Microphone

MIC-F-RXDi

User Manual
用户手册

Statement

Please read this manual carefully before use and operate and store in strict accordance with the instructions provided. Please retain for future reference.

Introduction

The MIC-F is an ultracompact and portable 2.4GHz wireless microphone system, delivering exceptional, high-quality sound.

The system series is comprised of three different receivers. The MIC-F-RXDi receiver features a MFi certified Lightning output, designed for Apple iOS devices. The MIC-F-RXUC receiver features a USB-C output, allowing it to work with Android phones, tablets and other devices with a USB-C port. The MIC-F-RX35 receiver features a 3.5mm TRRS plug, compatible with smartphones, tablets, and more. With the supplied TRS adapter, it can also be used with DSLRs, camcorders, etc.

The MIC-F-TX clip-on transmitter has a high-quality built-in mic. It is small and light enough to clip to shirts and clothing. With gain and mute controls, you are in total control of your sound.

The MIC-F provides a great solution for live streaming, vlogging, mobile journalism, and more.

Features

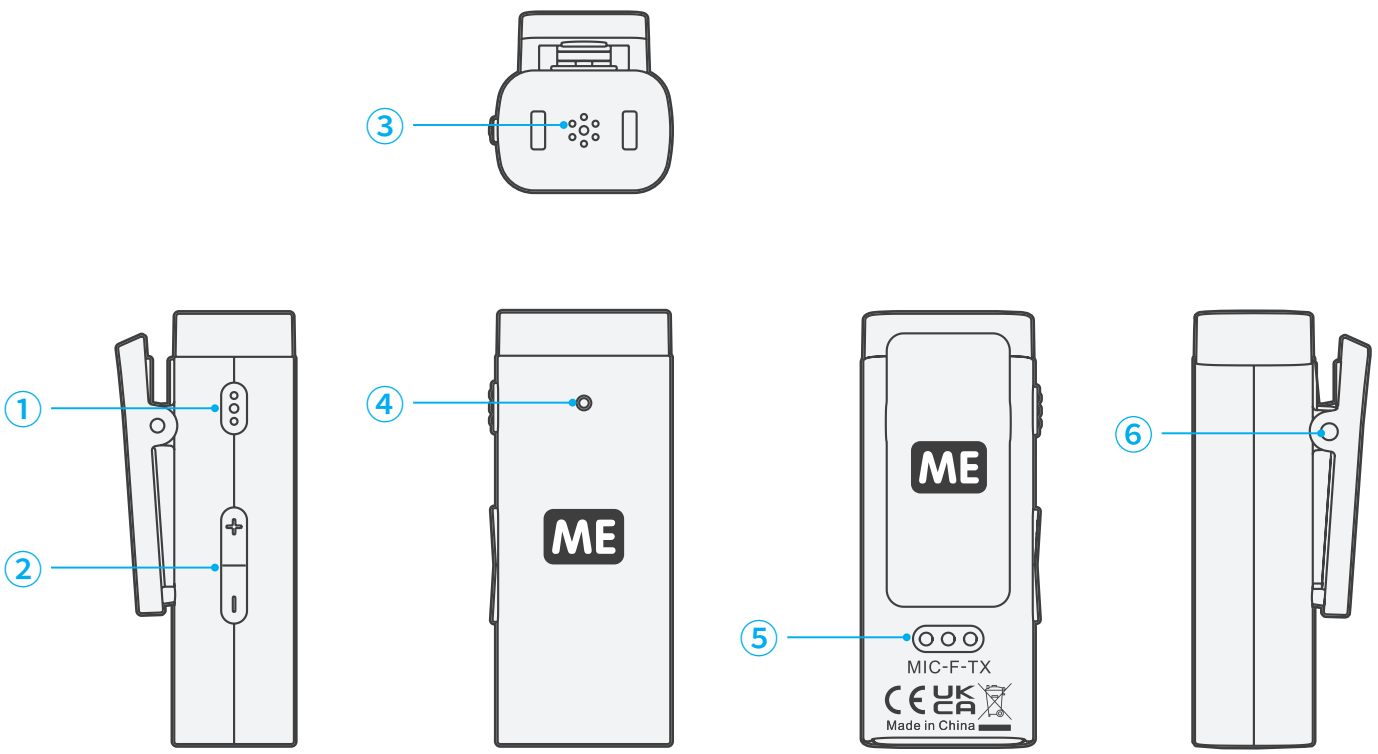
- 2.4GHz wireless transmission technology
- Ideal for live streaming, Vlogging, mobile journalism, and more
- Delivers exceptional, high-quality sound
- Portable charging case for easy charging
- Operating range of up to 30m
- Mute function & gain control
- Ultracompact and easy to carry

