

OPERATION MANUAL

PROFESSIONAL UHF WIRELESS HEADSET SYSTEM

MHU-HEADSET





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DELIVERING TECHNOLOGY

The Blastking MHU-HEADSET is a professional UHF wireless headset system designed for versatile use with audio equipment such as PA systems, mobile devices, mixers, and more. Featuring a convenient 6.5mm plug, rechargeable batteries, and interference-free operation across multiple systems, this high-performance solution is ideal for tour guides, instructors, presenters, and event professionals.

Key Features

- Digital LED display
- Rechargeable lithium battery (Type-C charging)
- Up to 10 switchable UHF frequencies
- Works with multiple systems simultaneously
- Stable signal with clear, loud audio
- 5-hour continuous working time
- Compact, lightweight, and portable
- Ideal for tour guides, gym instructors, presenters, and conferences

Package Contents

Wireless Transmitter (Headset Microphone)
Wireless Receiver
USB Type-C Charging Cable
User Manual
Durable Plastic Carrying Box

Technical Specifications

Transmitter (Headset Microphone)	
Parameter	Value
Battery	3.7V / 1200mAh Lithium
Charging Voltage	5V \pm 0.25V (Type-C)
Working Current	89mA \pm 5mA
Frequency Band	600MHz – 690MHz
Frequency Response	150Hz – 10kHz
Usable Frequency Points	10 UHF frequencies
Usage Time	Up to 10 hours

Receiver	
Parameter	Value
Battery	3.7V / 500mAh Lithium
Charging Voltage	5V \pm 0.25V (Type-C)
Working Current	89mA
Standby Current	45 μ A
Frequency Band	600MHz – 690MHz
Transmission Power	10dBm
Usage Time	Up to 5 hours



Getting Started

Powering On

The system is factory-paired and ready for use:

1. Turn on both the transmitter (headset) and receiver.
2. When all three lights are solid — microphone power, receiver power, and receiver signal — the system is connected and ready.

A solid light means the transmitter and receiver are properly paired and operating.

Charging Instructions

Charging: Red LED On

Fully Charged: Red LED Off

- Use a 5V USB Type-C charger (500mA to 1A recommended).
- Charging Time: Approximately 2 hours.
- Unplug once fully charged to preserve battery life.

Volume Adjustment

- Use the “+” or “-” buttons on the headset to increase or decrease microphone output level.

Re-Pairing Instructions

If signal interference occurs or if multiple units are used simultaneously, follow these steps to re-pair:

1. Turn on the transmitter (microphone).
2. Long press the M button on the microphone until the green LED flashes.
3. While the green light is flashing, turn on the receiver.
4. The receiver's red signal light will flash 3 times and turn off.
5. Quickly press the M button once to confirm pairing.
6. Once both LEDs (green on mic, red on receiver) stay solid, pairing is complete.

Changing Frequencies

To switch to a different frequency (to avoid noise or interference):

- Short press the M button on the microphone.
- The system will jump to the next available UHF channel (10 total frequency points).



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LED Status Indicators

Component	Status	LED Indicator
Microphone	Power On	Green Light Solid
Microphone	Pairing Mode	Green Light Flashing
Receiver	Power On	Red Light Solid
Receiver	Charging	Red Light On
Receiver	Fully Charged	Red Light Off

Safety Precautions

- When power or signal lights flash slowly, charge the device before use.
- If unused for long periods, charge the battery for at least 5 minutes before use.
- Only use a DC 5V 500mA – 1A charger.
- Avoid exposure to water, fire, or high heat.
- Keep away from flammable or explosive materials during charging.
- Unplug the charger immediately once charging is complete.

Support & Warranty

For support, warranty claims, or additional product information, please visit:
www.blastkingusa.com or contact our customer service team.

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OTHER PRODUCTS IN THIS SERIES

MHU-IE4

QUAD UHF WIRELESS IN-EAR MONITOR SYSTEM

RACK MOUNT



Includes:

Receiver, (4) UHF Antennas, (4) Body Pack Receivers, (4) Earphones with Carrying Case, 100-240V AC Power Adapter, Plastic Carrying Case and Batteries

MHU-IE2

DUAL UHF WIRELESS IN-EAR MONITOR SYSTEM



Includes:

Receiver, (2) UHF Antennas, (2) Body Pack Receivers, (2) Earphones with Carrying Case, 100-240V AC Power Adapter, Plastic Carrying Case and Batteries

MHU404

FOUR HANDHELD UHF WIRELESS MICROPHONE SYSTEM

RACK MOUNT



Includes:

Receiver, (4) UHF Antennas, (4) Wireless Microphone, (4) Rings, 100-240V AC Power Adapter, Plastic Carrying Case and Batteries

MHU402R

DUAL HANDHELD UHF WIRELESS MICROPHONE SYSTEM

RACK MOUNT



Includes:

Receiver, (2) UHF Antennas, (2) Wireless Microphone, (2) Rings, 100-240V AC Power Adapter, Plastic Carrying Case and Batteries

MHU402MHL

DUAL UHF COMBO WIRELESS MICROPHONE SYSTEM



Includes:

Receiver, (1) Handheld Microphone, Bodypack Transmitter, Headset and Lavalier Microphone, Power Adapter, Plastic Carrying Case

MHU402

DUAL HANDHELD UHF DSP WIRELESS MICROPHONE SYSTEM



Includes:

Receiver, (2) Handheld Microphone, Power Adapter, Plastic Carrying Case



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OTHER PRODUCTS IN THIS SERIES

MHU301

UHF DSP WIRELESS MICROPHONE SYSTEM



Includes:
Receiver, (1) Handheld Microphone, Power Adapter,
Plastic Carrying Case

MHU-IEP1

PASSIVE PERSONAL IN-EAR MONITOR BELT-PACK SYSTEM



Volume Control Knob
Locking XLR Input
3.5mm Phone Jack
Belt Clip
Lightweight and ultra-easy to use

MHU-IEPIA

ACTIVE PERSONAL IN-EAR MONITOR AMPLIFIER



Volume Control & On/Off Knob
Locking Combo XLR Input & 1/4" Jack
Mono - Stereo Switch
3.5mm Phone Jack & 1/8" TRS Stereo Output
Heavy Duty Belt Clip, Battery LED Indicator
Lightweight and ultra-easy to use



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