



EPSON WH-55 Remote Controller Instruction Manual

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EPSON

WH-55 Remote Controller
Instruction Manual





Pantone 179C
Pantone 2173C
Pantone 7549C
Pantone 2257C



LOGO COLOR : PANTONE 1795
PANTONE BLACK

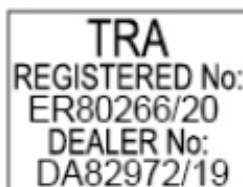


KEY COLOR : WHITE
LOGO COLOR : PANTONE 1795



APPS3 P/N:220940400

(size): 50*15mm
(Paste on the bag)








(size): 19*14.5mm


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WH-55 Remote Controller

N0.	Button		Features
1		POWER	Perform sleep/wake on the box
2		Mute	Turn off the sound
3		UP	Move focus/volume up +
4		DOWN	Move focus/volume down
5		LEFT	Move focus to / left / rewind / switch to previous channel
6		RIGHT	Move focus / fast forward / switch to the next channel
7		ENTER	Enter the currently selected focus page/pause play/execute button prompt command
8		BACK	Return to the previous or previous page
9		home	home
10		VOICE	(It works only after Bluetooth pairing is connected)
11		VOL+	Increase the volume (global applies, this button has only one operation)
12		VOL-	Decrease the volume (global applies, this button has only one operation)
13		apps	

14		menu	
15		youtube	
16		input	input
17		keystone	
18		backward	Show rewind
19		play	Program play pause

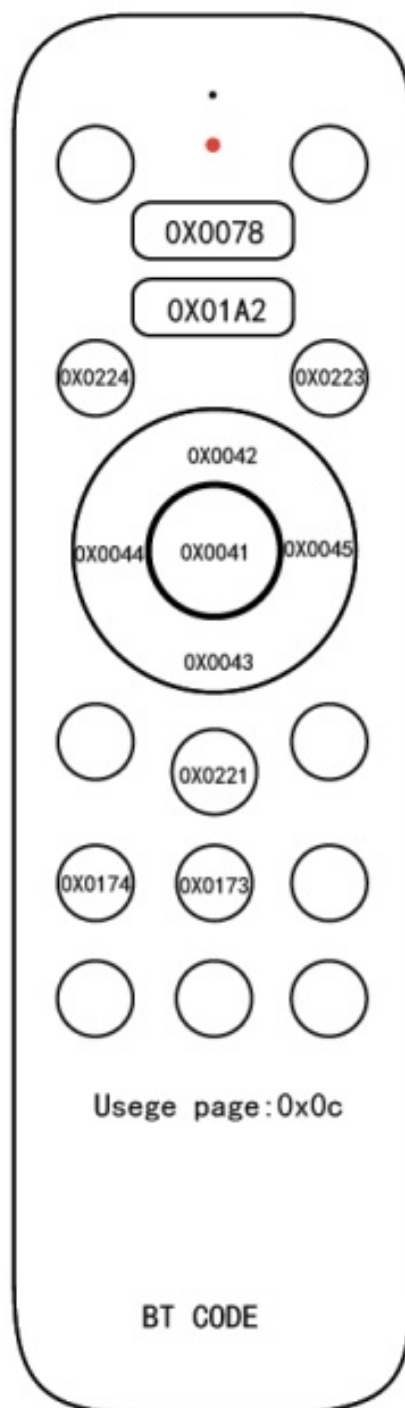
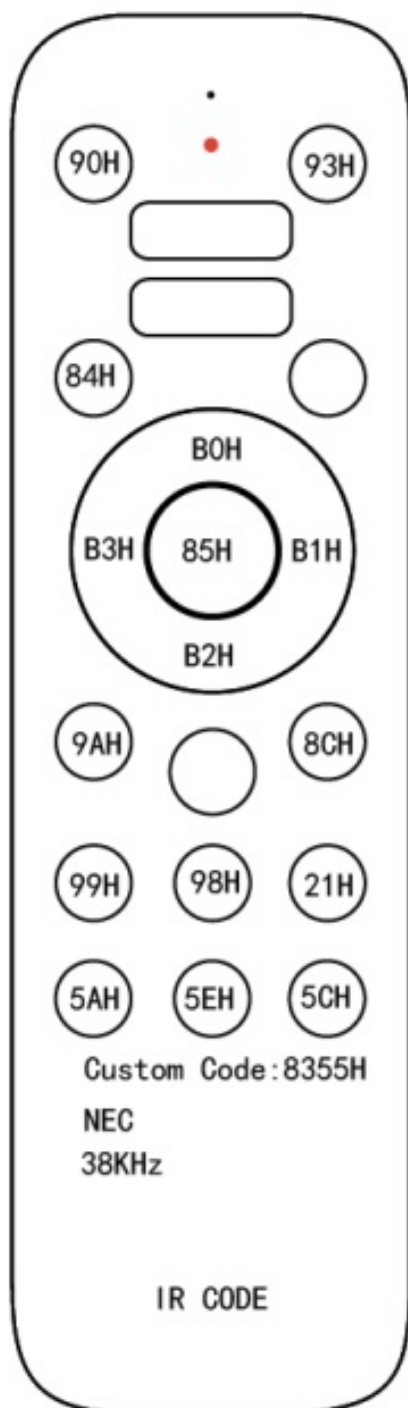
20		forward	Fast forward to the show
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1. Remote control key value

