



BY-WFM12
Sistem Mikrofon Nirkabel VHF

Panduan

Terima kasih telah memilih BOYA!

BOYA BY-WFM12 adalah sistem mikrofon nirkabel VHF dengan 12 channel, cocok digunakan dengan smartphone, tablet, DSLR, camcorder, perekam audio, komputer, dll.

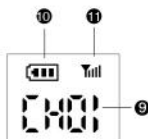
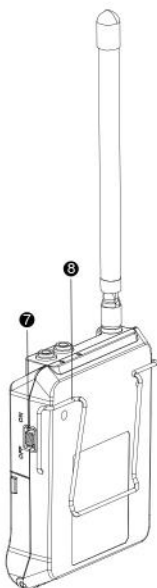
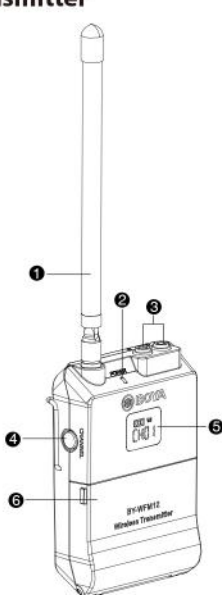
Transmitter BY-WFM12 memiliki dua lubang mikrofon untuk menggunakan dua mikrofon sekaligus, cocok untuk interview, pembuatan film, presentasi bisnis, dan kegiatan lainnya.

Receiver dan Transmitter BY-WFM12 ringan dan mudah digunakan, cocok digunakan siapa pun untuk menghasilkan suara yang jernih dan berkualitas. Jarak antara transmitter dan receiver dapat mencapai 50m bila tidak ada penghalang.

Isi dalam Paket:

- One BY-WFM12 transmitter
- One BY-WFM12 receiver
- One 3.5mm to TRS audio output cable
- One 3.5mm to TRRS audio output cable
- One omnidirectional lavalier microphone
- One foam windscreen
- One microphone holder clip
- Two belt clips
- One cold shoe mount adapter
- Carrying case
- User manual

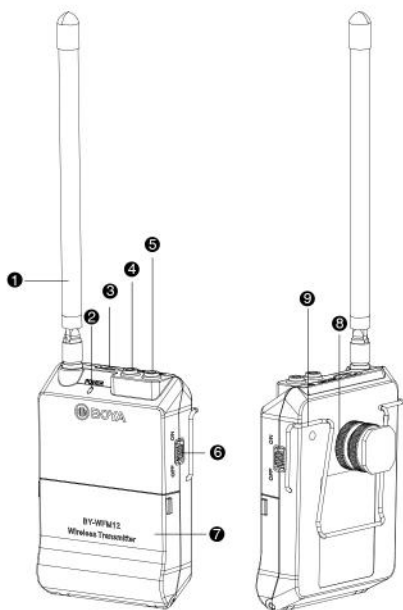
Transmitter



- 1. Antenna
- 2. Power Indicator
- 3. Microphone Input Jack
- 4. Channel Selector Bottom
- 5. LCD Screen
- 6. Battery Compartment
- 7. Power Switch
- 8. Belt Clip

- 9. Channel indication
- 10. Battery indication
- 11. Signal indication

Receiver



- 1. Antenna
- 2. Power Indicator
- 3. Volume Control Wheel
- 4. Line Out Jack

5. Monitor Connector (3.5mm diameter stereo mini jack)

- To monitor the receiver output, connect the headphones to this connector.



NOTE

Do not connect headphone with a monaural mini jack. This may lead to short-circuiting of the headphone output, resulting in distorted sound output.

6. Power Switch

7. Battery Compartment

8. Cold Shoe Mount Adapter

9. Belt Clip

Perbedaan Kabel-kabel

1) 3.5 mm TRRS connector

- For smartphone, tablet or Mac



2) 3.5 mm TRS connector

- For camera, camcorder, audio recorder and other audio/video recording devices.



Indikator Lampu dan Baterai

The transmitter and the receiver connects.	Transmitter	LED Indicator Stays blue
	Receiver	LED Indicator Stays blue
The transmitter and the receiver disconnects.	Transmitter	LED Indicator Stays blue
	Receiver	LED Indicator Blinking blue
Receiver	Low battery	LED Indicator Stays red
Transmitter	Low battery	Battery icon on screen is empty and blinking.

Cara Pemasangan

1. Install antenna

Screw antenna completely and rotated it accordingly as per sound requirement.



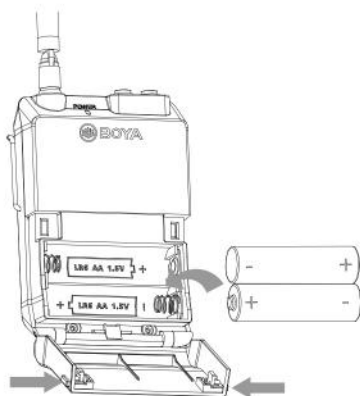
NOTE

- Please try to keep two antennas be parallel for best sound.
- Please do not touch the antenna during recording.

