The magic life in the image world
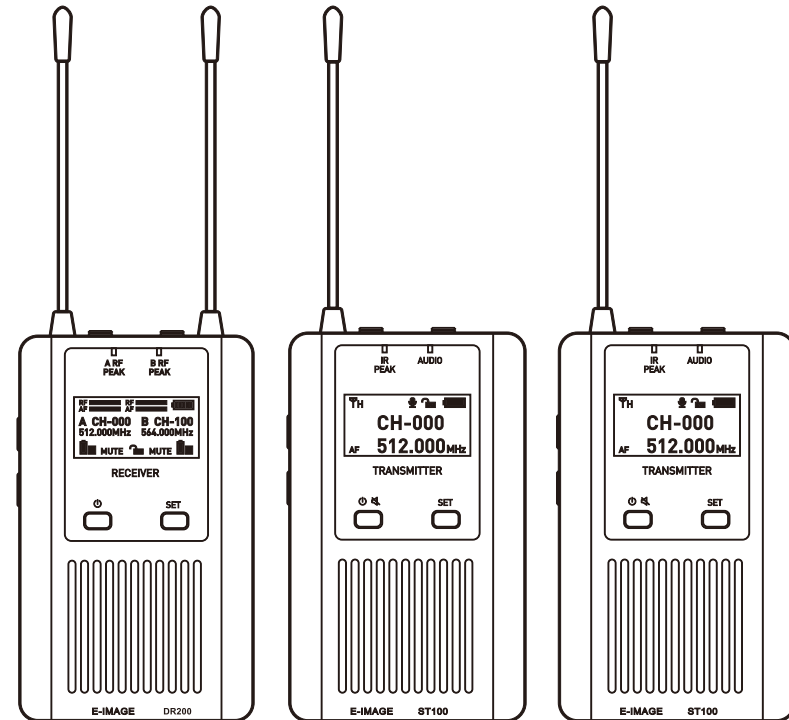
E-IMAGE

MTR-10 (DR200+ST100+ST100)

Dual-Channel Wireless Kit

SUPPORT YOUR IMAGE

A RF PEAK   B RF PEAK

A CH-000   B CH-100
512.000MHz   564.000MHz
MUTE   MUTE

RECEIVER

E-IMAGE   DR200

IR PEAK   AUDIO

TH
CH-000
AF   512.000 MHz

TRANSMITTER

E-IMAGE   ST100

IR PEAK   AUDIO

TH
CH-000
AF   512.000 MHz

TRANSMITTER

E-IMAGE   ST100

Operating Manual   2024.3

E-IMAGE
Offical QR Code

www.eimagevideo.com

Contents

Important Safety Tips

• First of all, thank you for choosing our products. Please read the guide carefully before using this product.
• Please keep the instructions properly. Please always give this product to other users together with the instructions.
• Please pay attention to all warnings and follow all instructions in the instructions.
• Clean the equipment with a soft cloth.
• Do not place the product near heat source, such as radiator, oven or other devices (including loudspeakers).
• Only use additional equipment and accessories matched by the original company.
• All maintenance work must be carried out by specially trained maintenance personnel.
• If the product is damaged in any form, such as liquid or foreign matter penetration or rain, can not work normally or accidentally fall, it must be maintained.
• Warning: do not use this product near water. Do not use the product in rain or wet environment. Otherwise, there is a risk of short circuit.

