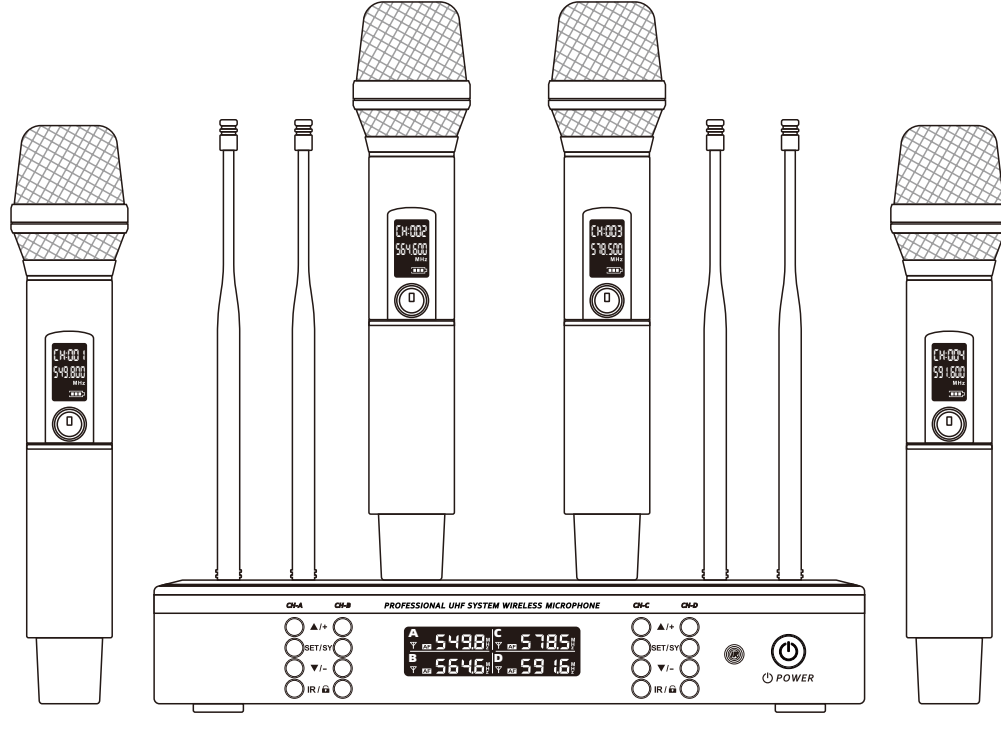


# UHF WIRELESS MICROPHONE SYSTEM

PROFESSIONAL STAGE PERFORMANCE WIRELESS EQUIPMENT



## USER MANUAL

Please read carefully before use.  
If you have any questions, please contact customer service.

## 4-CHANNEL UHF WIRELESS SYSTEM

This wireless microphone uses UHF signal transmission. The handheld microphone transmitter and receiver are made of metal. The redesigned circuit and high-quality chips optimize the signal transmission of sound and greatly reduce the loss of sound in wireless transmission. The system has a stable transmission range of 80m, and can reach 100m in an open area and without signal interference. The multi-functional receiver has a built-in SYNC automatic frequency search function, which can automatically search and locate safe frequencies in complex environments to avoid signal interference. The transmitter can be quickly paired through IR matching.

This wireless microphone has a very high sound reduction degree, and is very suitable for singing at home parties, conference speeches, and even stage performances.

### OVERALL PERFORMANCE

- Frequency: 500-600MHz (may vary depending on each country)
- Frequency stability: +0.005%
- Modulation mode: FM
- Maximum modulation frequency: 40KHz
- Frequency response: 40Hz-20KHz
- S/N: =100dB
- Effective range: 80m
- Distortion: <0.5%
- Operating temperature: -10C-50C

### RECEIVER PARAMETER

- Receiving mode: superheterodyne double conversion
- Frequency oscillation: PLL phase-locked loop
- Sensitivity: -93dB
- Audio output: XLR balanced
- Output: 0-500mV
- Imp. 35 unbalanced output: 0-500 mV
- Power supply: 110V-240V/50Hz (US/EU/AU/UK plug).
- Rated power consumption: 3W

### HANDHELD MIC PARAMETER

- RF output power: <10 mW
- Clutter suppression
- Antenna: Hidden external power supply
- Dynamic cardioid directivity

