

makemate
BKM200 - DESIGNED FOR TV / PC WATCHING



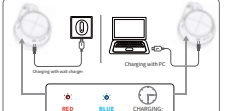
QR code of Installation Video
(You can scan with camera or others app)

USER GUIDE
AFTER-SALES MAIL: dlics@outlook.com

2. Charging

Headphone is charging via USB cable, when finished, LED indicator light will be changed from **red** (Long bright) to **blue** (Long bright).

- Charging time: when charge it for the first time, it should be more than 4 hours and less than 8 hours, to activate the best use of the battery, and after that, each charging only needs 2-3 hours.
- Low battery: flashing a **red light** once from each 5 seconds, alarming once for each 5 minutes and accompanied by a "Battery Low" voice prompt.
- Please disconnect the USB cable when the headset is fully charged, since overcharge will shorten the battery life.

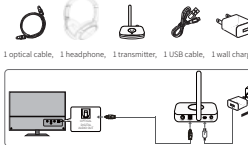


NOTE: Please fully charge it to reach maximum usage time.

4. Connection and Use

4.1 Following Hookup: A

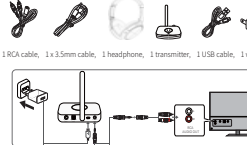
You need:
1 optical cable, 1 headphone, 1 transmitter, 1 USB cable, 1 wall charger



You need to setup after hookup:
1. Get to wall charger and Power on
Get power to the transmitter with a wall charger, then turn on the headset (press 3 seconds).
Note: Please don't get power to it with USB cable directly, may cause noise sound when using to watch TV.

4.2 Following Hookup: B

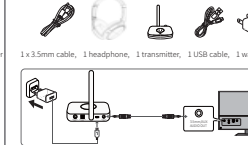
You need:
1 RCA cable, 1 3.5mm cable, 1 headphone, 1 transmitter, 1 USB cable, 1 wall charger



You need to setup after hookup:
1. Get to wall charger and Power on
Get power to the transmitter with a wall charger, then turn on the headset (press 3 seconds).
Note: Please don't get power to it with USB cable directly, may cause noise sound when using to watch TV.

4.3 Following Hookup: C

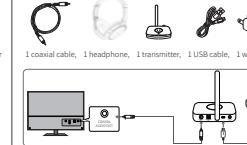
You need:
1 3.5mm cable, 1 headphone, 1 transmitter, 1 USB cable, 1 wall charger



You need to setup after hookup:
1. Get to wall charger and Power on
Get power to the transmitter with a wall charger, then turn on the headset (press 3 seconds).
Note: Please don't get power to it with USB cable directly, may cause noise sound when using to watch TV.

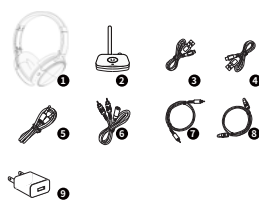
4.4 Following Hookup: D

You need:
1 coaxial cable, 1 headphone, 1 transmitter, 1 USB cable, 1 wall charger



You need to setup after hookup:
1. Get to wall charger and Power on
Get power to the transmitter with a wall charger, then turn on the headset (press 3 seconds).
Note: Please don't get power to it with USB cable directly, may cause noise sound when using to watch TV.

1. Included Items



- 1x Bluetooth Headphone
- 1x Bluetooth Transmitter
- 1x USB Type-C cable
- 1x 3.5mm-3.5mm audio cable
- 1x RCA audio cable
- 1x Coaxial cable
- 1x Optical Digital cable
- 1x Charger

3. Check your Device's Output Ports

Jack Options	Optical Output	RCA(Red/White) AUDIO OUT	AUX(3.5mm)	Coaxial Output	Other RCA jacks
Native Support	✓	✓	✓	✓	✗
Please refer to Point:	Hookup A	Hookup B	Hookup C	Hookup D	N/A

2. Auto connect

Wait several seconds, blue light on the transmitter stays solid and a slow blue light on the headset. They are paired.

3. Play

Turn on TV and play sound, enjoy it.

4. If not paired

One: Please double click the pair button on the transmitter. Normally, it will pair successfully.
Two: If still not paired, please make sure other Bluetooth devices nearby are turned off, then turn off the headphone wait 3 seconds, turn it on, do the upper steps from 1-3 again.

If TV doesn't output sound, please adjust your TV setting, refer to "5. TV SETTING"

NOTE: If you still cannot receive audio on the headphones while at the same time hearing audio from the television speakers, please connect the transmitter to Cable Box / Satellite Box.

2. Auto connect

Wait several seconds, blue light on the transmitter stays solid and a slow blue light on the headset. They are paired.

3. Play

Turn on TV and play sound, enjoy it.

4. If not paired

One: Please double click the pair button on the transmitter. Normally, it will pair successfully.
Two: If still not paired, please make sure other Bluetooth devices nearby are turned off, then turn off the headphone wait 3 seconds, turn it on, do the upper steps from 1-3 again.