2. Install battery

The transmitter and the receiver are each powered by two AA batteries.

- Push the two catches in the direction of the arrows and open the battery compartment cover.
- Insert two batteries in right polarity as shown.
- Close the battery compartment cover.



NOTE

- 1) When battery is low, you will need to change the batteries immediately.
- 2) When not using the components for a long period of time, remove the batteries to avoid leakage.

3. Screw the shoe mount adapter to receiver

4. Connecting the transmitter and receiver


Menggunakan mikrofon dengan smartphone, tablet, atau Mac

Transmitter

1. If you need to shot two different subjects, please insert two microphones into transmitter "🎤".

2. Slider the power ON/OFF switch to ON position (the LED indicator will light in blue).
3. The belt clip on the back of the unit clips the transmitter onto a belt, or the transmitter simply can be put into a pocket.

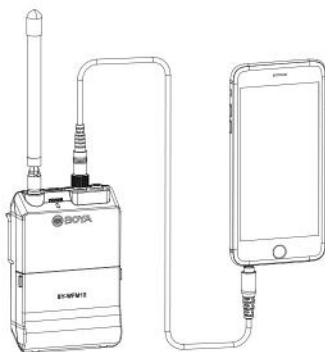
Receiver

1. Mount receiver to smartphone, tablet or Mac.
2. Using TRRS cable, insert the locked plug of the connecting cable into the receiver "LINE OUT" jack.
3. Plug the other connector into the audio jack of your smartphone.
4. Insert earphone into receiver "  " for monitoring sound.
5. Slider the power ON/OFF switch to ON position (the LED indicator will light in blue)



NOTE

Please do not mix up plug, for details, please refer to " What's difference" on page 4.



Menghubungkan Transmitter dan Receiver

Before leaving factory, the connection of both of transmitter and receiver is established.

However, If the selected channel is noisy, please follow below steps:

- 1) Press "CHANNEL" bottom of transmitter, the LED screen shows CH number.
- 2) The receiver will connect with transmitter automatically.
- 3) Choose channels until you could get a very clear sound.

If you lose or damage transmitter or receiver, and need to re-connect them, please follow below steps:

- 1) Turn the Power ON/OFF switch of transmitter to the ON position.
- 2) Long press "CHANNEL" bottom of transmitter till the screen is flashing.
- 3) Turn the Power ON/OFF switch of receiver to the ON position.
- 4) Wait for about 3-5 seconds till the light of receiver is off
- 5) Short press "CHANNEL" bottom of transmitter.

If the LED indicator of both transmitter and receiver stay blue, the system connects.

Otherwise, try 1-5 steps again.

Memakai mikrofon dengan kamera, camcorder, perekam suara, dan alat lain

Transmitter

For how to setup transmitter, please refer to "Transmitter" section on page 6.

Receiver

1. Mount receiver to camera, camcorder, audio recorder and other audio/video recording devices.
2. Using TRS cable, insert the other end of the connecting cable into the receiver "LINE OUT" jack.
3. Plug the 3.5 mm connector into the audio jack of your camera.
4. Insert earphone into receiver "🎧" for monitoring sound.
5. Slider the power ON/OFF switch to ON position (the LED indicator will light in blue).



NOTE

Please do not mix up plug, for details, please refer to "What's difference" on page 4.



Fitur:

- Compatible for Smartphone, Tablet, DSLR, Camcorder, Audio Recorder, PC etc.
- High-band VHF operation for superior sound
- 12 switchable channels to keep you free from interference
- Detachable and flexible antenna with rotating 360° function
- Two MIC jacks for transmitter
- Automatically matched for receiver
- Volume control wheel
- Real-time monitoring
- Operation range up to 40m (131ft) away without obstacles
- Compact and easy-to-use
- Powered by two AA size alkaline batteries for both receiver and transmitter

Frekuensi Kerja

CH-1	CH-2	CH-3	CH-4	CH-5	CH-6
204.0MHz	205.0MHz	206.0MHz	207.0MHz	208.0MHz	209.0MHz
CH-7	CH-8	CH-9	CH-10	CH-11	CH-12
210.0MHz	211.0MHz	212.0MHz	213.0MHz	214.0MHz	215.0MHz

Spesifikasi

System

Operating Frequencies: 204-215MHz

Modulation Frequency: DQPSK

Channels: 12

Transmitter

Modulation Sensitivity: 6 mV input for full deviation

Battery: LR6/AA size alkaline battery (not included)

Current Consumption: 160 mA

Dimensions 102 x 62.0 x 44.7 mm (4.0" x 2.4" x 1.8")

Antenna Length: 142mm(5.6")

Weight: 80 g (2.8 oz) without battery

Receiver

Reception Sensitivity: 2 μ V for 30 dB S/N

Output Connector: 3.5 mm (1/8") TRS

Battery: LR6/AA size alkaline battery (not included)

Current Consumption: 140 mA

Dimensions 102 x 62.0 x 44.7 mm (4.0" x 2.4" x 1.8")

Antenna Length: 142mm(5.6")

Weight: 80 g (2.8 oz) without battery

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