Standard Use

• Read the instructions carefully, especially the "important safety tips" on this page
• Use the equipment only in accordance with the operating conditions in this instruction manual.
• If you do not use the equipment according to the instructions or do not comply with the working conditions in the instructions, it will be regarded as illegal use.
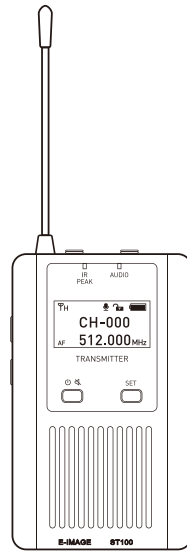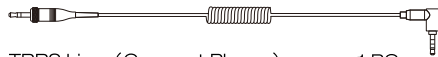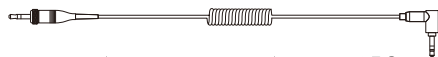
Packing List
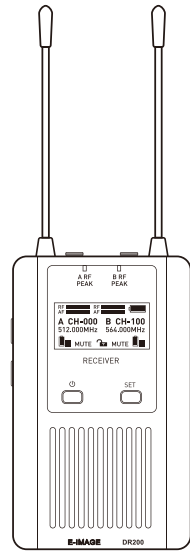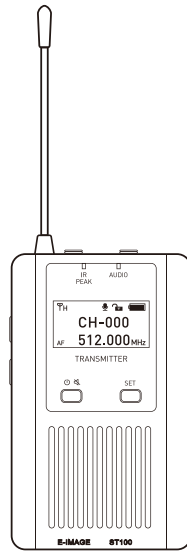
DR200   x 1 PC   ST100   x 1 PC   ST100   x 1 PC

TRRS Line（Connect Phone）   x 1 PC
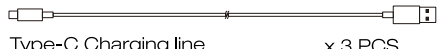
TRS Line（Connect Camera）   x 1 PC
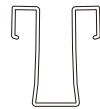
Clip Microphone   x 2 PC

XLR Turn 3.5mm   x 1 PC
（Connect the mixer and other equipment）

Type-C Charging line   x 3 PCS

Back Clip   x 3 PCS   Cold Boots   x 1 PC
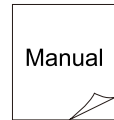
Manual
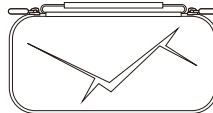
User Manual   x 1 PC   Carrying Bag   x 1 PC

Function Indication

DR200
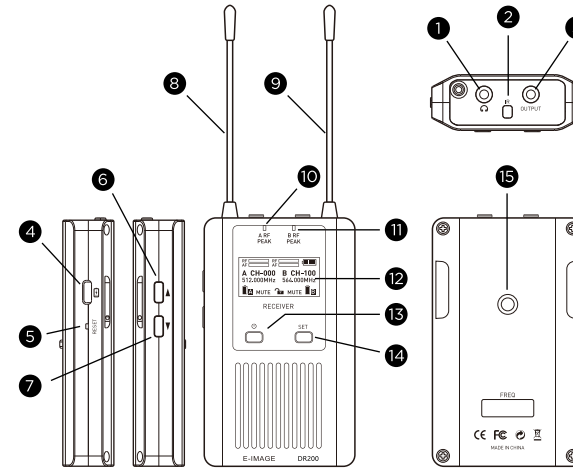
1. 3.5mm Line Input Interface
2. Infrared Matching Window
3. 3.5mm Microphone Input Connector
4. Type-C Charging Interface
5. Forced Shutdown Button
6. Up Button: Up Menu / Up Page
7. Down Button: Down Menu / Next Page
8. A Antenna
9. B Antenna
10. Radio Frequency Signal Indicator
11. Audio Indicator / Audio Peak Indicator
12. LCD Display
13. Switch Button
14. Set Button
15. 1/4 Screw (Cold Shoe Accessories)

ST100
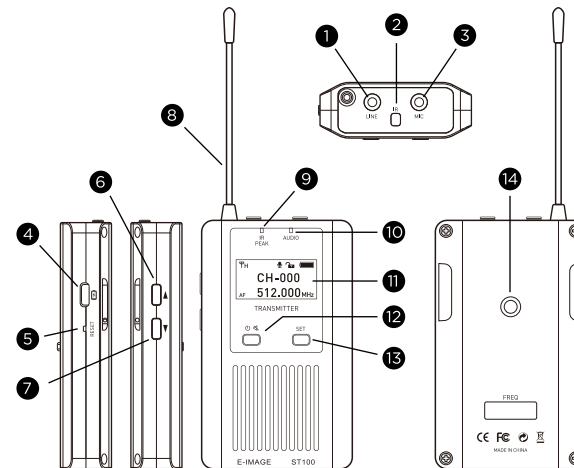
1. 3.5mm Line Input Interface
2. Infrared Matching Window
3. 3.5mm Microphone Input Connector
4. Type-C Charging Interface
5. Forced Shutdown Button
6. Up Button: Up Menu / Up Page
7. Down Button: Down Menu / Next Page
8. Antenna
9. Audio Peak Light / Infrared Signal Light
10. Audio Indicator / Mute Light
11. LCD Display
12. Switch / Mute Button
13. Set Button
14. 1/4 Screw (Cold Shoe Accessories)

