

PROFESSIONAL WIRELESS MONITORING SYSTEM

Instruction manual



Product presentation

1. This wireless Ear-monitor System is used in stage performance and sound broadcast which can replace traditional complex sound monitoring equipment, achieve admirable listening effect.
2. With using the latest high frequency transmission and audio signal dynamic processing technology, also improve the signal-to-noise ratio of the dynamic range so that the system has the best anti-interference to show the perfect original sound again.

Main features

- UHF band Phase lock PLL
- Among the band of 572.5-587.5MHz, the preset 16 frequencies can be arbitrary switching
- Dynamic expansion circuit, greatly improve signal-to-noise ratio
- High-end and elegant TFT screen
- With power and RF receiving indicator lamp
- Long service life with rechargeable batteries and energy saving circuitry
- Receiver with elegant and robust metal housing, lens panel
- Transmitter with XLR connector
- Receiver with 3.5MM headphone jack

Main function

The system consists of a mini receiver and transmitter combination, and its main function and characteristics are described below:

- Among the band of 572.5-587.5MHz, you can preset 16 frequencies which can be arbitrary switching.
- With using advanced circuit design, clear the receiving blind angle to make the system's receiving signal steady. The system is strong resistance to fall because of the housing is made by tough metal material. It is the best choice of stage performance monitor product.

Main Technical Parameters:



This product adopts high integrated chip design, ID code pairing authentication.

Frequency range: 572.5-587.5MHz

Adjustable channels: 16 adjustable frequency points.

Channel interval: 0.5-2.5MHz modulation mode: digital modulation

Frequency Stability: ± 3 PPM Frequency Response: 40Hz-20KHz Operating

Battery: Charging time 3 hours, working time 6-8 hours

Range: 50-80M

Operating voltage: built-in 3.7V, 1000mAh lithium battery



Principales parámetros técnicos:

Este producto adopta un alto diseño de chip integrado, autenticación de emparejamiento de código de identificación.

Frecuencia range: 572.500-587.500MHz

Canales ajustables: 16 puntos de frecuencia ajustables.

Intervalo de canales: 0.5-2.5MHz Modo de modulación: modulación digital

Estabilidad de frecuencia: ± 3 PPM Respuesta de

frecuencia: 40Hz-20KHz Rango de operación: 50-80M

Tensión de funcionamiento: batería de litio integrada de 3,7 V y 1000 mAh



Principaux paramètres techniques :

Ce produit adopte une conception de puce hautement intégrée, une authentification par couplage de code d'identification.

Frecuencia range: 572.500-587.500MHz

Canaux réglables : 16 points de fréquence réglables.

Intervalle entre les canaux : 0,5-2,5MHz Mode de modulation : modulation numérique

Stabilité de la fréquence: ± 3 PPM Réponse en

fréquence: 40Hz-20KHz Plage de

fonctionnement: 50-80M

Tension de fonctionnement : pile au lithium intégrée de 3,7V, 1000mAh



Parametri tecnici principali:

Questo prodotto adotta l'alta progettazione integrata del chip, l'autenticazione dell'accoppiamento del codice ID.

Frecuencia range: 572.500-587.500MHz

Canali regolabili: 16 punti di frequenza regolabili.

Intervallo dei canali: 0,5-2,5MHz Modalità di modulazione: modulazione digitale

Stabilità di frequenza: ± 3 PPM Risposta di

frecuencia: 40Hz-20KHz Campo di funzionamento: 50-80M

Tensione di funzionamento: batteria al litio

integrata da 3,7V, 1000mAh



Wichtigste technische Parameter:

Dieses Produkt nimmt hoch integrierte

Chip-Design, ID-Code Paarung Authentifizierung.

Frecuencia range: 572.500-587.500MHz

Einstellbare Kanäle: 16 einstellbare

Frequenzpunkte.

Kanalintervall: 0.5-2.5MHz Modulationsmo-

du: digitale Modulation

Frequenzstabilität: ± 3 PPM

Frequenzgang: 40Hz-20KHz Betriebsbere-

ich: 50-80M

Betriebsspannung: eingebaute 3.7V, 1000mAh

Lithium-Batterie



Hlavní technické parametry:

Tento výrobek využívá vysoce integrovaný čip, párování ID kódu a ověřování.

