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Instagram

Tested To Comply With FCC Standards

RoHS

Debra PROFESSIONAL AUDIO ST-102

STEREO
WIRELESS IEM SYSTEM

USER MANUAL

Please follow the instruction manual to use this product,
thank you for your understanding

D Debra Audio ST-102 is a professional stereo in-ear wireless monitoring system developed by our team for two years. It uses a new digital PLL frequency synthesis circuit design, and uses UHF signal transmission to make the system run more efficiently and stably. After two years of debugging, the system has clear sound and ultra-low white noise, making it suitable for more places, such as high-end recording equipment. In terms of function, we have set up a switch between mono and stereo, allowing you to adapt to different uses and scenarios according to your needs.

ST-102 is equipped with Bluetooth 5.0 function that can be turned on and off, which can realize almost lossless wireless music transmission within the effective range, making audio playback more convenient. Performance-wise, the ultra-wide frequency range makes the ST-102 the perfect choice as a wireless monitoring IEM system for stage performances, studio or band performances. Super high cost performance, whether it is entry-level or professional, it is the best choice.

⚠ WARNING!

LISTENING TO AUDIO AT EXCESSIVE VOLUMES CAN CAUSE PERMANENT HEARING DAMAGE.
USE AS LOW A VOLUME AS POSSIBLE.
Over exposure to excessive sound levels can damage your ears resulting in permanent noise induced hearing loss (NIHL). Please use the following guidelines established by the Occupational,
Safety Health Administration (OSHA) on maximum time exposure to sound pressure levels before.

ST-102 | STEREO WIRELESS IEM SYSTEM
PRODUCT FEATURES AND FUNCTIONS INTRODUCTION

Features:
1. True stereo wireless in-ear monitoring, mono switching.
2. Bluetooth 5.0 lossless music transmission, high sound reproduction.
3. High-performance digital chip high-fidelity sound, ultra-low background noise.
4. UHF transmission, 80m range use, open environment up to 300m.
5. Transmitter with multifunctional LCD digital display.
6. Portable and lightweight receiver with 2 output interfaces (3.5mm).
7. Interface with multiple input modes (LKR/6.35/3.5mm).

Características:
1. Monitoreo en oído inalámbrico estéreo verdadero, conmutación mono.
2. Transmisión de música sin pérdidas Bluetooth 5.0, alta reproducción de sonido.
3. Sonido de alta fidelidad con chip digital de alto rendimiento, poco de ruido ultra bajo.
4. Transmisión UHF, uso de rango de 80 m, entorno abierto hasta 300 m.
5. Transmisor con pantalla digital LCD multifuncional.
6. Receptor portátil y ligero con 2 interfaces de salida (3.5 mm).
7. Interfaz con múltiples modos de entrada (LKR/6.35/3.5mm).

Merkmale:
1. Echtes kabelloses Stereo-In-Ear-Monitoring, Mono-Umschaltung.
2. Bluetooth 5.0 Überträgt Musik verlustfrei und mit hoher Klangwiedergabe.
3. Hochleistungs-Digitalchip mit Hi-Fi-Sound und extrem geringem Rauschen.
4. UHF-Übertragung, 80 m Reichweite, offene Umgebung bis zu 300 m.
5. Sender mit multifunktionaler LCD-Digitalanzeige.
6. Tragbarer und leichter Empfänger mit 2 Ausgangsschnittstellen (3,5 mm).
7. Schnittstelle mit mehreren Eingabemodi (LKR/6.35/3.5 mm).

Caractéristiques:
1. Véritable surveillance intra-auriculaire sans fil stéréo, commutation mono.
2. Bluetooth 5.0 transmet la musique sans perte, avec un degré élevé de reproduction sonore.
3. Puce numérique haute performance avec un son haute fidélité et un bruit ultra-faible.
4. Transmission UHF, portée de 80 m, environnement ouvert jusqu'à 300 m.
5. Transmetteur avec affichage numérique LCD multifonctionnel.
6. Récepteur portable et léger avec 2 interfaces de sortie (3,5 mm).
7. Interface avec plusieurs modes d'entrée (LKR/6.35/3.5 mm).

WIRELESS STEREO SYSTEM TECHNICAL PARAMETERS:
Carrier frequency range: 560-590MHz/640-664.75MHz
Audio sampling depth: 24bit, 44.1k
Signal delay: 7ms
Number of wireless channels: 100
Modulation method: GFSK
Audio Frequency Response: 20~18000 Hz
Comprehensive THD: <0.1%
Separation: 75dB
Audio SNR: 85dB
Dynamic range: 95dB
Effective use distance: 80 meters (open environment)

TRANSMITTER TECHNICAL PARAMETERS:
Frequency error: <±15ppm
Transmission power: 10mW
Use current: 160mA
Power supply mode: 12V 500mA
Audio input: 3.5mm/6.5mm/XLR

RECEIVER TECHNICAL PARAMETERS:
Frequency error: <±15ppm
Receiving sensitivity: <-95dBm
Power supply mode: 2xAA batteries
Use current: 130mA
Audio output: 1 stereo headphone output, 1 audio output

STEREO WIRELESS IEM SYSTEM ST-102
PRODUCT FEATURES AND FUNCTIONS INTRODUCTION

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Debra
STEREO WIRELESS IEM SYSTEM
ST-102
SET
VOL
BT
POWER
MIX
MONO
STEREO
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VOL
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POWER
MIC
LINE
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