If TV doesn't output sound, please adjust your TV setting, refer to "5. TV SETTING"

NOTE: If you still cannot receive audio on the headphones while at the same time hearing audio from the television speakers, please connect the transmitter to Cable Box / Satellite Box.

2. Auto connect

Wait several seconds, blue light on the transmitter stays solid and a slow blue light on the headset. They are paired.

3. Play

Turn on TV and play sound, enjoy it.

4. If not paired

One: Please double click the pair button on the transmitter. Normally, it will pair successfully.
Two: If still not paired, please make sure other Bluetooth devices nearby are turned off, then turn off the headphone wait 3 seconds, turn it on, do the upper steps from 1-3 again.

If TV doesn't output sound, please adjust your TV setting, refer to "5. TV SETTING"

NOTE: If you still cannot receive audio on the headphones while at the same time hearing audio from the television speakers, please connect the transmitter to Cable Box / Satellite Box.

2. Auto connect

Wait several seconds, blue light on the transmitter stays solid and a slow blue light on the headset. They are paired.

3. Play

Turn on TV and play sound, enjoy it.

4. If not paired

One: Please double click the pair button on the transmitter. Normally, it will pair successfully.
Two: If still not paired, please make sure other Bluetooth devices nearby are turned off, then turn off the headphone wait 3 seconds, turn it on, do the upper steps from 1-3 again.

If TV doesn't output sound, please adjust your TV setting, refer to "5. TV SETTING"

NOTE: If you still cannot receive audio on the headphones while at the same time hearing audio from the television speakers, please connect the transmitter to Cable Box / Satellite Box.

5. TV Setting

NOTE: Other TVs are similar to the settings. Or contact your TV manufacturer for more details.

SONY TV:

Headphones or speakers have sound at the same time. Press TV or remote control.

Options: Headphones/Audio Out (3.5, RCA, Optical) or TV Speakers (Sound of amplifier, etc.)

Options: Speakers or Audio System (TV and headphones have sound at the same time) or Headphones (Headphones have sound)

LG TV:

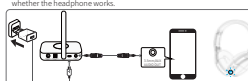

Output setting 1: Press smart by remote control or setting.

Sound Out: TV Speaker, LG Sound Sync (Optical), LG Sound Sync (Wireless), External Speaker (Optical/HDMI ARC), Headphone (3.5, RCA, Optical), Digital Sound Out (eARC), (Fiber/Optical output)

3.5, RCA Optical (TV and headphone have sound at the same time)

6. If doesn't Work with optical connection, Please try below:

- connect the transmitter to your phone with 3.5mm aux cable, make sure whether the headphone works.
- Make sure the blue light on the transmitter is on.
- The plastic caps need to be removed.

8. Technical Specifications

Problem	Possible cause	Possible solutions
Sound only on one ear	Headphones are paired with other Bluetooth devices in your house (including mobile phone, iPad, Bluetooth speaker, etc.)	Before connecting the Bluetooth with the transmitter, turn off other Bluetooth devices. Pair the headphones with the transmitter again.
No sound	Power off. Before watching TV of the headset and your phone are connected, headset don't pair with the transmitter. Audio plug is not correctly connected. Audio source is switched off. Volume of the analog audio source is either set to the minimum or is too small. Audio cable is defective. Wrong audio input is selected. Digital audio connection uses incompatible data transmission protocol. Headset is not fully charged.	Check the power status of headset and the transmitter. When the red light flashes, indicating the battery is low, and needs to be charged. Check the audio plug connection. Switch the audio source on. Increase the volume on the audio source to at least a medium level / Describe the pairing function from the audio source. Replace the audio cable. Select the other AUDIO OUT. Set the digital audio output of your device to "PCM" on TV or "Dolby" in DFF. Charge the headset.
Headset cannot be activated	Headset is not fully charged.	Charge the headset.

9. Technical Specifications

BKM200 Headphones Specification

Model	BKM200
Frequency	20Hz-20KHz
Impedance	32Ω
Power	100mW
Weight	15g
Material	ABS
Color	Black
Package Content	1 x Headset, 1 x Transmitter, 1 x USB Type-C Cable, 1 x 3.5mm-3.5mm Audio Cable, 1 x RCA Audio Cable, 1 x Coaxial Cable, 1 x Optical Cable, 1 x User Manual

Transmitter Specification

Model	BKM200
Frequency	2.4GHz
Power	100mW
Weight	15g
Material	ABS
Color	Black
Package Content	1 x Transmitter, 1 x USB Type-C Cable, 1 x 3.5mm-3.5mm Audio Cable, 1 x RCA Audio Cable, 1 x Coaxial Cable, 1 x Optical Cable, 1 x User Manual

10. LED Indicator

BKM200 Headphones LED Indicator

Power on	LED Indicator
Power on	Blue light
Pairing	Red light long flash for 1 second
Ready state (with Bluetooth connected)	Red and blue light flashing alternately
Ready state (with Bluetooth disconnected)	Red and blue light flashing alternately
Charging completed	Blue light long flash
Power is low	Red light flash 1 time / 1 second, then power off 1 time / 5 seconds, accompanied by "Battery Low" voice prompt.
Phone shows	Battery status of the Bluetooth headset

FCC ID: 24HTV-BKM200

15.19 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.*

SAMSUNG TV:

connecting fiberoptical method: Press TV or remote control.

