channel 2#
20		SOMMER 2 Rolling code	CCCC + PIN	0x02	Channel 1#
			CCCC + OK	0x04	Channel 2#
21		NORTON Rolling code	CCCC + PIN	0x02	Channel 1#
			CCCC + OK	0x04	Channel 2#
22		Sanfords Rolling code	CCCC + PIN	0x02	Channel 1#
			CCCC + OK	0x04	Channel 2#
23		GENIE Rolling code	CCCC + PIN	0x02	Channel 1#
			CCCC + OK	0x04	Channel 2#

New brands will be available at next version

#	Switch	Brand	Command	Code	Channel
1		PROTECO Fixed code	CCCC + PIN	0x00	Channel 1#
			CCCC + OK	0x02	Channel 2#
2		DITEC Fixed code	CCCC + PIN	0x0E	Channel 1#
			CCCC + OK	0x0D	Channel 2#
3		MOTORLINE Fixed code	CCCC + PIN	0x04	Channel 1#
			CCCC + OK	0x05	Channel 2#
4		PRASTEL Fixed code	CCCC + PIN	0x01	Channel 1#
			CCCC + OK	0x02	Channel 2#
5		ROLTORE Fixed code	CCCC + PIN	0x0E	Channel 1#
			CCCC + OK	0x0D	Channel 2#
6		NICE FLOW Fixed code	CCCC + PIN	0x01	Channel 1#
			CCCC + OK	0x02	Channel 2#
7		KINGATE Fixed code	CCCC + PIN	0x0E	Channel 1#
			CCCC + OK	0x0D	Channel 2#
8		CAME Fixed code	CCCC + PIN	0x07	Channel 1#
			CCCC + OK	0x0B	Channel 2#
9		KEY Fixed code	CCCC + PIN	0x0A	Channel 1#
			CCCC + OK	0x06	Channel 2#
10		ROGER Fixed code	CCCC + PIN	0x01	Channel 1#
			CCCC + OK	0x02	Channel 2#
11		TANGO2 Fixed code	CCCC + PIN	0x01	Channel 1#
			CCCC + OK	0x02	Channel 2#
12		MARANTEC Fixed code	CCCC + PIN	Independent remote code for Channel 1#	

		433.92MHz	CCCC + OK	Independent remote code for Channel 2#
13		MARANTEC Fixed code 868MHz	CCCC + PIN	Independent remote code for Channel 1#
			CCCC + OK	Independent remote code for Channel 2#
		BILLION Fixed code 315MHz	CCCC + PIN	Independent remote code for Channel 1#
			CCCC + OK	Independent remote code for Channel 2#
		BILLION Fixed code 433.92MHz	CCCC + PIN	Independent remote code for Channel 1#
			CCCC + OK	Independent remote code for Channel 2#
		BILLION Fixed code 868MHz	CCCC + PIN	Independent remote code for Channel 1#
			CCCC + OK	Independent remote code for Channel 2#
		LIFT MASTER Motorlift 433.92MHz	CCCC + PIN	Independent remote code for Channel 1#
			CCCC + OK	Independent remote code for Channel 2#
		LIFT MASTER Motorlift 868MHz	CCCC + PIN	Independent remote code for Channel 1#
			CCCC + OK	Independent remote code for Channel 2#
		LIFTMASTER Lobas 433.92MHz	CCCC + PIN	Independent remote code for Channel 1#
			CCCC + OK	Independent remote code for Channel 2#
		LIFTMASTER Lobas 315MHz	CCCC + PIN	Independent remote code for Channel 1#
			CCCC + OK	Independent remote code for Channel 2#
		LIFTMASTER Lobas 868MHz	CCCC + PIN	Independent remote code for Channel 1#
			CCCC + OK	Independent remote code for Channel 2#

	LIFTMASTER Chamberlain 868MHz	CCCC + PIN	Independent remote code for Channel 1#		
		CCCC + OK	Independent remote code for Channel 2#		
	LINEAR 318MHz	CCCC + PIN	0x01	Channel 1#	
		CCCC + OK	0x02	Channel 2#	
	V2 433.92MHz	CCCC + PIN	0x01	Channel 1#	
		CCCC + OK	0x02	Channel 2#	
	V2 868MHz	CCCC + PIN	0x01	Channel 1#	
		CCCC + OK	0x02	Channel 2#	
	SOMMER 868MHz	CCCC + PIN	0x02	Channel 1#	
		CCCC + OK	0x04	Channel 2#	
	CARDIN 433.92MHz	CCCC + PIN	0x02	Channel 1#	
		CCCC + OK	0x04	Channel 2#	
	SOMMER 433.4MHz	CCCC + PIN	0x02	Channel 1#	
		CCCC + OK	0x04	Channel 2#	
	CARDIN 434MHz	CCCC + PIN	0x02	Channel 1#	
		CCCC + OK	0x04	Channel 2#	
New brands will be available at next version					