Frecuencia range: 572.500-587.500MHz

Nastavitelné kanály: 16 nastavitelných frekvencních bodů.

Interval kanálů: 0,5-2,5 MHz Režim modulace: digitální modulace.

Frekvenční stabilita: ± 3 PPM Frekvenční odezva:

40Hz-20KHz Pracovní rozsah: 50-80M

Provozní napětí: vestavěná lithiová baterie 3,7 V, 1000 mAh



主な技術パラメーター

このプロダクトは高い統合された破片の設計、IDコードの組み合わせる証明を採用します。

Frecuencia range: 572.500-587.500MHz

調節可能なチャネル: 16の調節可能な頻度ポイント。チャネル間隔: 0.5-2.5MHz 変調モード: デジタル変調

周波数安定度: ± 3 PPM 周波数応答: 40Hz-20KHz 動作範囲: 50-80M

動作電圧: 内蔵3.7V、1000mAhリチウム電池



Główne parametry techniczne:

Ten produkt przyjmuje wysoką zintegrowaną konstrukcję chipa, uwierzytelnianie parowania kodu identyfikacyjnego.

Frequency range: 572.500-587.500MHz

Regulowane kanały: 16 regulowanych punktów częstotliwości.

Interwał kanału: 0,5-2,5 MHz Tryb modulacji: modulacja cyfrowa

Stabilność częstotliwości: ±3PPM Pasmo

przenoszenia: 40Hz-20KHz Zakres pracy: 50-80M

Napięcie robocze: wbudowana bateria litowa 3,7 V, 1000 mAh



Κύριες τεχνικές παράμετροι:

Αυτό το προϊόν υιοθετεί υψηλό ολοκληρωμένο σχεδιασμό τύπου πιστοποίησης ταυτότητας κωδικού ταυτότητας.

Frequency range: 572.500-587.500MHz

Ρυθμιζόμενα κανάλια: 16 ρυθμιζόμενα σημεία συχνότητας.

Διάστημα καναλιών: 0,5-2,5MHz Τρόπος διαμόρφωσης: ψηφιακή διαμόρφωση.

Σταθερότητα συχνότητας: ±3PPM Απόκριση συχνότητας: 40Hz-20KHz Εύρος λειτουργίας: 50-80M

Τάση λειτουργίας: ενσωματωμένη μπαταρία λιθίου 3,7V, 1000mAh



Belangrijkste technische parameters:

Dit product keurt hoog geïntegreerd spaanderontwerp, de authenticatie van het ID-code in paren rangschikken goed.

Frequency range: 572.500-587.500MHz

Regelbare kanalen: 16 regelbare frequentiepunten.

Kanaalinterval: 0.5-2.5MHz-modulatiewijze: digitale modulatie

Frequentiestabiliteit: ±3PPM Frequentierespons: 40Hz-20KHz Werkbereik: 50-80M

Bedrijfsspanning: ingebouwde 3.7V, 1000mAh lithium batterij



Vigtigste tekniske parametre:

Dette produkt vedtager højt integreret chipdesign, ID-kodeparringsgodkendelse.

Frequency range: 572.500-587.500MHz

Justerbare kanaler: 16 justerbare frekvenspunkter.

Kanalinterval: 0,5-2,5MHz modulationstilstand: digital modulation

Frekvensstabilitet: ±3PPM

Frekvensrespons: 40Hz-20KHz

Driftsområde: 50-80M

Driftsspænding: indbygget 3,7V, 1000mAh litiumbatteri



Fő műszaki paraméterek:

Ez a termék magas integrált chiptervezést, ID-kód párosítás hitelesítését alkalmazza.

Frequency range: 572.500-587.500MHz

Állítható csatornák: 16 állítható frekvenciapont.

Csatorna intervallum: 0,5-2,5MHz modulációs mód: digitális moduláció.