Available Kits

Model	In the box
MIC-F1	1 × MIC-F-TX 1 × MIC-F-RXDi
MIC-F2	1 × MIC-F-TX 1 × MIC-F-RXUC
MIC-F3	1 × MIC-F-TX 1 × MIC-F-RX35

Product Structure

MIC-F-TX: Ultracompact Clip-on Transmitter



① Power/Mute/Pair Button

Function	Operation
Power ON/OFF	Press and hold for 3 seconds
Mute ON/OFF	Short press
Enable Pairing Mode	Double click

② +/-Button

Adjusts gain for microphone level input.

If the maximum/minimum level is reached, the indicator will blink blue four times.

The setting is retained even after the unit is powered off.

③ Built-in Microphone

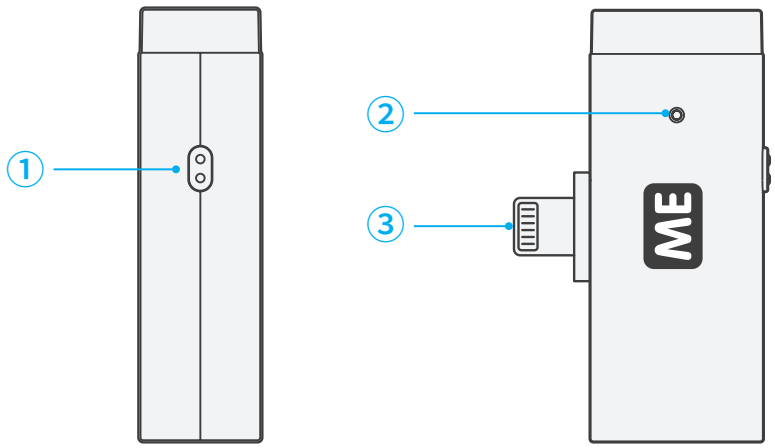
④ Status Indicator

Mode	Indicator
Unpaired	Slowly flashing blue light
Pairing	Quickly flashing blue light
Paired Successfully	Solid blue light
Mute ON	Slowly flashing red light
Low Battery	Quickly flashing red light
Charging	Solid red light
Fully Charged	Light off

⑤ Charging Contacts

⑥ Belt Clip

MIC-F-RXDi: Ultracompact Receiver with Lightning Connector



① Pair Button

Double-click the button to enter pairing mode.

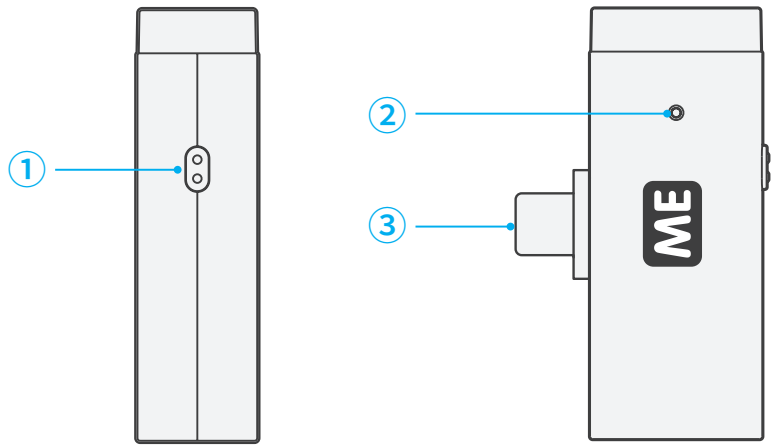
② Status Indicator

Mode	Indicator
Unpaired	Slowly flashing blue light
Pairing	Quickly flashing blue light
Paired Successfully	Solid blue light

③ Lightning Connector

It can be connected to an iOS device.