Samples:

Change default passwords as "1234"

1. With the WKPAD2 as default setting, the passwords is **"8888"**
2. Sequentially press buttons "**PIN + 8888**", WKPAD2 read the passwords and confirm if the passwords are correct. The WKPAD2 beep 1s to indicate confirm ok. Continue press button "**PIN + 1234**", the WKPAD2 record the new passwords, press button "**PIN + 1234**" again, WKPAD2 confirm both passwords matched, WKPAD2 beep again and the passwords was changed as **"1234"** successfully.
3. Keep the new password in mind for next access.

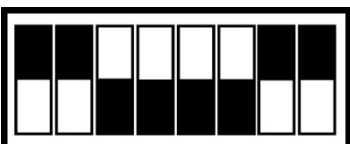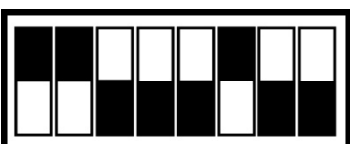**Entry WKPAD1 into Receiver BFT**

4. Open the front cover of the keypad, select the dip position as ▥. Now the brand is changed as BFT rolling code. The passwords have been changed as **"1234"**

5. Ready the receiver BFT, sequentially press buttons "**OK + 1234 + OK"**, the backlight flash to indicate passwords input correct and WKPAD2 send hidden button first, then send normal code automatically. The WKPAD2 channel 2# should be entry into BFT receiver successfully.

6. Sequentially press button "**1234 + OK"**, the BFT receiver channel 2# should works.

7. At step 2, sequentially press buttons "**OK + 1234 + PIN"** the WKPAD2 channel 1# should be entry into BFT receiver successfully. Press "**1234 + PIN"**, the BFT receiver channel 1# should works.
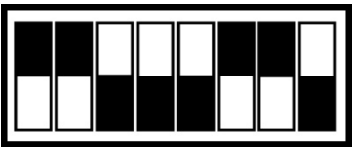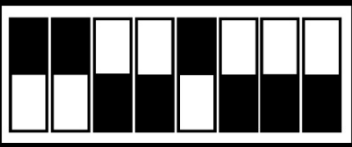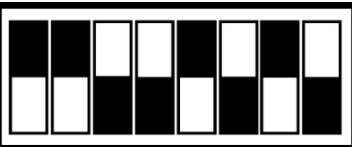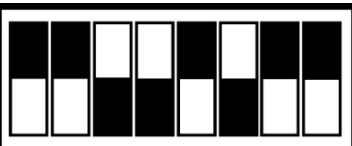
Clone Mode

Also, this keypad can work under clone mode. Set most left 2 DIP at up position, the keypad entry into clone mode. The brands show in table.

Select the brand will be cloned, then press **CCCC + PIN** for clone channel 1# or **CCCC + OK** for channel 2#. Press the original remote until the keypad beep and flash to show clone successfully.

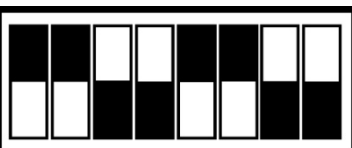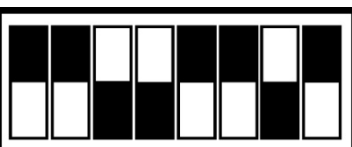### Clone Mode Table