Options: Headphones/Audio Out (3.5, RCA, Optical) or TV Speakers (Sound of amplifier, etc.)

Options: Speakers or Audio System (TV and headphones have sound at the same time) or Headphones (Headphones have sound)

LG TV:

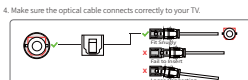
Output setting 2: Press smart by remote control or setting.

Sound Out: TV Speaker, LG Sound Sync (Optical), LG Sound Sync (Wireless), External Speaker (Optical/HDMI ARC), Headphone (3.5, RCA, Optical), Digital Sound Out (eARC), (Fiber/Optical output)

3.5, RCA Optical (TV and headphone have sound at the same time)

7. Release Headphones Pressure


4. Make sure the optical cable connects correctly to your TV.




NOTE: Do not insert reversely, otherwise get static or no sound.

5. Do not tie it up and fold it into 90 degrees, since Optical cable is made of glass and plastic.

6. Ensure your TV audio format is set to "PCM/LPCM" and TV audio OUT setting to "External Speakers".



If too tight on your head, the headset strap which is made of stainless steel can be straightened to relieve pressure.



8. Technical Specifications

Problem	Possible cause	Possible solutions
Noise sound	Power the transmitter without charge, which causes electric current too small to fully drive the transmitter. Connection is interrupted due to the distance being too far (over 30 CM / 120 CM).	Power the transmitter with a charger, don't charge with USB cable directly. Possible click the transmitter power button in 5-m, 1-m, 1-m, first paired, double click again. If the headphones has noise, start the TV again.
Sound dropouts/ disappear	Connection is interrupted due to the distance being too far (over 30 CM / 120 CM).	Reduce the distance between the transmitter and headphones. Turn off other Bluetooth devices.
Sound is too low	Headphone volume is adjusted too low. Volume of the audio source is adjusted too low. From 3.5mm port or RCA port may release not enough volume in digital TV.	Increase the volume on the headphones. Increase the volume on the audio source to at least a medium level / Describe the pairing function from the audio source. Turn on the TV volume or try optical connection.
Head echoes and TV noise when using headphone	Some TVs can adjust a delay or latency of the audio signal for the digital audio output.	Check the audio output settings of your TV and set the latency to "TV".
Can't hear Netflix or Hulu	Don't open a movie in Netflix with the wrong running just tv audio with remote, though the TV format to PCM. Make sure the Netflix firstly, if use Roku for Netflix, just Roku format to PCM. Make sure the Roku firstly, if use Roku for Netflix, just Roku format to PCM. Make sure the Roku firstly, if use Roku for Netflix, just Roku format to PCM.	Don't open a movie in Netflix with the wrong running just tv audio with remote, though the TV format to PCM. Make sure the Netflix firstly, if use Roku for Netflix, just Roku format to PCM. Make sure the Roku firstly, if use Roku for Netflix, just Roku format to PCM.

9. Technical Specifications

BKM200 Headphones Specification

Model	BKM200
Frequency	20Hz-20KHz
Impedance	32Ω
Power	100mW
Weight	15g
Material	ABS
Color	Black
Package Content	1 x Headset, 1 x Transmitter, 1 x USB Type-C Cable, 1 x 3.5mm-3.5mm Audio Cable, 1 x RCA Audio Cable, 1 x Coaxial Cable, 1 x Optical Cable, 1 x User Manual

Transmitter Specification


Model	BKM200
Frequency	2.4GHz
Power	100mW
Weight	15g
Material	ABS
Color	Black
Package Content	1 x Transmitter, 1 x USB Type-C Cable, 1 x 3.5mm-3.5mm Audio Cable, 1 x RCA Audio Cable, 1 x Coaxial Cable, 1 x Optical Cable, 1 x User Manual

11. 1 Year Full Warranty

If the product fails to work, it will be replaced at no fee. Please e-mail us: dlics@outlook.com. We will reply you within 1 working days.

12. BKM200 YouTube Video

Subscribe to [makemate BKM200 TV Headphones Setup and Troubleshooting 2020](https://www.youtube.com/channel/UC...)



NOTE: This equipment has been tested and found to comply with the limits for 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 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 of the following measures:
-Reorient or relocate the receiving antenna.
-Increase the separation between the equipment and receiver.
-Connect the equipment to a power outlet on a circuit different from that to which the receiver is connected.
-Consult the dealer or an experienced radio/TV technician for help.
Changes or modifications not expressly approved by the party responsible for compliance could void the user's warranty for this equipment.