MIC-F-RXUC: Ultracompact Receiver with USB-C Connector



① Pair Button

Double-click the button to enter pairing mode.

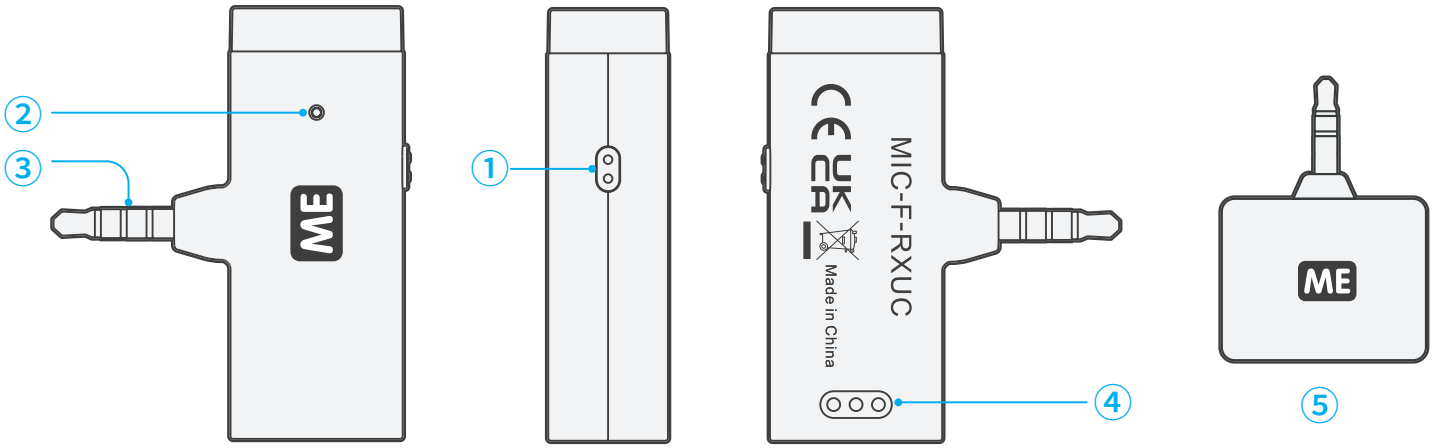
② Status Indicator

Mode	Indicator
Unpaired	Slowly flashing blue light
Pairing	Quickly flashing blue light
Paired Successfully	Solid blue light

③ USB-C Connector

It can be connected to an Android phone, tablet or other USB-C devices.

MIC-F-RX35: Ultracompact Receiver with 3.5mm TRRS Connector



① Power/Mute/Pair Button

Function	Operation
Power ON/OFF	Press and hold for 3 seconds
Mute ON/OFF	Short press
Enable Pairing Mode	Double click

② Status Indicator

Mode	Indicator
Unpaired	Slowly flashing blue light
Pairing	Quickly flashing blue light
Paired Successfully	Solid blue light
Mute ON	Slowly flashing red light
Low Battery	Quickly flashing red light
Charging	Solid red light
Fully Charged	Light off

③ 3.5mm TRRS Connector

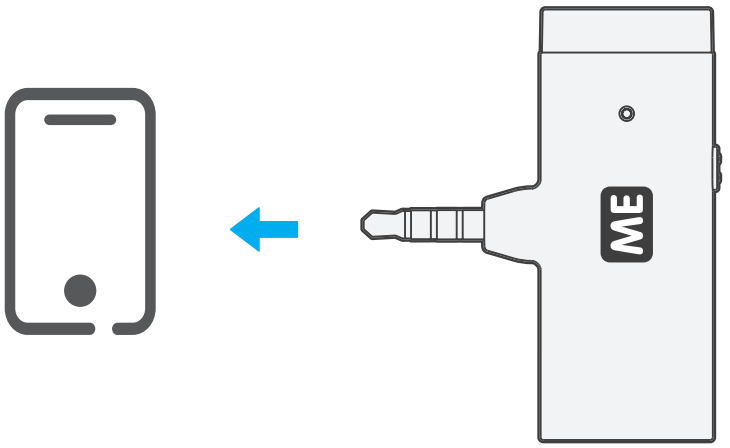
It can be connected to a smartphone, laptop, tablet or other devices with a 3.5mm TRRS jack.