Operating Instructions

DR200

1. A-channel battery
2. Channel A frequency
3. A-channel display
4. A-channel RF level
5. A-channel audio level
6. B-channel RF level
7. B-channel audio level
8. Local battery display
9. B-channel display
10. B-channel frequency
11. B-channel battery
12. Mute state
13. Lock/Unlock Status

Function Key Indication

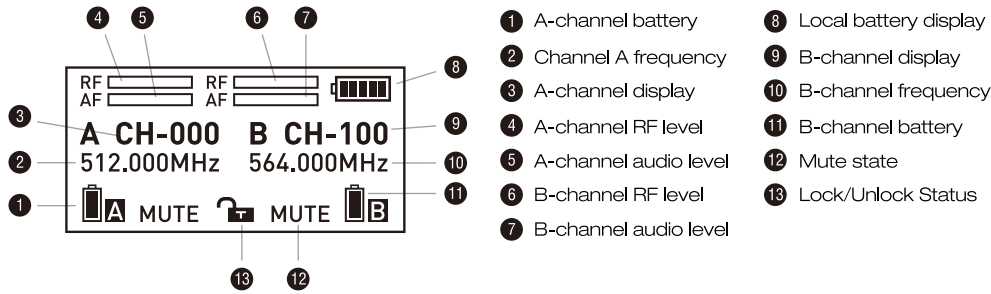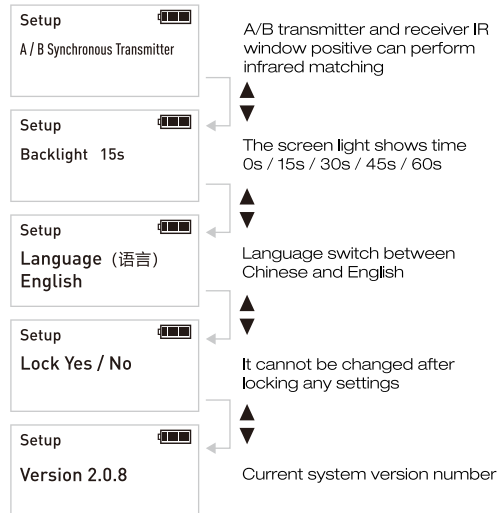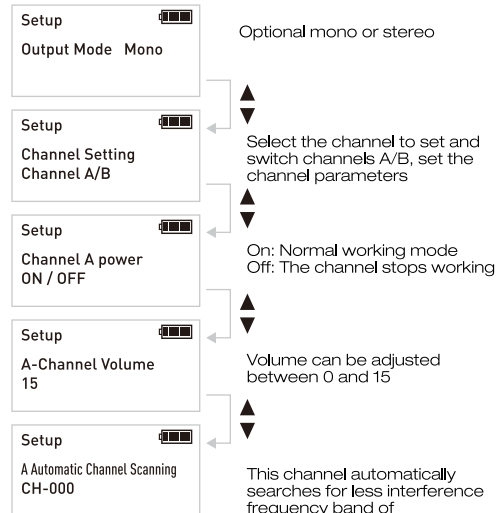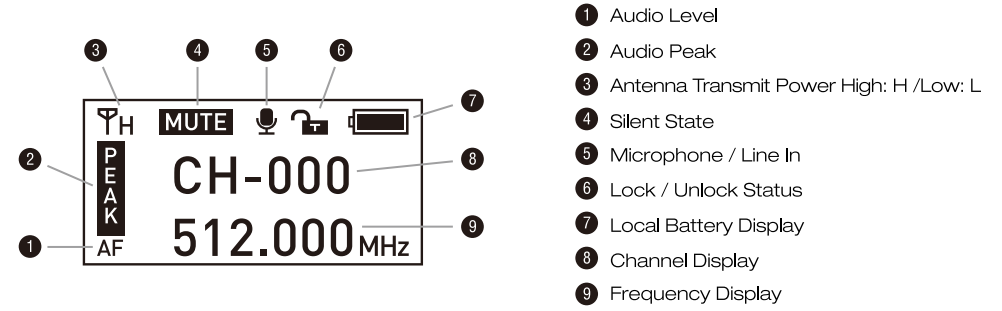|		
SET Key	Homepage Long Press	A / B 100 Passageway
	Long Press	Enter the function adjustment menu
	Short Press	① Confirm the selected function ② Exit function adjustment menu

