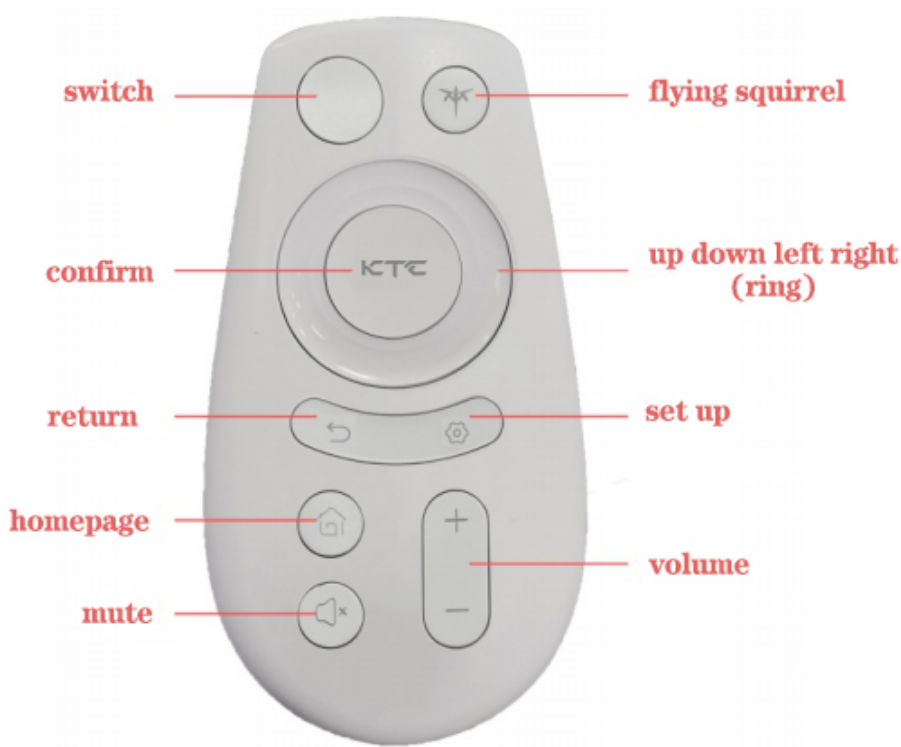


The remote controller of the honey machine is a basic accessory of the modern mobile screen. The remote controller plays an indispensable role in the Internet of the honey machine. During the use, you need to pay attention to some basic operations. The following is a detailed description of the use of the remote controller of the honey machine.

Introduction of key functions:



SN	Function	Key sequence	Usage Page (Hex)	Usage ID (Hex)	/
1	Mute	K1	0x0C	00E2	/
2	Switch	K2	0x07	0066	/
3	Volume+	K3	0x07	0080	/
4	Volume-	K4	0x07	0081	/
5	Homepage	K5	0x0C	0223	/
6	The Flying Hamster	K6	0x0C	0192	/
7	Menu	K7	0x07	0069	/
8	Return	K8	0x0C	0224	/
9	OK button	K9	0x07	0028	/
10	Upper	K10	0x07	0052	/
11	Lower	K11	0x07	0051	/
12	Left	K12	0x07	0050	/
13	Right	K13	0x07	004F	/
/	Bluetooth device name	KTC-001			
/	Bluetooth device ID and identification	VID=0x0B7A; PID=0x0018			

Electrical and other requirements:

SN	Project	Requirement	Explain
1	control mode	Bluetooth	Pure Bluetooth control mode
2	Battery	Battery NO.7*2	(1) Remote control does not require electromagnetic input for incoming materials (2) The current plan requires sufficient driving capability for Bluetooth and flying mouse functions
3	transport protocol	BLE	Standard Bluetooth Protocol
4	Bluetooth broadband	2400GHz-24835GHz	/
5	Bluetooth transmission distance	Above 15m	/
6	material	Compliant with ROHS&REACH	/
7	working voltage	2.2V-3.3V	DC3V(-20%+10%).
8	Working current	<30mA	Power supply voltage DC3V.
9	working power	≤100mW	Normal operation
10	static current	<10uA	Power supply voltage DC3V.
11	Wireless data rate	266kbps, 1Mbps	/
12	Transmission power	Not less than 0bdm	/
13	receiver sensitivity	Not less than -88bd	/
14	Key response time	<15ms	/
15	Automatic reconnection response time	<1s	/
16	Remote control usable time	Before desktop loading is complete	/
17	Remote control standby interval	Enter standby mode without operation for 60 seconds	/
18	Wireless compatibility	No matching failures occur, and each match is successful The rear function should be normal	Mismatch with the entire machine 100 times in the absence of interference source search state
19	Wireless link stability	The number of intermediate disconnections shall not exceed 5 times, each time lasting no more than 6 seconds	Link for 12 hours after matching with the machine
20	Performance Requirement	Mechanical, weather resistance, and storage environment for use	Control according to remote control manufacturer standards or industry standards

flying squirrel	support	Require the use of a six axis anti screw body sensor, and ensure low latency for flying mouse operation.
OTA	support	Request to complete the software upgrade of the remote control with the TV end. When the TV is started, check the remote control upgrade file. If there is an upgrade file, perform OTA upgrade. The LED indicator light will flash as a breathing light, and any buttons on the remote control will not work. After the upgrade is successful, the indicator light will stop flashing and the controller will be available normally. If OTA fails, it will be returned to the old version and used normally. The indicator light will stop flashing, and the upgrade will be checked again when the next power is turned on.
Bluetooth logic requirements	pair	Simultaneously press and hold the [Home] and [Return] keys on the remote control for about 3 seconds, and the work indicator light will flash, indicating that pairing mode has been entered. Open the host Bluetooth - click on the host Bluetooth - search for devices - connect to the "Bluetooth remote" device name and connect. Stopping flashing after a few seconds indicates successful pairing. If pairing is still not possible, it will flash twice after 30 seconds, turn off, and exit pairing mode.
	Back to Link	In the presence of pairing information, press any key to send the corresponding infrared code, and send it back to the broadcast for 5 seconds (POWER key and combination key do not send back to the broadcast). Keep the remote control and projector connected for at least 2 hours at a distance of 4 meters without any disconnection; Keep the remote control and projector connected for at least 1 hour at a distance of 6 meters without any disconnection
	Sleep and wake-up	When no button operation is detected, the remote control enters low-power power-saving mode, and pressing any key returns to normal mode,
Status indication requirements	Low Telegram, etc	When the battery voltage is below 2.4V, the light flashes for 3 seconds at 1Hz every time the user presses a button

Structure and other requirements

SN	Project	Requirement	Explain
1	material	Compliant with ROHS&REACH	/
2	Flame retardant grade	HB/HB75	/
3	Key type		/
4	Key stroke	0.5+0.1mm	*Measured based on the center of the button

5	hand feel	$\geq 35\%$	Test feedback curve (operating force • rebound force)/ (operating force)
6	Other requirements	/	/

FCC Statement

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

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

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.