④ **Charging Contacts**

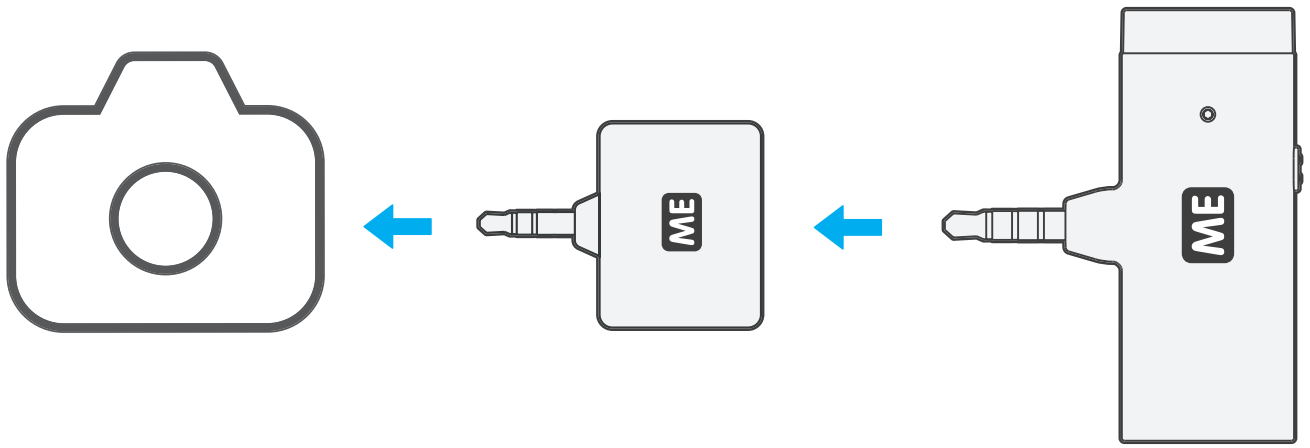
⑤ **Dual 3.5mm TRRS Female to 3.5mm TRS Male Adapter**