Receivers Indicator

IR/RF	Green light long bright	Normal working state
	Green light twinkle	No received signal
A RF / PEAK	Red light long bright	Audio peak
PEAK	Red light long bright	Audio peak

Setup	Output Mode Mono	Optional mono or stereo
Setup	Channel Setting Channel A/B	Select the channel to set and switch channels A/B, set the channel parameters
Setup	Channel A power ON / OFF	On: Normal working mode Off: The channel stops working
Setup	A-Channel Volume 15	Volume can be adjusted between 0 and 15
Setup	A Automatic Channel Scanning CH-000	This channel automatically searches for less interference frequency band of

Setup	A / B Synchronous Transmitter	A/B transmitter and receiver IR window positive can perform infrared matching
Setup	Backlight 15s	The screen light shows time 0s / 15s / 30s / 45s / 60s
Setup	Language（语言）English	Language switch between Chinese and English
Setup	Lock Yes / No	It cannot be changed after locking any settings
Setup	Version 2.0.8	Current system version number

Operating Instructions

ST100

1. Audio Level
2. Audio Peak
3. Antenna Transmit Power High: H /Low: L
4. Silent State
5. Microphone / Line In
6. Lock / Unlock Status
7. Local Battery Display
8. Channel Display
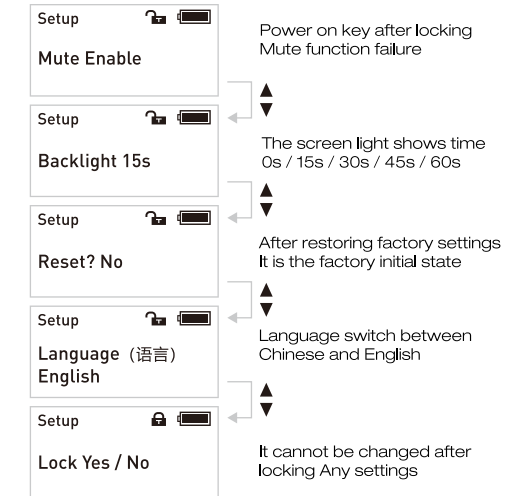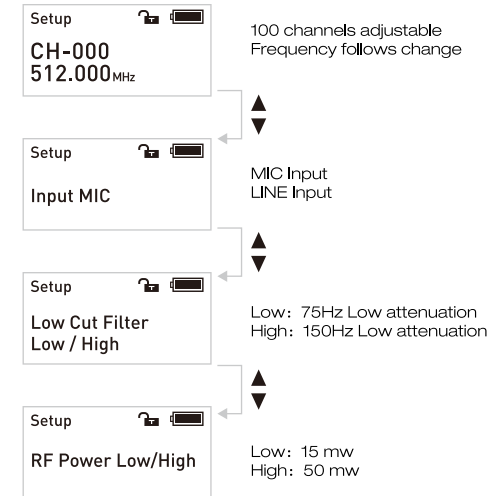9. Frequency Display

Function Key Indication

|		
SET Key	Long Press	Enter the function Adjustment menu
	Short Press	① Confirm the selected function ② Exit function adjustment menu

Transmitter Indicator

IR	Green light twinkle	Frequency matching in progress
PEAK	Red light long bright	Audio peak
AUDIO	Green light long bright	Normal recording state
	Red light long bright	Mute Mode