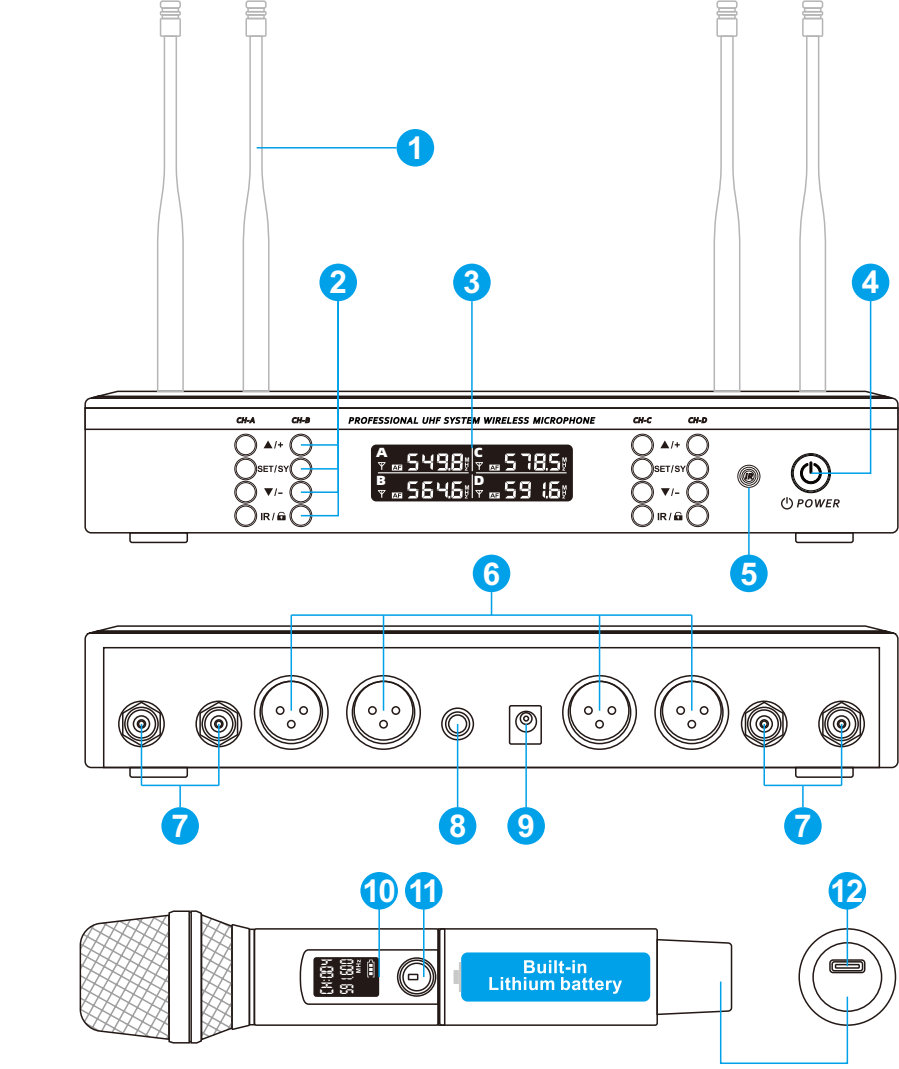


**Note:** The power plug type is adapted according to the country where the buyer purchases. If a specific power plug is required, please contact the merchant.

### PRODUCT FEATURES:

- Both the transmitter and the receiver use high-definition LCD displays to display detailed information including power.
- The built-in chip of the receiver has a metal signal shielding cover, which has better anti-interference ability.
- The microphone has a built-in lithium battery, which can be charged via the TypeC interface and has a battery life of 5-7 hours.
- It uses high-quality microphone chips with good sensitivity and clear and high sound restoration.
- The wireless signal range can reach 80m, and can reach 100m in an open and interference-free environment.
- Built-in SYNC automatic frequency search function, which is safer to use in a complex signal environment.
- The receiver has four antennas for more stable signal reception.
- Each channel has 50 built-in frequencies that can be switched and IR frequency matching.

