

ERF6B80HL User manual

1、 ID



2、 General Information

Remote	Model NO	ERF6B80HL
	Frequency	2402-2480MHz (±50Khz)
	Operating voltage	3V
	Working current	<40mA
	Operating ambient temperature	-10°C ~ +45°C
	Number of buttons	27key
	Colour upper part	Black
	Colour lower part	Black
	Colour battery part	Black
	Painting	No
	Backlight	No
	Logo	Hisense
	Certification	FCC、 IC
	Certification report No.	-
	Software version	ERF6B80HL_V1.03
	Software	NA
	Configuration And Test Flow	NA
	Weight of the remote(no battery)	Max 68g
	Size	195.5mm*44.9mm*14.8mm
	Manual / Issue date	No
Magnet	No	
Technology of key pad	Rubber + Metal dome	
Key press force	Rubber keys: 200±50g Circular navigation key: 230±50g	

3、 Remote Code

序号	按键名称	红外		蓝牙		备注
		系统码	键值	Usage page	Usage data	
1	power	0X04FB	08	0C	30	Power on/ Power off
2	input	0X04FB	0B	0C	18B	
3	Netflix	0X04FB	4C	0C	A9	App
4	YouTube	0X04FB	49	0C	AB	App
5	Prime Video	0X04FB	47	0C	D6	App
6	Disney+	0X04FB	CE	0C	FD	App
7	tubi	0X04FB	CD	0C	FE	App
8	Custom (FAV)	0X04FB	51	0C	2C	App
9	google assistant	0X04FB	1E	0C	221	Google MIC
10	Profile switch	0X04FB	E5	0C	229	App
11	Dashboard	0X04FB	E4	0C	9F	App
12	up	0X04FB	56	0C	42	D-PAD
13	down	0X04FB	57	0C	43	D-PAD
14	left	0X04FB	58	0C	44	D-PAD
15	right	0X04FB	59	0C	45	D-PAD
16	ok	0X04FB	5A	0C	41	D-PAD
17	back	0X04FB	04	0C	0224	
18	Guide	0X04FB	40	0C	8D	
19	Home	0X04FB	4A	0C	0223	Go to Home page
20	Vol+	0X04FB	02	07	80	Turn the volume up
21	Vol-	0X04FB	03	07	81	Turn the volume down
22	CH+	0X04FB	00	0C	9C	Switch to next
23	CH-	0X04FB	01	0C	9D	Switch to previous channel
24	mute	0X04FB	09	0C	E2	
25	Menu	0X04FB	43	0C	40	
26	playpad	0X04FB	6B	0C	CF	
27	numpad/colorpad	0X04FB	E2	0C	DA	
28	Low battery	0X04FB	69	0C	23	(无对应机械按键)
29	BLE pairing	0X04FB	44	—	—	(无对应机械按键)
30	OK+Back	0X04FB	C0	0C	EC	
31	down+back	0X04FB	E6	0C	111	

4、 Operation

pairing method

a) Automatic pairing:

a) Turn on the AC power of the TV, when the remote control has no pairing information, press any key (except the standby key and the voice key) on the remote control, the remote control needs to start sending the pairing broadcast packets defined by Hisense, and the broadcast packet sending time is 3 seconds; During the period when the device sends broadcast packets, the red indicator light flashes (on once per second, on for 500ms, off for 500ms), if the pairing is successful, the indicator (blue) flashes three times (on once per second, on for 500ms, off for 500ms); If pairing is unsuccessful, the indicator light returns to normal.

b) Manual pairing:

i. Turn on the AC power of the TV, press and hold the "Menu" button on the remote control for three seconds, and after sending the infrared "Bluetooth pairing" key value, the red indicator light flashes during the pairing process (once per second, on for 500ms, off for 500ms), If the pairing is successful, the indicator (blue) flashes three times (once per second, on for 500ms, off for 500ms); if the pairing fails, the indicator returns to normal.

c) Unpair

i. When pairing is performed again after successful pairing, the unpairing operation will be performed. After successful unpairing, the indicator lights (blue and red) flash three times (once per second, on for 500ms, off for 500ms);

General requirements for indicator lights:

a) In the unpaired and paired unconnected state, the button red light flashes;

b) In the paired state, the button blue light flashes.

Definition of combination keys such as test mode

a) Enter the production test mode: OK+Home+Volume decrease, OK+Home+Volume increase, OK+Home+CH+, OK+Home+CH-, OK+Home+Number 1; press different buttons to enter the test mode, the corresponding Bluetooth address is Different (each different Bluetooth address will correspond to a unique communication key), the corresponding Bluetooth address is (58-7E-61-00-0F-00, 58-7E-61-00-0F- 07).

b) Exit test mode method: After the remote control hardware is reset, or by pressing the "OK+Input" key at the same time or overtime for 2 minutes, the remote control can return to normal mode;

c) Press "OK+Home+Netflix" at the same time to enter the single-carrier transmission mode; after entering this mode, the red light is always on, and the center frequency point: 2442MHz;

d) By pressing the "OK+Power+Volume-" buttons at the same time, the remote control will enter the automatic aging mode; the blue light flashes, on for 500ms, and off for 500ms; through power-on reset or software reset, the remote control can exit the automatic aging mode .

FCC

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Note: 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.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

ISED Warning:

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s).

Operation is subject to the following two conditions:

- (1) This device may not cause interference.
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux

CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

- 1) L'appareil ne doit pas produire de brouillage;*
- 2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.*

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. *Cet émetteur ne doit pas être colocalisé ou fonctionner en conjonction avec une autre antenne ou un autre émetteur.*

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

Le matériel a été évalué pour répondre aux exigences générales d'exposition aux radiofréquences. Le dispositif peut être utilisé dans des conditions d'exposition portables illimitées.