Frekvenciastabilitás: ±3PPM

Frekvenciaválasz: 40Hz-20KHz Működési

tartomány: 50-80M

Működési feszültség: beépített 3,7V, 1000mAh lítium akkumulátor



Huvudsakliga tekniska parametrar:

Denna produkt antar hög integrerad chipdesign, ID-kodparningsautentisering.

Frequency range: 572.500-587.500MHz

Justerbara kanaler: 16 justerbara frekvenspunkter.

Kanalintervall: 0,5-2,5MHz modulationsläge: digital modulation

Frekvensstabilitet: ±3PPM Frekvenssvar: 40Hz-20KHz Driftområde: 50-80M

Driftspänning: inbyggd 3,7V, 1000mAh litiumbatteri

Instructions for use of the transmitter



- (1) Power switch**
- (2) Charging port**
- (3) FM key**
- (4) Input switching key**
- (5) OLCD display**
- (6) Three-core XLR connector**

- A. Turn on the key, long press 1 second to turn on the power, long press 1 second to turn off the power
- B. Long press MIC to switch LINE mode.

This machine has been paired with a good authentication code before leaving the factory, if the frequency is confused in the process of sales or use, just re-code the transmitter receiver to continue to use.



- (1) Interruptor de alimentación
- (2) Conector de carga
- (3) Tecla FM
- (4) Tecla de conmutación de entrada
- (5) Pantalla OLCD
- (6) Conector XLR de tres hilos



- (1) Interruttore di alimentazione
- (2) Connettore di ricarica
- (3) Tasto FM
- (4) Tasto di commutazione degli ingressi
- (5) Display OLCD
- (6) Connettore XLR a tre fili



- (1) Interrupteur d'alimentation
- (2) Connecteur de charge
- (3) Touche FM
- (4) Touche de commutation d'entrée
- (5) Écran OLCD
- (6) Connecteur XLR à trois fils



- (1) Netzschalter
- (2) Ladeanschluss
- (3) FM-Taste
- (4) Eingangsumschalttaste
- (5) OLCD-Anzeige
- (6) Dreiadriger XLR-Anschluss



- (1) Przełącznik zasilania
- (2) Złącze ładowania
- (3) Przycisk FM
- (4) Przycisk przełączania wejść
- (5) Wyświetlacz OLCD
- (6) Trójżyłowe złącze XLR



- (1) Tápkapcsoló
- (2) töltőcsatlakozó
- (3) FM gomb
- (4) Bemenetkapcsoló gomb
- (5) OLCD kijelző
- (6) Háromvezetékű XLR csatlakozó



- (1) 電源スイッチ
- (2) 充電コネクタ
- (3) FMキー
- (4) 入力切替キー
- (5) OLCDディスプレイ
- (6) 3芯XLRコネクター



- (1) Strømafbryder
- (2) Opladningsstik
- (3) FM-tast
- (4) Tast til skift af indgang
- (5) OLCD-display
- (6) XLR-stik med tre kerner



- (1) Aan/uit-schakelaar
- (2) Oplaadconnector
- (3) FM-toets
- (4) Ingangsschakeltoets
- (5) OLCD-scherm
- (6) Drieaderige XLR-aansluiting



- (1) Vypínač napájení
- (2) Nabíjecí konektor
- (3) Tlačítko FM
- (4) Tlačítko přepínání vstupů
- (5) Displej OLCD
- (6) Třížilový konektor XLR

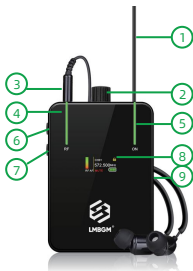


- (1) Διακόπτης ισχύος
- (2) Σύνδεσμος φόρτισης
- (3) Πλήκτρο FM
- (4) Πλήκτρο μεταγωγής εισόδου
- (5) Οθόνη OLCD
- (6) Υποδοχή XLR τριών πυρήνων

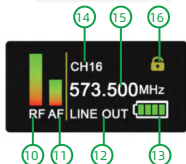


- (1) Strömbrytare
- (2) Laddningskontakt
- (3) FM-nyckel
- (4) Knapp för växling av ingång
- (5) OLCD-display
- (6) XLR-kontakt med tre kärnor