Item	DIP selection for brand	Brand	keypad Press Sequence	Work channel
1		FAAC 868MHz SLH	CCCC + PIN	Channel 1#
			CCCC + OK	Channel 2#
2		HORMAN MARANTEC FAAC 868MHz	CCCC + PIN	Channel 1#
			CCCC + OK	Channel 2#
3		UNIVERSAL FIXED CODE 433.92MHz	CCCC + PIN	Channel 1#
			CCCC + OK	Channel 2#
4		DITEC 433.92MHz	CCCC + PIN	Channel 1#
			CCCC + OK	Channel 2#
5		FAAC 433.92MHz SLH	CCCC + PIN	Channel 1#
			CCCC + OK	Channel 2#
6		CLEMSA	CCCC + PIN	Channel 1#
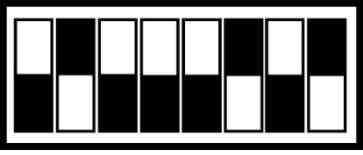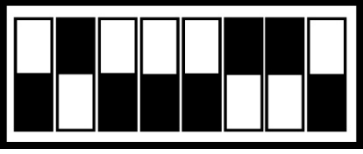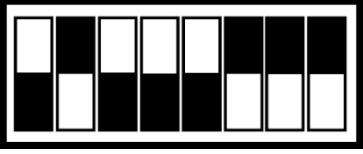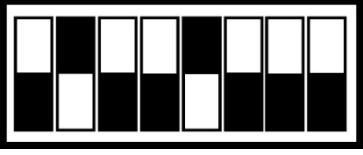
		Frequency	CCCC +	Channel
		433.92MHz	CCCC + OK	Channel 2#
7		MARANTEC 433.92MHz	CCCC + PIN	Channel 1#
			CCCC + OK	Channel 2#
8		UNIVERSAL ROLLING CODE 433.92MHz	CCCC + PIN	Channel 1#
			CCCC + OK	Channel 2#
9		V2 433.92MHz	CCCC + PIN	Channel 1#
			CCCC + OK	Channel 2#
10		V2 868MHz	CCCC + PIN	Channel 1#
			CCCC + OK	Channel 2#
11		UNIVERSAL FIXED CODE 306MHz	CCCC + PIN	Channel 1#
			CCCC + OK	Channel 2#
12		UNIVERSAL FIXED CODE 310MHz	CCCC + PIN	Channel 1#
			CCCC + OK	Channel 2#
13		UNIVERSAL FIXED CODE 315MHz	CCCC + PIN	Channel 1#
			CCCC + OK	Channel 2#
14		UNIVERSAL FIXED CODE 330MHz	CCCC + PIN	Channel 1#
			CCCC + OK	Channel 2#
15		UNIVERSAL FIXED CODE 390MHz	CCCC + PIN	Channel 1#
			CCCC + OK	Channel 2#
16		UNIVERSAL FIXED CODE 318MHz	CCCC + PIN	Channel 1#
			CCCC + OK	Channel 2#

CLONE TRANSMIT

After finish cloned, the brand can work same as original brand.

Select the brand will be cloned, then press **CCCC + PIN** for clone channel 1# or **CCCC + OK** for channel 2#, the keypad work same as original remote.

CLONE TRANSMIT MODE

Item	DIP selection for brand	Brand	keypad Press Sequence	Work channel
1		FAAC 868MHz SLH	CCCC + PIN	Channel 1#
			CCCC + OK	Channel 2#
2		HORMAN MARANTEC FAAC 868MHz	CCCC + PIN	Channel 1#
			CCCC + OK	Channel 2#
3		UNIVERSAL FIXED CODE 433.92MHz	CCCC + PIN	Channel 1#
			CCCC + OK	Channel 2#
4		DITEC 433.92MHz	CCCC + PIN	Channel 1#
			CCCC + OK	Channel 2#
5		FAAC 433.92MHz SLH	CCCC + PIN	Channel 1#
			CCCC + OK	Channel 2#
6		CLEMSA 433.92MHz	CCCC + PIN	Channel 1#
			CCCC + OK	Channel 2#
7		MARANTEC 433.92MHz	CCCC + PIN	Channel 1#
			CCCC + OK	Channel 2#
8		UNIVERSAL ROLLING CODE 433.92MHz	CCCC + PIN	Channel 1#
			CCCC + OK	Channel 2#
9		V2 433.92MHz	CCCC + PIN	Channel 1#
			CCCC + OK	Channel 2#
10		V2 868MHz	CCCC + PIN	Channel 1#
			CCCC + OK	Channel 2#

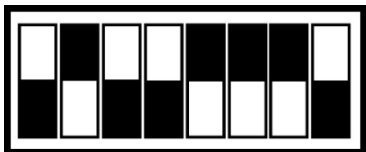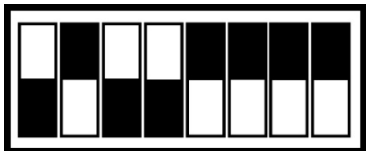| 11		UNIVERSAL FIXED CODE 306MHz	CCCC + PIN	Channel 1#
			CCCC + OK	Channel 2#
		UNIVERSAL FIXED CODE 310MHz	CCCC + PIN	Channel 1#
			CCCC + OK	Channel 2#
		UNIVERSAL FIXED CODE 315MHz	CCCC + PIN	Channel 1#
			CCCC + OK	Channel 2#
		UNIVERSAL FIXED CODE 330MHz	CCCC + PIN	Channel 1#
			CCCC + OK	Channel 2#
		UNIVERSAL FIXED CODE 390MHz	CCCC + PIN	Channel 1#
			CCCC + OK	Channel 2#
		UNIVERSAL FIXED CODE 318MHz	CCCC + PIN	Channel 1#
			CCCC + OK	Channel 2#