



USER MANUAL

PROFESSIONAL WIRELESS MICROPHONE

Model: **MK-3500**



Please read this user manual carefully before using this product, keep it for further reference

Product parts and components

All systems include



DT-22 Receiver



Receiver's Antenna x 4



Quarter Inch Audio Cable x 2



Power Adapter



Handheld Transmitter



The iron bar begins to record the
Microphone into the Cabinet x 2

Technical Data

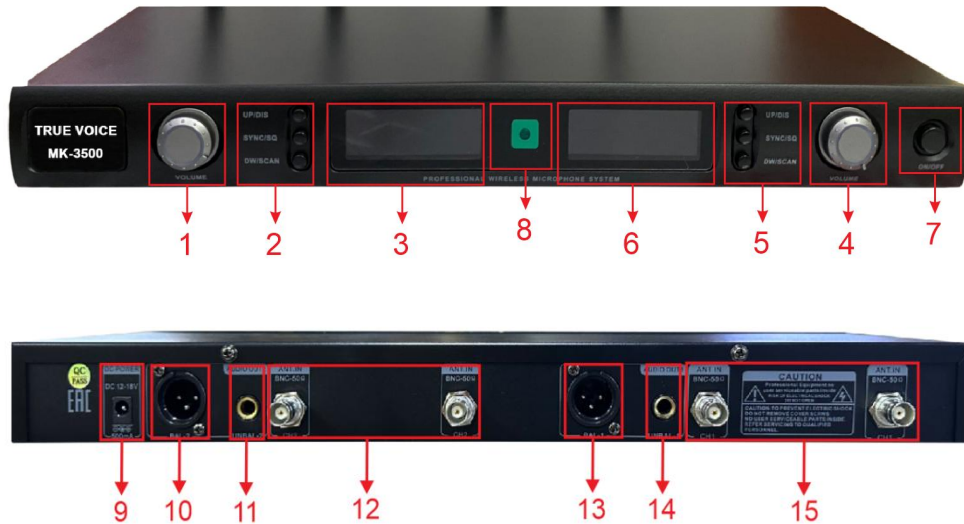
Receiver

Channel	Dual channel
Frequency range	600-900 MHZ
Modulation	FM
Adjustable channels	208 channels
Oscillation mode	Synthetic PLL
Channel space	250 Khz
Frequency response	40Hz ~ 20KHz
Sensitivity	102 dBm
Peak deviation	± 55KHz
S/N ratio	> 105dB (A)
Dynamic range	> 101dB
Power source	12V ~ 18V DC /500mA
Output connectors	Balanced and unbalanced 2 x XLR , 2 x TRS
Receiver's Antenna	4 x BNC + 4 Antenna
Screen	LCD blue black light
Operating distance	200 ~ 300 M
Dimensions	D 420 x W 132 x H 42 mm
Weight	1.4 kg

Handheld microphone

Frequency range	UHF 600-900 MHZ
Bandwidth	40Hz ~ 20KHz
Output capacity	10 - 30 MW
Battery	2 x 1.5V AA
Power life	8 ~ 20 hours

Button of front panel and interface of rear panel for Receiver



1. CH-1 volume adjustor
2. DW/SCAN, SYNC/SQ, UP/DIS buttons of CH-1
3. Programmable display of CH-1
4. CH-2 volume adjustor
5. DW/SCAN, SYNC/SQ, UP/DIS buttons of CH-2
6. Programmable display of CH-2
7. Power ON / OFF switch
8. Infrared (IR) port

Broadcasts IR signal to transmitter to synchronize frequencies

9. Power jack
10. CH-2 balanced output connector
11. CH-2 mixed output connector
12. CH-2 receiver antenna
13. CH-1 balanced output connector
14. CH-1 mixed output connector
15. CH-1 receiver antenna

Handheld Transmitter



1. Grille
2. LCD screen
3. IR port (Receives infrared beam to synchronize frequencies)
4. On / Off switch (Press and hold to turn on or off. Press and release to display channel or frequency)
5. The battery cover

System Installation And Manipulation (Receiver)

For a perfect receive consequence, the receiver should be installed at the place of at least 1m above the ground. The audio head should not face on the loudspeaker close at hand. It is necessary to use the system in different carrier frequency and products from the same manufacturer. When there are several instruments equipped in one case, utilize of external high-gain antenna + signal distributor to enlarge the range of utilization and save space would be a first priority.

Put the receiver in a stable place connect the antenna, balanced cable AF line, adaptor power line provided by the manufacturer. Connect the other end of the balanced cable to the balanced input joint of audio adjustment table. Pull out the antenna thoroughly vertical to the ground level.

Apply the voltage adaptor to the socket, switch on the receiver power, while the receiver in stand-by, turn on the power of rear and fore end instrument of the audio amplification system.

The firstly, hold the power button down until the programmable display light up (> 3 seconds)

You can change the receiver channel setting, SQ setting, SCAN setting, SYNC setting. The following paragraphs present instructions for programming each display function.

Changing Receiver Channel Settings

Press the UP/DIS button or the DW/SCAN button, frequency and channel will change automatically.

Changing Receiver SQ (Squelch) Settings

Press the SYNC/SQ button (more than 5 seconds), SQ starts flashing

Press the UP/DIS button or the DW/SCAN button, squelch will change automatically and flashing. When the new squelch has been completely entered, the settings is completed.

Changing Receiver SCAN Settings

Press the DW/SCAN button (more than 3 seconds), the frequency and the channel will change automatically until a new frequency and channel display appears, find the best channel settings for a particular installation.

Changing Receiver SYNC Settings

Turn On the transmitter, with the IR port exposed to the receiver IR port, press SYNC/SQ button, IR--- starts flashing, hold the transmitter until th receiver RF signal is lighted up, the system is ready for use.

Preface

Thanks for purchasing this product. Please read this instruction carefully before using the system so that you make sure in detail by the numbers how to install, operate and safeguard the system. Now that the system is a higt precision and high frequency electronic product, our corparation is not responsible for and error in operating, Please store the instruction in a safe place after reading as a reference in the future.

The UHF Wireless microphone system is a frequency-agile system operating in the UHF band. Both the receiver and the transmitter are synthesizer controlled via Phase Locked Loop (PLL) circuitry for clear, steady radio frequency (RF) signal.

The UHF Wireless systems offer many exceptional features, including :

Menu Driven Display

User-programmable receiver display shows Channel, Frequency, Tune, display and Locked/ Unlocked status.

Noise Squelch Circuitry

Analyzes signal quality instead of signal strength. This virtually eliminates the possibility of annoying noise bursts coming through your receiver.

Dual RF Level Meters

The dual meters indicate receiver signal strength of antenna, and make it easier to identify and troubleshoot dead spots.

Audio Metering

Each receiver includes a eight segment audio meter that lets you monitor audio level and helps optimize transmitter gain setting.

Transmitter Display

Shows Channel, Frequency, Battery Power level, Both displays are user programmable.

DC/ DC Converter

Ensures consistent audio and RF performance, even if battery voltages change.