## UHF 4-CHANNEL WIRELESS SYSTEM



- Signal antenna, please stand it up when using
- Setting buttons: ▲▼/+/- volume or switching frequency SET/SY set frequency or turn on automatic frequency search function IR/IR infrared matching or long press for 3 seconds to lock the channel
- LCD information display
- Receiver power switch
- Receiver infrared matching function position
- XLR output interface (mono)
- Antenna BNC interface
- Mixed output (6.35mm)
- Receiver power interface (12V 1A)
- Transmitter infrared matching function position
- Power switch, red light during charging, green light when fully charged
- Type C SV charging interface

## UHF 4-CHANNEL WIRELESS SYSTEM

- Antena de señal, levántela cuando la use
- Botones de configuración: ▲▼/+/- volumen o frecuencia de conmutación SET/SY establece la frecuencia o activa la búsqueda automática de frecuencia Operación de coincidencia o bloqueo de IR/IR infrarrojos del canal (Pulsado durante 3s)
- Pantalla de información LCD
- Interruptor de encendido del receptor
- Ubicación de la función de coincidencia de infrarrojos del receptor
- Interfaz de salida XLR (mono)
- Interfaz BNC de antena
- Salida mixta (6,35 mm)
- Interfaz de alimentación del receptor (12V 1A)
- Ubicación funcional de la adaptación infrarroja del transmisor
- Interruptor de alimentación, luz roja durante la carga, luz verde cuando está completamente cargada. (Cargue con la alimentación apagada)
- Interfaz de carga TypeC

- Signalantenne, bitte stellen Sie sie auf, wenn Sie sie verwenden
- Einstellbuttons: ▲▼/+/- Lautstärke oder Schalterfrequenz SET/SY stellt die Frequenz ein oder schaltet die automatische Frequenzsuche ein IR/IR Infrarot-Anpassung oder Sperrvorgang des Kanals (3 Sekunden lang gedrückt halten)
- LCD-Informationsanzeige
- Netzschalter des Empfängers
- Funktionsort der Infrarot-Anpassung des Empfängers
- XLR-Ausgangsschnittstelle (Mono)
- Antennen-BNC-Schnittstelle
- Gemischter Ausgang (6,35 mm)
- Empfänger-Stromschnittstelle (12V, 1 A)
- Funktioneller Standort der Infrarot-Anpassung des Senders
- Netzschalter, er leuchtet beim Laden rot und bei voller Ladung grün. (Bitte bei ausgeschaltetem Gerät aufladen)
- TypeC 5V Ladeschnittstelle

- Antenne de signal, veuillez la tenir debout lorsque vous l'utilisez
- Boutons de réglage: ▲▼/+/- volume ou fréquence de commutation SET/SY règle la fréquence ou active la recherche automatique de fréquence Opération de correspondance ou de verrouillage IR/IR infrarouge du canal (Appuyez pendant 3s)
- Affichage des informations LCD
- Interrupteur d'alimentation du récepteur
- Emplacement de la fonction de correspondance infrarouge du récepteur
- Interface de sortie XLR (mono)
- Interface BNC de l'antenne
- Sortie mixte (6,35 mm)
- Interface d'alimentation du récepteur (12V 1 A)
- Emplacement fonctionnel de la correspondance infrarouge de l'émetteur
- Interrupteur d'alimentation, il s'affiche en rouge lors de la charge et en vert lorsqu'il est complètement chargé. (Veuillez charger avec l'alimentation éteinte)
- Interface de charge TypeC 5 V

- Antenna di segnale, alzarla quando la si utilizza
- Pulsanti di impostazione: ▲▼/+/- volume o frequenza di commutazione SET/SY imposta la frequenza o attiva la ricerca automatica della frequenza Operazione di corrispondenza o blocco IR/IR infrarossi del canale (tenere premuto per 3s)
- Display informativo LCD
- Interruttore di alimentazione del ricevitore
- Posizione della funzione di corrispondenza degli infrarossi del ricevitore
- Interfaccia di uscita XLR (mono)
- Interfaccia BNC dell'antenna
- Uscita mista (6,35 mm)
- Posizione funzionale dell'abbinamento al ricevitore del trasmettitore
- Interruttore di alimentazione, diventa rosso durante la ricarica, luce verde completamente carica
- Preghia di caricare con l'alimentazione spenta
- Interfaccia di ricarica TypeC 5V