Instructions for use of the Receiver



- (1)Antenna
- (2)Power switch,
volume up/down
- (3)Headphone jack
- (4)Signal light
- (5)Power light
- (6)Menu key
- (7)Setting key
- (8)OLCD Display
- (9)Charging port



- (10)Receive signal
- (11)Volume display
- (12)LINE/MIC
- (13)Battery level
- (14)channel display
- (15)Channel
- (16)Lock/Unlock



- (1)Antena
- (2)Interruptor de encendido,
subir/bajar volumen
- (3)Toma de auriculares
- (4)Luz de señal
- (5)Luz de encendido
- (6)Tecla Menú
- (7)Tecla de ajuste
- (8)Pantalla OLCD
- (9)Puerto de carga
- (10)Señal de recepción
- (11)Indicador de volumen
- (12)LINEA/MIC
- (13)Nivel de batería
- (14)Indicación de canal
- (15)Canal
- (16)Bloquear/Desbloquear



- (1)Antenna
- (2) Interruttore di
alimentazione, volume
su/giù
- (3) Presa per le cuffie
- (4) Spia del segnale
- (5)Spia di alimentazione
- (6)Tasto menu
- (7)Tasto di impostazione
- (8)Display OLCD
- (9)Porta di ricarica
- (10)Segnale di ricezione
- (11)Display del volume
- (12)LINEA/MIC
- (13)Livello batteria
- (14) Visualizzazione del
canale
- (15)Canale
- (16)Blocco/sblocco



- (1)Antenne
- (2)Interrupteur d'alimentation,
volume haut/bas
- (3)Prise casque
- (4)Témoin lumineux
- (5)Voyant d'alimentation
- (6)Touche de menu
- (7)Touche de réglage
- (8)Écran OLCD
- (9)Port de charge
- (10)Signal de réception
- (11)Affichage du volume
- (12)LIGNE/MIC
- (13)Niveau de batterie
- (14)Affichage du canal
- (15)Canal
- (16)Verrouillage/déverrouillage



- (1) Antenne
- (2) Netzschalter, Lautstärke auf/ab
- (3) Kopfhörerbuchse
- (4) Signalleuchte
- (5) Betriebsleuchte
- (6) Menüaste
- (7) Einstellungstaste
- (8) OLCD-Anzeige
- (9) Ladeanschluss
- (10) Empfangssignal
- (11) Lautstärkeanzeige
- (12) LINE/MIC
- (13) Batteriestand
- (14) Kanalanzeige
- (15) Kanal
- (16) Sperrern/Entsperren



- (1) アンテナ
- (2) 電源スイッチ、ボリュームアップ/ダウン
- (3) ヘッドホンジャック
- (4) 信号灯
- (5) 電源ランプ
- (6) メニューキー
- (7) 設定キー
- (8) OLCDディスプレイ
- (9) 充電港
- (10) 受信信号
- (11) 音量表示
- (12) LINE/マイク
- (13) バッテリー残量
- (14) チャンネル表示
- (15) チャンネル
- (16) ロック/ロック解除



- (1) Anténa
- (2) Vypínač napájení, zvýšení/snížení hlasitosti
- (3) Konektor pro sluchátka
- (4) Kontrolka signálu
- (5) Kontrolka napájení
- (6) Tlačítko nabídky
- (7) Tlačítko nastavení
- (8) Displej OLCD
- (9) Nabíjecí port
- (10) Přijem signálu
- (11) Displej hlasitosti
- (12) LINE/MIC
- (13) Úroveň nabití baterie
- (14) Zobrazení kanálu
- (15) Kanál
- (16) Zámek/odemknutí



- (1) Antena
- (2) Przełącznik zasilania, zwiększanie/zmniejszanie głośności
- (3) Gniazdo słuchawkowe
- (4) Kontrolka sygnału
- (5) Kontrolka zasilania
- (6) Przycisk menu
- (7) Przycisk ustawień
- (8) Wyświetlacz OLCD
- (9) Port ładowania
- (10) Sygnał odbioru
- (11) Wskaźnik głośności
- (12) LINE/MIC
- (13) Poziom naładowania baterii
- (14) Wyświetlanie kanału
- (15) Kanał
- (16) Blokada/Odblokowanie