System code 0x8355

Code format NEC 6121F

Key code value:





	A	B	C
1	Power ON/OFF		A/V Mute
2		Youtube	
3		APPS	
4	Esc		Home
5		Up	
6	Left	Enter	Right
7		Down	
8	Menu	Voice	Input
9	Volume-	Volume+	Keystone
10	Backward	Play	Forward

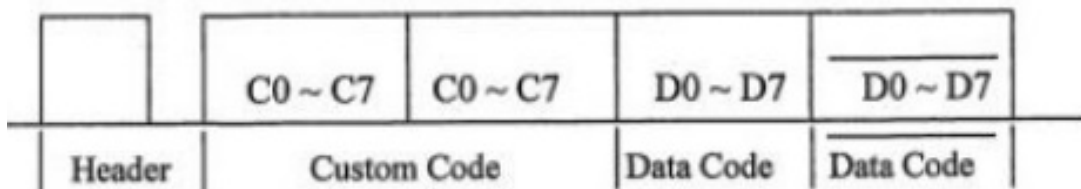
	IR
	BT
	IR & BT

Note: IR always sends infrared, BT sends Bluetooth in Bluetooth state, IR&BT works simultaneously in Bluetooth state under Bluetooth

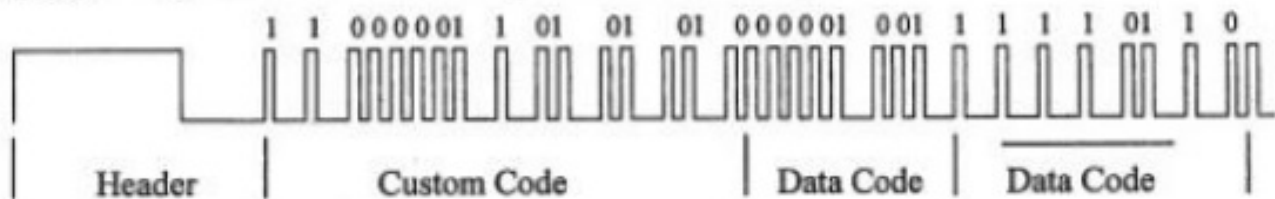
Infrared control

Format

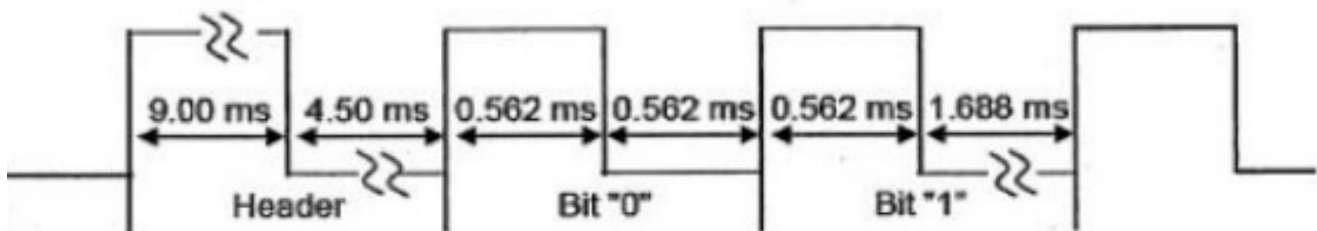
NEC format



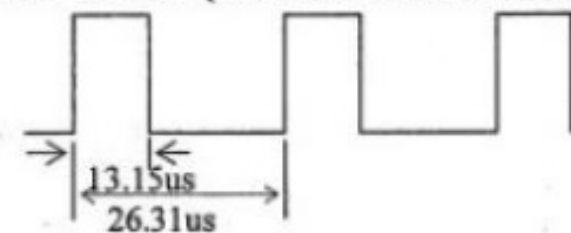
(eg.) ☺ (Custom Code:8355H, Data Code:90H)