## UHF 4-CHANNEL WIRELESS SYSTEM

### How to switch frequencies/match transmitters?

#### STEP 1 Switch to a suitable and safe frequency.

- If you encounter signal interference during use, you can switch the frequency by pressing SET, then ▲▼ to switch the frequency, or you can automatically search for a safe frequency by pressing the SYNC button (long press 3s).
- Quando encounter interferéncia de sinal durante o uso, você pode realizar este passo para cambiar la frecuencia, presionar SET y luego ▲▼ para cambiar la frecuencia, o puede buscar automáticamente una frecuencia segura (presionando y manteniendo presionado el botón SYNC durante 3s).
- Wenn während des Gebrauchs Signalstörungen auftreten, können Sie diesen Schritt ausführen, um die Frequenz zu wechseln. SET drücken und dann ▲▼, um die Frequenz zu wechseln, oder Sie können automatisch nach einer sicheren Frequenz suchen, indem Sie die SYNC-Taste 3s lang gedrückt halten.
- Lorsque vous rencontrez des interférences de signal pendant l'utilisation, vous pouvez effectuer cette étape pour changer fréquence, appuyez sur SET, puis ▲▼ pour changer fréquence, ou vous pouvez rechercher automatiquement une fréquence sûre en appuyant et en maintenant enfoncé le bouton SYNC pendant 3s.
- Quando si riscontra un'interferenza nel segnale durante l'uso, è possibile eseguire questo passaggio per cambiare la frequenza, premere SET, quindi ▲▼ per cambiare la frequenza, oppure è possibile cercare automaticamente una frequenza sicura (tenendo premuto il pulsante SYNC per 3 secondi).

#### STEP 2 Enable IR matching function.

- Press the "IR" button, IR appears on the screen and the IR light flashes.
- Presione el botón "IR", IR aparece en la pantalla y la luz IR parpadea.
- Drücken Sie die Taste "IR", IR wird auf dem Bildschirm angezeigt und das IR-Licht blinkt.
- Appuyez sur le bouton "IR", IR apparaît sur l'écran et la lumière IR clignote.
- Premere il pulsante "IR", sullo schermo appare la scritta IR e la luce IR lampeggia.

#### STEP 3 Matching the mic to the receiver

- Use the position between the microphone screen and the switch to match the receiver's IR light and pairing will be successful, and the corresponding channel light will light up.
- Utilice la posición entre la pantalla del micrófono y el interruptor para que coincida con la luz IR del receptor, luego el emparejamiento se realizará correctamente y la luz del canal correspondiente se encenderá.
- Verwenden Sie die Position zwischen dem Bildschirm des Mikrofons und dem Schalter, um die IR-Licht des Empfängers anzuzeigen. Anschließend ist die Kopplung erfolgreich und das entsprechende Kanallicht leuchtet auf.
- Utilisez la position entre l'écran du microphone et l'interrupteur pour faire correspondre la lumière IR du récepteur, puis l'appariage est réussi et la lumière de canal correspondant s'allume.
- Utilizzare la posizione tra lo schermo del microfono e l'interruttore in modo che corrisponda alla luce IR del ricevitore, quindi l'accoppiamento avrà esito positivo e la luce del canale corrispondente si accenderà.

## UHF 4-CHANNEL WIRELESS SYSTEM

### Use of automatic frequency search, SYNC

- Press and hold for 3 seconds to turn on SYNC, then wait for the channel to automatically search for the safest frequency for the occasion, then repeat STEP 3. Faites correspondre le micro.
- Mantenga presionado durante 3 segundos para activar SYNC. Luego espere a que el canal busque automáticamente la frecuencia más segura para la ocasión, luego repita STEP 3. Haga coincidir el micrófono.
- Halten Sie die Taste 3 Sekunden lang gedrückt, um SYNC einzuschalten. Warten Sie, bis der Kanal automatisch nach der sichersten Frequenz sucht und wiederholen Sie dann den Vorgang STEP 3. Passen Sie das Mikrophon an.
- Appuyez et maintenez enfoncé pendant 3 secondes pour activer SYNC, attendez que la chaîne recherche automatiquement la fréquence la plus sûre, puis répétez STEP 3. Faites correspondre le microphone.
- Tieni premuto per 3 secondi per attivare SYNC, attendi che il canale cerchi automaticamente la frequenza più sicura, quindi ripeti Fai STEP 3 corrispondere il microfono.