- (1) Antenne
- (2) Tænd/sluk-knap, lydstyrke op/ned
- (3) Stik til hovedtelefoner
- (4) Signallampe
- (5) Tænd/sluk-lys
- (6) Menu-tast
- (7) Indstillingstast
- (8) OLCD-skærm
- (9) Opladningsport
- (10) Modtag signal
- (11) Display for lydstyrke
- (12) LINE/MIC
- (13) Batteriniveau
- (14) Kanalvisning
- (15) Kanal
- (16) Lås/oplås



- (1) Κεραία
- (2) Διακόπτης τροφοδοσίας, ένταση ήχου πάνω/κάτω
- (3) Υποδοχή ακουστικών
- (4) Φωτεινή ένδειξη σήματος
- (5) Φωτεινή ένδειξη ισχύος
- (6) Πλήκτρο μενού
- (7) Πλήκτρο ρύθμισης
- (8) Οθόνη OLCD
- (9) Θύρα φόρτισης
- (10) Σήμα λήψης
- (11) Ένδειξη έντασης ήχου
- (12) LINE/MIC
- (13) Επίπεδο μπαταρίας
- (14) Ένδειξη καναλιού
- (15) Κανάλι
- (16) Κλειδωμά/εξκλειδωμά



- (1) Antenna
- (2) Tápkapcsoló, hangerő fel/le kapcsoló
- (3) Fejhallgató csatlakozó
- (4) Jélzőfény
- (5) Tápjelző lámpa
- (6) Menü gomb
- (7) Beállító gomb
- (8) OLCD kijelző
- (9) Töltőport
- (10) Vételi jel
- (11) Hangerő kijelző
- (12) LINE/MIC
- (13) Akkumulátor szint
- (14) csatornakijelző
- (15) Csatorna
- (16) Zárolás/feloldás



- (1) Antenne
- (2) Aan/uit-schakelaar, volume omhoog/omlaag
- (3) Hoofdtelefoonaansluiting
- (4) Signaallampje
- (5) Aan/uit-lampje
- (6) Menu-toets
- (7) Instellingstoets
- (8) OLCD-scherm
- (9) Oplaadpoort
- (10) Signaal ontvangen
- (11) Volumeweergave
- (12) LINE/MIC
- (13) Batterijniveau
- (14) Kanaalweergave
- (15) Kanaal
- (16) Vergrendelen/ontgrendelen



- (1) Antenn
- (2) Strömbrytare, volym upp/ner
- (3) Uttag för hörlurar
- (4) Signallampa
- (5) Strömlampa
- (6) Menyknapp
- (7) Inställningsknapp
- (8) OLCD-skärm
- (9) Port för laddning
- (10) Mottagningsignal
- (11) Volymdisplay
- (12) LINE/MIC
- (13) Batterinivå
- (14) Kanalvisning
- (15) Kanal
- (16) Lås/upplås

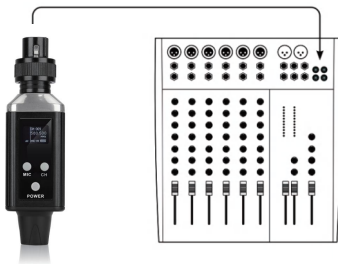
Connection Guide

Plug headphones into the receiver



Connect the transmitter to the mixer output connector

The transmitter is suitable for audio equipment such as mixers, amplifiers, microphones, speakers, sound cards, electric guitars, etc.



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

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.

Warning: changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment

The device has been evaluated to meet general RF exposure requirement, the device can be used in portable exposure condition without restriction

Test mode	Channel	Frequency (MHz)	Cable loss (dB)	Peak Output Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	Verdict
Channel	Low	572.50	1.0	7.62	0	7.62	16.99	PASS
	Middle	580.50	1.0	7.55	0	7.55		
	High	587.50	1.0	7.44	0	7.44		

Ant.	Antenna Brand	Antenna Model Name	Antenna Type	Connector	Gain (dBi)	NOTE
1	N/A	N/A	Spring antenna	N/A	0	Antenna

