

UHF Wireless Microphone (HM500H & HM5002L)

HM500H



Two hand microphone or headbands, distance:50-100metre
Size: 421*45*200mm Weight: 4kg
Dual channel - Diversity microphones

Safety Precautions:

1. Be sure to read the instructions in this section carefully before use.
2. Make sure to observe the instructions in this manual as the conventions of safety symbols and messages regarded as very important precautions are included.
3. We also recommend you keep this instruction manual handy for future reference. Safety Symbol and Message Conventions Safety symbols and messages described below are used in this manual to prevent bodily injury and property damage which could result from mishandling. Before operating your product, read this manual first and understand the safety symbols and messages so you are thoroughly aware of the potential safety hazards.

When Installing the receiver

1. Do not expose the unit to rain or an environment where it may be splashed by water or other liquids, as doing so may result in fire or electric shock.
2. Use the unit only with the voltage specified on the unit. Using a voltage higher than that which is specified may result in fire or electric shock.
3. Do not cut, kink, otherwise damage nor modify the power supply cord. In addition, avoid using the power cord in close proximity to heaters, and never place heavy objects -- including the unit itself -- on the power cord, as doing so may result in fire or electric shock.
4. Avoid installing or mounting the unit in unstable locations, such as on a rickety table or a slanted surface. Doing so may result in the unit falling down and causing personal injury and/or property damage.
5. To prevent lightning strikes, install the unit at least five meters away from a lightning rod, and yet within the protective range (angle of 45°) of the lightning conductor. Lightning strikes may cause a fire, electric shock or personal injury.
6. Since the unit is designed for in-door use, do not install it outdoors. If installed outdoors, the aging of parts causes the unit to fall off, resulting in personal injury. Also, when it gets wet with rain, there is a danger of electric shock.

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When the receiver is in use

1. Should the following irregularity be found during use, immediately switch off the power, disconnect the power supply plug from the AC outlet and contact your nearest HEINRICH dealer. Make no further attempt to operate the unit in this condition as this may cause fire or electric shock.

- If you detect smoke or a strange smell coming from the unit. - If water or any metallic object gets into the unit - If the unit falls, or the unit case breaks.
- If the power supply cord is damaged (exposure of the core, disconnection, etc.)
- If it is malfunctioning (no tone sounds.)

2. Do not place cups, bowls, or other containers of liquid or metallic objects on top of the unit. If they accidentally spill into the unit, this may cause a fire or electric shock.

When the microphone or the transmitter is in use

1. To prevent the electromagnetic wave from badly influencing medical equipment, make sure to switch off the unit's power when placing it in close proximity to the medical equipment.

2. Do not touch the unit's antennas during thunder and lightning, as this may result in electric shock.

Receiver Parameter:

Oscillation	Quartz crystal
Receiver Frequency Range	UHF480MHz~900MHz
Frequency Stability	±0.001%
Max. deviation Range	±50KHz
Modulation Mode	FM
S/N Ratio	>120dB
T.H.D	<0.5%@1KHz
Sensitivity	>2mV/<100V for 12dB
Power Supply	DC:12V~17V
Audio Output	Free standing 0~400MV
Output Level	1.2V
Nominal Impedance	290ohms

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Shoot Machine Parameters:

Power Supply	DC 9V
Consume an electricity quantity	30mA
Carry a frequency	UHF 480MHz~900MHz
Frequency stability	±25KHz
S/N Ratio	>120dB
F/N Ratio	>80dB
Dynamic range	100dB
Transducer Type	Dynamic
Polar Pattern	Supercardioid
Frequency Response	35Hz~20KHz
Sensitivity	>2mV/<100V for 12dB
Load Impedance	1Kohms

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