### Wireless Receiver - Lock Operation

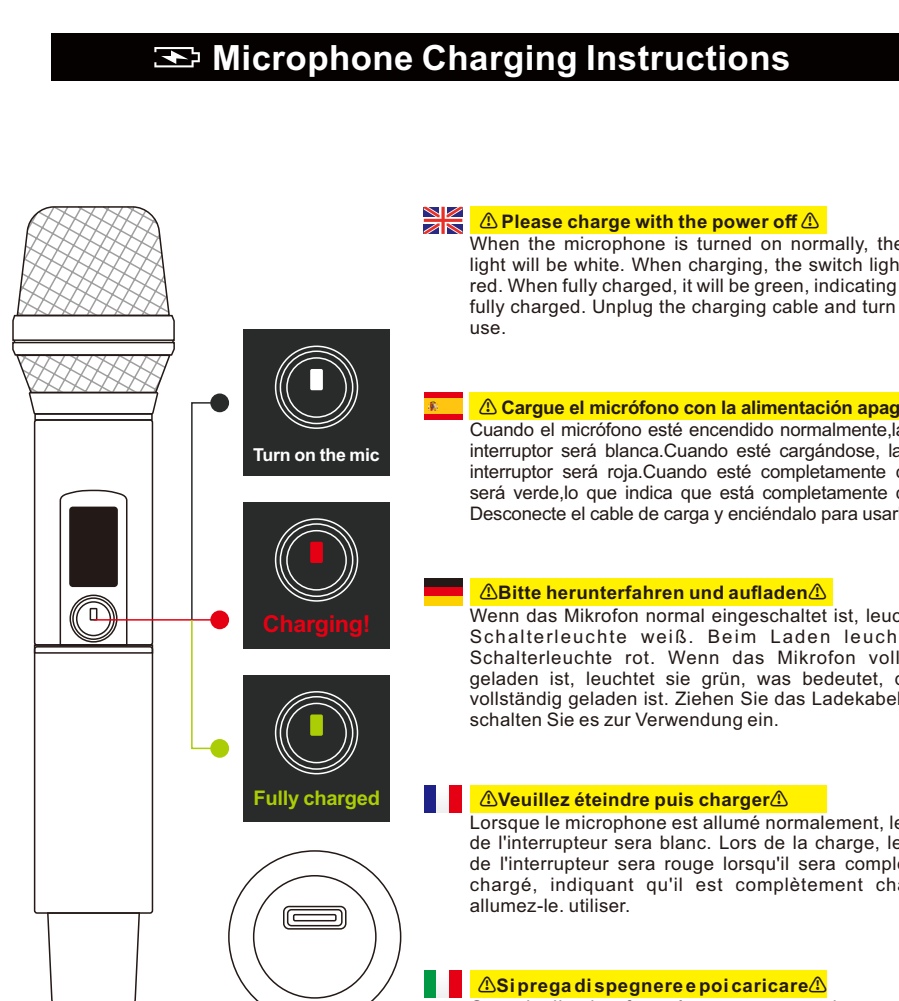
- Press and hold the IR/IR button for 3 seconds, and the display will show "ON" to lock the channel. After locking, it will show "LO" and no operation can be performed. Press and hold the IR/IR button again for 3 seconds, and the display will show "OF" to unlock and release the operation of the channel.
- Press and hold the IR/IR button for 3 seconds, and the display will show "ON" to lock the channel. After locking, it will show "LO" and no operation can be performed. Press and hold the IR/IR button again for 3 seconds, and the display will show "OF" to unlock and release the operation of the channel.
- Halten Sie die IR/IR-Taste 3 Sekunden lang gedrückt und „ON“ wird angezeigt, um den Kanal zu entsperren. Wenn der Kanal gesperrt ist, wird „LO“ angezeigt und es kann kein Vorgang ausgeführt werden. Halten Sie die IR/IR-Taste erneut 3 Sekunden lang gedrückt, und „OF“ wird angezeigt, um den Betrieb des Kanals zu entsperren und freizugeben.
- Appuyez et maintenez le bouton IR/IR pendant 3 secondes, et "ON" s'affichera pour déverrouiller le canal. Une fois verrouillé, "LO" s'affichera et aucune opération ne pourra être effectuée. Appuyez à nouveau sur le bouton IR/IR pendant 3 secondes, et "OF" s'affichera pour déverrouiller et libérer le fonctionnement du canal.
- Premere e tenere premuto il pulsante IR/IR per 3 secondi e verrà visualizzato "ON" per sbloccare il canale. Quando bloccato, verrà visualizzato "LO" e non sarà possibile eseguire alcuna operazione. Tenere premuto nuovamente il pulsante IR/IR per 3 secondi e verrà visualizzato "OF" per sbloccare e rilasciare il funzionamento del canale.

