

# UHF Wireless Microphone

HM600H



## DESCRIPTION:

Heinrich's HM600H UHF Wireless Microphone is designed for superior performance and reliability. Operating within a wide RF frequency range, it features dual receiving channels, making it versatile for various applications. It features a dynamic microphone with a UHF high band transmitter and a sensitive noise cancellation receiver.

The HM600H UHF Wireless microphones are widely employed in the entertainment industry, television broadcasting, and public speaking. It enables interviewers, performers, and entertainers to move about freely while utilizing a microphone to amplify their voices.

## FEATURES:

- **Wide RF Frequency Range:** Operates within 610-890 Mhz.
- **Dual Receive Channels:** Equipped with 2 receive channels for versatile use.
- **Extensive Channel Quantity:** Supports 200 channels, allowing extension to several simultaneous channels; hand-held channels are all-purpose.
- **Strong Anti-Jamming Ability:** Capable of using over 12 receivers simultaneously, up to 400 receivers can work concurrently without interference.
- **PLL Technology:** Ensures RF stability within  $\pm 100\text{Hz}$ .
- **Infrared Manual Frequency Setting:** Simplifies frequency adjustments.
- **Automatic Quiet/Noise Control:** Enhances audio clarity by managing noise levels automatically.
- **Mixed and Independent Outputs:** Provides 2-channel line mixed output and independent XLR output.
- **Informative LCD Display:** Shows channel information and battery capacity for user convenience.
- **Automatic Power Off:** Powers off when battery voltage drops below 1.8V to prevent malfunctions.
- **Comprehensive Channel Display:** Each channel's LCD shows frequency, channel, RF intensity, mute status, antenna polarization, and additional menu contents.
- **Manual Volume Adjustment:** Allows users to adjust the volume manually.
- **Durable Operating Conditions:** Functions effectively within  $-20^{\circ}\text{C}$  to  $60^{\circ}\text{C}$  and up to 95% relative humidity.
- **Extended Range Testing:** Achieves over 200 meters indoor and over 300 meters outdoor for superior performance in various environments.

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## PRODUCT ENCLOSURE:

- 2 pieces Hand-held Transmitters (or 1 piece Hand-held Waist Pack)
- 1 piece Receivers
- 2 pieces Antenna
- 1 Switch Power Supply of 110~220VAC/12VDC/1ADC

## SPECIFICATION:

Model	HM600H
Transmitters Work Frequency	610 ~ 890MHz
Transmitters RF Power Out	<20mW
RF Spurs	<-65dB
Transmitters Deviation	< $\pm 20 \sim 100$ KHz
Min Mute Sensitivity	-65dBm
Max Mute Sensitivity	-95dBm
Headroom	>15dB
S/N Ratio	>95dB
THD	<1%
Audio Output	Line 180mV, XLR 12mV (400Hz/20KHz)
Current Drain ON	120mAmin, 3VDC

**Disclaimer:** As per our company policy one of the constant product improvements the right is there for reserved to modify the product specification without prior notice and the picture shown in the datasheet is a design base, the actual picture may vary.