2. Theory (tolerance of time:Less than $\pm 3\%$)



3. Carrier (tolerance of time:Less than $\pm 3\%$)



$f_c = 38\text{kHz}$
1/2 duty

4. Cycle (tolerance of time:Less than $\pm 0.5\text{ms}$)



Remote control instructions

1. Special requirements for remote control

- When Bluetooth is connected, the remote control sends the Bluetooth key value; if Bluetooth is not connected, the infrared key value is sent.
- Indicator light: red, each time the button is pressed, the indicator light flashes Low voltage reminder: When the battery is low, the indicator light flashes quickly. As long as it is still in operation, it will remain in the flashing state. When it is no longer operated by the remote controller, it will flash 5 times or flash 3 seconds, then stop

and go out.

3. Support Bluetooth remote control online upgrade, and trigger upgrade through HOST.

a. "Enter"+"home"

b. "Enter"+"home"

c. "Enter"+"home"

4. Pairing method:

a. Simultaneously press "Enter" + "home" on the remote control for three seconds to send the code information;

b. If the pairing is not successful, if you still press the "Enter" + "home" button, the pairing broadcast will be sent all the time so that the user can pair.

c. Press the "Enter" + "home" button once to match successfully. Do not clear the pairing and then pair again.

After a key pairing is successful, the pairing broadcast can no longer be sent until the next time the button is pressed. 12ms Connection interval 12ms 510m

5. Remote control distance: 10m

6. Bluetooth device name:

7. When the button has 2 or more buttons (except the pairing button), the remote control stops working when pressed and resumes when the button is released.

8. When the button is pressed for more than 30S, the remote control automatically stops working and then resumes work after release.

9. After "Back"+"Right" is pressed for 500ms, the infrared key value "B9H" is sent until it is pressed. If any button is released or it is completely released, "B9H" will be stopped.

10. bug 10)Support "Enter" + "back" to upload bug report function

11. "back" + "down" to open the Accessory page 2.

1) Pairing function requirements: there must be no problems that the Bluetooth device cannot be scanned or paired (including continuous pressing of the pairing key within a short period of time), please verify 50 times to ensure that there is no problem;

2)Reconnection function requirements: there must be no problems with the connection failure, including the box power failure and the connection, the remote control power failure and the connection, standing for 2 hours to reconnect, etc., please verify 50 times to ensure that there is no problem;

3) Anti-interference function requirements: there must be no problems that greatly affect the host's WIFI throughput, please ensure that the host's WIFI throughput is normal when connecting the remote control;

4). Performance requirements: It is required to support 10m, and there must be no voice call jams, loss, and remote control button jams, missing codes, or continuous keys;

5). Power consumption requirements: the remote control can be used continuously for at least 6 months

6)Voice: 16Khz voice sample with 16-bit sampling, short press the voice button (color button) to start recording, and the remote control will stop recording after receiving the stop recording command from the voice engine. The voice timeout is protected for the 30s, and the recording is forced to exit.

7). The box software can control the opening and closing of the MIC.

8). Support the remote control MIC and other MIC (such as the recording key on the phone apk) to alternate and switch voice input.

FCC Warning

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.

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

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 requirements. The device can be used in portable exposure conditions without restriction.

IC Warning

This device complies with Industry Canada's license-exempt RSS. Operation is subject to the following two conditions: (1) This device may not cause interference; and (2) This device must accept any interference, including interference that may cause undesired operation of the device.

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

Documents / Resources

	<p>EPSON WH-55 Remote Controller [pdf] Instruction Manual AE-WH55B, AEWH55B, BKMAE-WH55B, BKMAEWH55B, WH-55 Remote Controller, WH-55, Remote Controller</p>
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