### Volume adjustment

- Press ▲/▼ to adjust the volume, the volume can be adjusted in levels 0-31.
- Presione ▲/▼ para ajustar el volumen, y el volumen se puede ajustar a los niveles 0-31.
- Drücken Sie ▲/▼, um die Lautstärke anzupassen. Die Lautstärke kann auf Stufen von 0 bis 31 eingestellt werden.
- Appuyez sur ▲/▼ pour régler le volume, et le volume peut être ajusté aux niveaux 0-31.
- Premere ▲/▼ per regolare il volume e il volume può essere regolato sui livelli 0-31.

## UHF 4-CHANNEL WIRELESS SYSTEM

### Microphone Charging Instructions



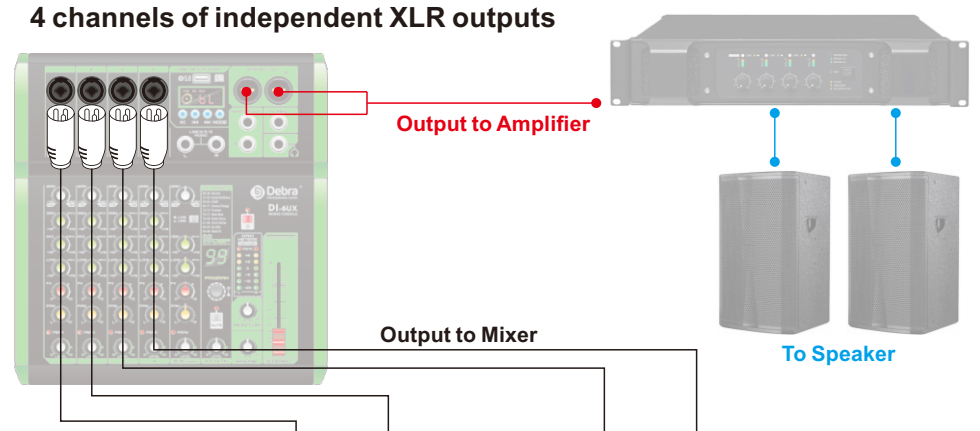
The use environment of 18650 lithium-ion batteries is a clean, dry, ventilated environment with a temperature of 0-40°C and a relative humidity of no more than 75%. Avoid contact with corrosive substances and keep away from fire and heat sources.

The normal number of charge and discharge cycles of lithium-ion batteries is about 500 to 800 times. Lithium-ion batteries that have reached the end of their life should be safely recycled and disposed of. The normal number of cycles of charge and discharge of lithium-ion batteries is about 500 to 800 cycles. The batteries with lithium-ion cells have reached the end of their life and should be recycled and disposed of.

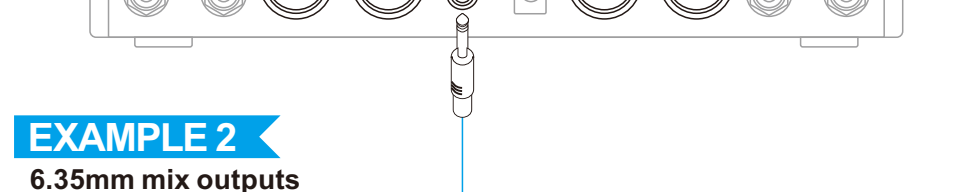
## UHF 4-CHANNEL WIRELESS SYSTEM

### Connecting external devices

#### EXAMPLE 1 4 channels of independent XLR outputs



#### EXAMPLE 2 6.35mm mix outputs



The accessories of this system do not include cables for various interfaces. Please purchase the cables required for external devices by yourself. Thank you for your understanding.