Setup	CH-000 512.000 MHz	100 channels adjustable Frequency follows change
Setup	Input MIC	MIC Input LINE Input
Setup	Low Cut Filter Low / High	Low：75Hz Low attenuation High：150Hz Low attenuation
Setup	RF Power Low/High	Low：15 mw High：50 mw

| Setup	Mute Enable	Power on key after locking Mute function failure
Setup	Backlight 15s	The screen light shows time 0s / 15s / 30s / 45s / 60s
Setup	Reset? No	After restoring factory settings It is the factory initial state
Setup	Language（语言）English	Language switch between Chinese and English
Setup	Lock Yes / No	It cannot be changed after locking Any settings

Operating Instructions

Battery display instructions

About 70% Power

About 30% Power

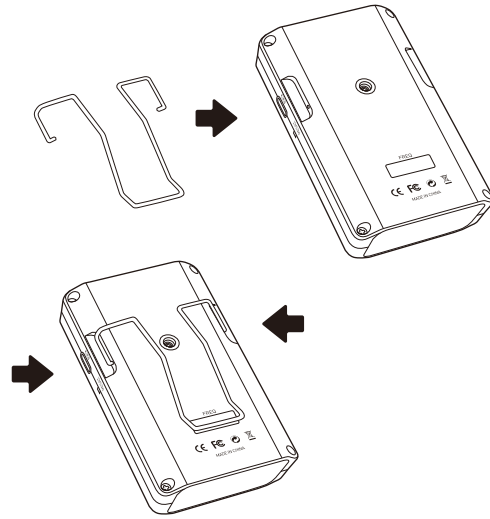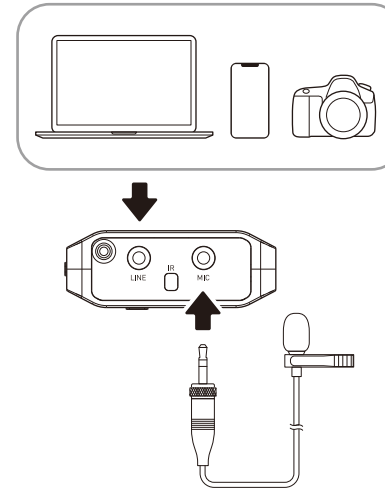The battery is running out and the screen is not working flashing indicates charging is required

TX MUTE RX
CH-000
RF AF 512.000 MHz

Power on charging display status
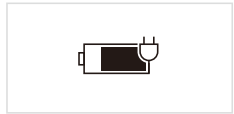
Power off charging display status

Back clip installation

Installation And Use Of Cold Shoes

① ② ③

④ ⑤

Operating Instructions

Transmitter Connection Equipment

LINE IR MIC

Receiver Connection Equipment

IR OUTPUT
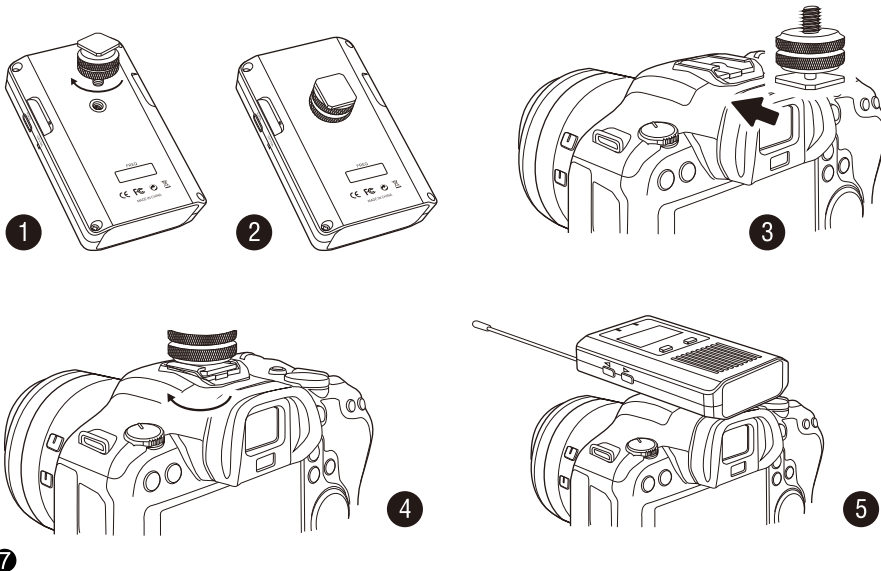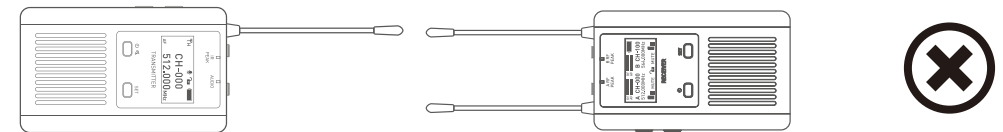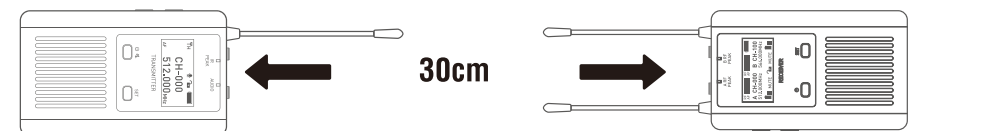
Paired Transmitter Attention