Accessories Installation

1. Connect the MIC-F-RX35 to a smartphone, tablet, or other devices with a 3.5mm TRRS jack.

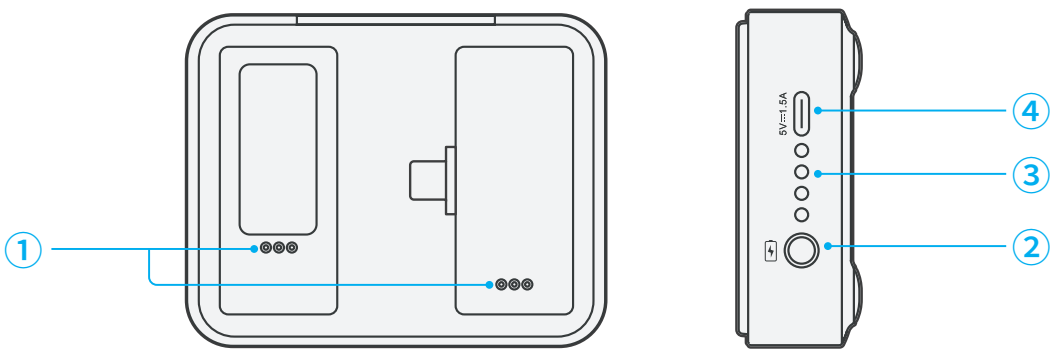


2. Connect the MIC-F-RX35 to a DSLR, camcorder, recorder or other devices with a 3.5mm TRS jack.

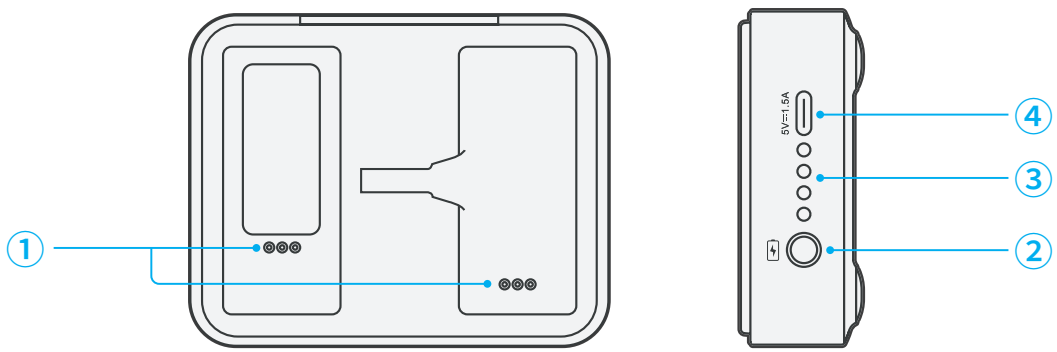


Note: Two MIC-F-RX35 can be connected to the adapter simultaneously.

Charging Case



MIC-F1BOX/MIC-F2BOX



MIC-F3BOX

① Charging Contacts

② Indicator Button

Press to light up the indicator and display current battery level.

③ Battery Level Indicator

④ USB-C Charging Port

Operation Guide

For the MIC-F1/MIC-F2 kit

1. Press and hold the power button for 3 seconds to turn on the transmitter.

2. Plug the RXDi into an iOS device or the RXUC into a USB-C device.

3. Transmitter and receiver pairing

Before leaving factory, the system is pre-paired. Therefore, the connection will be established once they are powered on. If they are disconnected, please follow the steps below:

① With the system powered on, double-click the Pair button of the receiver. The receiver indicator will flash rapidly in blue.

② When the receiver indicator flashes rapidly in blue, double-click the Power button of the transmitter to enter pairing mode. Transmitter and receiver will be paired within 10 seconds. Indicators of both will turn solid blue.

4. You are ready to record.

For the MIC-F3 kit

1. Press and hold the Power button for 3 seconds to turn on the transmitter and the receiver.

2. Transmitter and receiver pairing

Before leaving factory, the system is pre-paired. Therefore, the connection will be established once they are powered on. If they are disconnected, please follow the steps below:

① With the system powered on, double-click the Power button of the receiver. The receiver indicator will flash rapidly in blue.

② When the receiver indicator flashes rapidly in blue, double-click the Power button of the transmitter to enter pairing mode. When paired successfully, the indicators will turn solid blue.

3. Connect the receiver to a smartphone, tablet, or other devices with a 3.5mm TRRS jack. Or use the supplied adapter to connect the receiver to a DSLR, camcorder, recorder or other devices with a 3.5mm TRS jack.

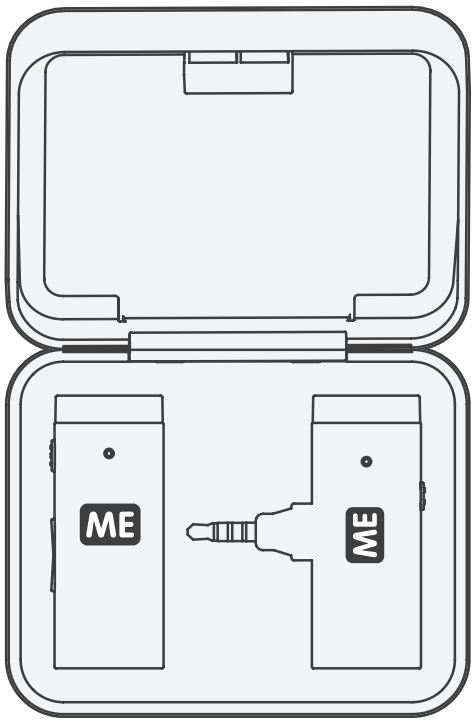
4. You are ready to record.

Note: Due to 2.4GHz wireless frequency, signal can be easily attenuated. Please try to avoid obstacles, such as walls and buildings, and avoid close proximity to devices with 2.4GHz signal, such as high-power wifi antennas, smartphones with wifi in use, radios, etc.

Charging Guide

Please recharge the device when battery is low.

1.Use the charging case to charge the transmitter/receiver.