## TROUBLESHOOTING

Troubles	Status	Solutions
No sound or weak voice	The transmitter LCD display off	<ul style="list-style-type: none"> <li>Turn on the transmitter power.</li> <li>Check the position of the transmitter and confirm that the +/- markings on the battery match the receiver head connector.</li> <li>Install a new battery to replace the old battery.</li> </ul>
	Receiver LCD display off	<ul style="list-style-type: none"> <li>Check whether the head of the power adapter is connected to the power outlet.</li> <li>Confirm whether the power adapter is connected to the receiver.</li> <li>Please check whether the power socket is working properly.</li> </ul>

Troubles	Status	Solutions
Distortion or excess of burst noise	The display screen of the receiver shows that there is RF signal	<ul style="list-style-type: none"> <li>Lower the maximum volume.</li> <li>Check for interference and eliminate nearby sources of interference (such as CD players, computers, digital devices, aerial monitoring systems, etc.)</li> <li>Check whether the battery is nearly dead, and replace it with a new one.</li> <li>If multiple systems are used together in the same time, the frequency interval between each system can be increased.</li> </ul>

Nubes	Estado	Soluciones
Sin sonido o voz débil	El transmisor Pantalla LCD apagada	<ul style="list-style-type: none"> <li>Encienda la alimentación del transmisor.</li> <li>Alinee la tapa del transmisor y confirme que las marcas +/- de la batería coincidan con el conector del cabezal del receptor.</li> <li>Instale una batería nueva para reemplazar la vieja.</li> </ul>
	LCD del receptor pantalla apagada	<ul style="list-style-type: none"> <li>Compruebe si el cabezal del adaptador de corriente está conectado a la toma de corriente.</li> <li>Confirme si el adaptador de corriente está conectado al receptor.</li> <li>Compruebe si la toma de corriente funciona correctamente.</li> </ul>

Troubles	Status	Solutions
Distorsion o exceso de ruido de explosión	La pantalla de visualización del receptor muestra que hay señal de RF	<ul style="list-style-type: none"> <li>Bajare el volumen máximo.</li> <li>Verifique si hay interferencias y elimine las fuentes de interferencia cercanas (como reproductores de CD, computadoras, dispositivos digitales, sistemas de monitoreo de aeronaves, etc.)</li> <li>Compruebe si la batería está casi muerta y sustituya por una nueva.</li> <li>Si se utilizan varios sistemas juntos al mismo tiempo, se puede aumentar el intervalo de frecuencia entre cada sistema.</li> </ul>

Probleme	Status	Lösungen
Keinen Ton oder schwache Stimme	Der Sender LCD-Anzeige aus	<ul style="list-style-type: none"> <li>Schalten Sie den Sender ein.</li> <li>Überprüfen Sie die Senderabdeckung und vergewissern Sie sich, dass die +/--Markierungen auf der Batterie mit dem Empfängerkopfschaltanschluss übereinstimmen.</li> <li>Installieren Sie eine neue Batterie, um die alte Batterie zu ersetzen.</li> </ul>
	Empfänger-LCD Bildschirm aus	<ul style="list-style-type: none"> <li>Überprüfen Sie, ob die Steckdose des Stromversorgers angeschlossen ist.</li> <li>Überprüfen Sie, ob Empfänger und Sender auf der gleichen Frequenz sind.</li> <li>Überprüfen Sie, ob die Steckdose funktioniert.</li> </ul>

Troubles	Status	Solutions
Verzerrung oder Überschuss von Burst-Lärm	Das Display des Senders zeigt an, dass kein RF-Signal vorhanden ist. Die Signalstärke des Empfängers leuchtet nicht	<ul style="list-style-type: none"> <li>Verriegeln Sie die maximale Lautstärke.</li> <li>Überprüfen Sie auf Störungen durch andere Geräte (z. B. CD-Player, Computer, digitale Geräte, Überwachungs- und Übertragungssysteme).</li> <li>Überprüfen Sie, ob die Batterie fast leer ist, und ersetzen Sie sie durch eine neue.</li> <li>Wenn mehrere Systeme gleichzeitig verwendet werden, kann der Frequenzabstand zwischen den einzelnen Systemen vergrößert werden.</li> </ul>

## CAUTIONS AND WARNINGS

**WARNING** CAUTION: To reduce the risk of electric shock, do not remove cover (or back). No user-serviceable parts inside. Only refer servicing to qualified service personnel.

The lightning flash & arrowhead symbol within an equilateral triangle is intended to alert you to the presence of danger.

The exclamation mark symbol within an equilateral triangle is intended to alert you to the presence of important operating and servicing instructions.