Wrong Pairing Distance

If the pairing distance is too close and the signals interfere with each other, the screen will prompt pairing failure.

Correct Pairing Distance

The best matching distance between transmitter and receiver is 30cm.

30cm

Technical Data

Model	DR200
Channel	A/ B 100CHs
Wireless Frequency Range	UHF500~900MHz
Frequency Response	60Hz~15KHz
Transmitting Power	10mW(Low) / 30mW(High)
Stray Radiation	< -60dB
Audio T.H.D	< 0.5%@1KHz
High pass filter	-75Hz(Low) / -150Hz(High)
Audio Output	Mono / Stereo
Display Screen	LCD
Working Distance	In line-of-sight area(120m) / In barrier area(60m)
Power	Type-C 3.5 hours full,DC 5V@1000mA
Battery	Built-in li-ion battery,3.7V,1800mA/Hour
Working time	10Hours
Size	96x60x19mm
Operating Temperature	0-50℃
Material	Aluminum

Model	ST100
Channel	100CHs
Wireless Frequency Range	UHF500-900MHz
Frequency Response	60Hz~15KHz
Transmitter power	10mW~30mW
Stray Radiation	<-60dB
Audio T.H.D	< 0.5%@1KHz
High pass filter	-75Hz(Low) /~150Hz(High)
Audio Output	Mono
Display Screen	LCD
Working Distance	In line-of-sight area(120m) / In barrier area(60m)
Power	Type-C 3.5 hours full,DC 5V@1000mA
Battery	Built-in li-ion battery,3.7V,1800mA/Hour
Working time	10 Hours
Size	96x60x19mm

Precautions

Please pay attention to the following tips when using the transmitter and receiver.

lUse only transmitters and receivers with the same frequency range (see transmitters andBand label on the back of the receiver) to ensure that the required frequency is included in the attached in the frequency data sheet, ensure that the required frequency is allowed in the place of use, if necessary to apply for a use license.

In the factory state, the transmitter and receiver have completed pairing settings with each other, such as If the connection between the transmitter and receiver cannot be established, please re pair the settings standby channel.

Usage suggestions

Properly modulate and connect the transmitter and receiver to obtain the best sound effect.

For best reception

The signal range of the transmitter and receiver depends on the conditions of the place of use, and may between 5m and 100m; there should be no obstruction between transmitter and receiver Obstacle of line of sight, the distance between transmitter and receiver shall be kept at a maximum of 2m Small spacing, which can avoid overshoot of the radio signal of the receiver.

Operation for multi-channel devices

When using multiple transmitters, avoid transmission lines formed by short transmitter spacing the channel interference shall be kept at least 50 cm between each transmitter and receiver distance.

Warranty Card

Customer Information

Customer Name	Contact No.
Address	

Sales Manager

Sales Date	Dealer
Dealer Contact No.	

#1 Maintenance Record

Service Date	Signature of Repairman
Cause of Problem	
Service Result: ☐ Solved ☐ Unsolved ☐ Refunded/ Replaced	