Mode	Indicator
Low Battery	Quickly flashing red light
Charging	Solid red light
Fully Charged	Light off

Note:

1. The transmitter/receiver will automatically turn off after being placed in the charging case for 15 seconds.
2. The MIC-F-RXDi and MIC-F-RXUC receivers are directly powered by external devices.

2.Use the supplied USB-C cable to charge the charging case.

Indicator	Status
	Charging (Flashing blue light in cycle)
	Full charged
	Current battery level
	Low battery

Specifications

MIC-F-TX

Transmission Type	2.4GHz Digital Frequency
Modulation	GFSK
Operating Range (without obstacle)	Up to 98ft (30m)
RF Output Power	< 10mW
Polar Pattern	Omnidirectional
Frequency Response	50Hz-18KHz
Maximum SPL	120dB SPL
Sensitivity	-42dB
SNR	> 78dB
Power Requirements	Built-in Li-ion Battery or Charging Contact
Built-In Battery Life	Approx. 5 hours
Antenna	IFA Antenna
Audio Input	Built-in Microphone
Weight	Approx. 15g (0.53oz)
Dimensions	20×50×13.9mm
Operating Temperature	–10°C to 50°C
Storage Temperature	–20°C to 55°C

MIC-F-RXDi

Transmission Type	2.4GHz Digital Frequency
Modulation	GFSK
Operating Range (without obstacle)	Up to 98ft (30m)
Audio Output Connector	MFi Certified Lightning Connector
Audio Output Level	–40 dBu to -25dBu
Power Requirements	Supplied by iOS Devices
Antenna	IFA Antenna
Weight	Approx. 14g(0.49oz)
Dimensions	20×50×13.9mm
Operating Temperature	–10°C to 50°C
Storage Temperature	–20°C to 55°C

MIC-F-RXUC

Transmission Type	2.4GHz Digital Frequency
Modulation	GFSK
Operating Range (without obstacle)	Up to 98ft (30m)
Audio Output Connector	USB-C Connector
Audio Output Level	–40 dBu to -25dBu
Power Requirements	Supplied by USB-C Devices
Antenna	IFA Antenna
Weight	Approx. 14g(0.49oz)
Dimensions	20×50×13.9mm
Operating Temperature	–10°C to 50°C
Storage Temperature	–20°C to 55°C

MIC-F-RX35

Transmission Type	2.4GHz Digital Frequency
Modulation	GFSK
Operating Range (without obstacle)	Up to 98ft (30m)
Frequency Response	50Hz-18KHz
SNR	>78dB
Audio Output Connector	3.5mm TRRS
Audio Output Level	–40 dBu to -25dBu
Power Requirements	Built-in Li-ion Battery or Charging Contact
Built-In Battery Life	Approx. 5 hours
Antenna	IFA Antenna
Weight	Approx. 15g(0.53oz)
Dimensions	20×50×13.9mm
Operating Temperature	–10°C to 50°C
Storage Temperature	–20°C to 55°C

Charging case

Power Requirements	USB-C DC 5V/1.5A
Power Capacity	F1BOX/F2BOX: 1000mAh F3BOX: 2000mAh
Box's Charging Time	F1BOX/F2BOX: Approx. 1 hour F3BOX: Approx. 3 hours
Weight	F1BOX/F2BOX: 87.3g(3.08oz) F3BOX: 105g(3.70oz)
Dimensions	F1BOX/F2BOX: 84x66.8x32mm F3BOX: 84x66.8x32mm
Operating Temperature	–10°C to 50°C
Storage Temperature	–20°C to +55°C

Packing List

MIC-F1

MIC-F-TX Transmitter ×1

MIC-F-RXDi Receiver ×1

MIC-F1BOX Charging Case ×1

USB-C Charging Cable ×1

Fur Windshield ×1

MIC-F2

MIC-F-TX Transmitter ×1

MIC-F-RXUC Receiver ×1

MIC-F2BOX Charging Case ×1

USB-C Charging Cable ×1

Fur Windshield ×1

MIC-F3

MIC-F-TX Transmitter×1

MIC-F-RX35 Receiver×1

MIC-F3BOX Charging Case×1

USB-C Charging Cable×1

Dual 3.5mm TRRS Female to 3.5mm TRS Male Adapter×1

Fur Windshield×1

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.

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.