CaTeFo

Audio & Video Equipment

Star200

Dual-Channel Digital Wireless Microphone

General Instruction

CaTeFo Star200 is a new generation 2.4 GHz wireless microphone system, dual-channel for capturing audio with dual subjects to your smartphones, tablets, DSLR cameras, consumer camcorders, PCs etc.

To provide a stable and hassle-free audio system, CaTeFo developed the new "CA Technology" to offers strong signal and pick up detailed, broadcast-quality sound accurately

The CaTeFo Star200 T1 kit includes one transmitter, T2 kit includes two transmitters, which are very small and lightweight enough to clip to shirts and clothing. The receiver has 16-level control audio adjustment and 3.5mm headphone jack to monitor real time audio.

Product introduction

Star200 Transmitter TX

① Power key

Long press to turn on or off the transmitter

② LED indicator
Pairing indicator

③ Mic input
Connect to lavalier microphone

④ Built-in microphone
Built-in microphone

⑤ Pair keys
Short press for pairing with receiver

Star200 Receiver RX

① Power key
Long press to turn on or off the receiver

② LED indicator
Pairing indicator

③ Audio output
Connect to camera, smartphone, audio recorder with supplied cables

④ 3.5mm monitor jack
Real time monitor the audio with earphone

⑤ Pair keys
1.Short press for pairing with transmitter
2.Volume control

Operation Guide

1. Long press power button to turn on the transmitter and receiver.
2. Choose the built-in microphone or clip the supplied lavalier microphone to transmitter as audio input. "How to pair".
3. The receiver and transmitter are paired from factory, if not, please pair the TX and RX manually referring Page 5
4. Connect the receiver to your camera, audio recorder or mixer with supplied 3.5mm TRS audio cable, or connect the receiver to your smartphone or tablet with the supplied 3.5mm TRRS audio cable
5. Ready to record.

How to pair

1.Short press transmitter "+" "-" key at the same time, the indicator flight every second

2.Short press receiver "+" "-" key at the same time, the indicator flash every second.
3.The transmitter and receiver will pair automatically.
4.The LED indicator will light on, if not, please repeat step 1 and 2.

Specifications

Product Name	wireless microphone
Model Name	Star200
Bluetooth Version	N/A
Operating frequency	2406MHz~2474MHz
Numbers of Channel	18 channels
Antenna Type	Chip ceramic antenna
Antenna Gain	- 0 . 3 4 dBi
Type of Modulation	GFSK (Automatic keying FM mode)
Power supply	Input: 5VDC、1 A Ouput: 3.7V、100MA、
Hardware Version	Transmitter board：TI-DM24-TX V1.2　Receiver board：TI-DM24-RX V1.2
Software Version	0000FFFF-Unknown manufacturer
crystal oscillator.	48.00MHz
module chip.	IC:CC8520 IC　TI Chip

Transmitter

Transmission Type	2.4GHz Digital Frequency
RF Power	10dBm
RF Modulation	GFSK
Frequency Response	20Hz-20KHz
Operation Range	60m (197ft) (Without Obstacle)
Power	Built-in Battery or USB DV 5V
Battery Life	4 Hours
Audio Inputs	Built-in Mic or Lapel Microphone
Weight Transmitter	24g
Dimensions	42×42×15mm

Receiver

Transmission Type	2.4GHz Digital Frequency
RF Power	10dBm
RF Modulation	GFSK
Audio Output Response	35Hz-15KHz 3dB
Signal to Noise	85dB
Operation Range	60m (197ft) (Without Obstacle)
Power	Built-in Battery or USB DV 5V
Battery Life	6 Hours
Audio Output	TRS Cable for Cameras TRRS cable for Smartphone
Weight	24g
Dimensions	42×42×15mm

Packing List

Star200 T1

1×Star200 TX transmitter
1×Star200 RX receiver
1×Lavalier microphone
1×3.5 TRS to TRRS audio cable for smartphone
1×3.5 TRS to TRS audio cable for camera
2×Type C charging cables
1×User manual
1×Warranty card

Star200 T2

2×Star200 TX transmitters
1×Star200 RX receiver
2×Lavalier microphones
1×3.5 TRS to TRRS audio cable for smartphone
1×3.5 TRS to TRS audio cable for camera
3×Type C charging cables
1×User manual
1×Warranty card

FCC Caution.

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.

*RF warning for Portable device:
The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

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