



DH-592C

Wired Chairman Unit



DESCRIPTION

The DH-592C Wired Chairman Unit is a high-performance conference microphone system designed to provide structured communication and efficient meeting control. Featuring a durable aluminum alloy microphone, it ensures reliable voice pickup with enhanced durability, making it suitable for long-term professional use.

The unit is equipped with a built-in speech timer, which automatically starts counting when the microphone is activated, allowing for better management of speaking time during discussions. This feature ensures that meetings remain well-structured and time-efficient in conference halls, boardrooms, and corporate environments.

For seamless usability, the DH-592C includes a red glowing LED ring on the button, providing real-time microphone status visibility, allowing participants to easily determine when the microphone is active. Additionally, it is equipped with three function buttons that enable users to modify time, date, and language settings, making it adaptable to different conference setups. The chairman priority override function allows the chairman to take control of discussions when necessary, ensuring smooth, uninterrupted communication and maintaining order in professional meetings.

FEATURES

Durable Aluminum Alloy Microphone

- High-quality aluminum alloy construction ensures long-lasting durability and reliable voice transmission.
- Provides consistent audio clarity while maintaining a lightweight and sturdy design for professional environments.

Integrated LED Status Indicator

- Features a red glowing LED ring on the button that provides real-time microphone activation status.
- Offers clear visual feedback, allowing participants to easily determine when the microphone is active.

Built-in Speech Timer

- Automatically starts counting when the microphone is activated, helping manage speaking time during discussions.
- Ensures efficient time management, making meetings more structured and organized.

Chairman Priority Override Function

- Allows the chairman to mute or take control over all delegate microphones, ensuring structured discussions.
- Ensures seamless moderation for efficient and controlled meeting management.

Seamless System Integration

- Fully compatible with the DH-590M Conference Control Unit for centralized microphone and discussion management.
- Supports hot-swappable connectivity, allowing microphones to be replaced or added without disrupting the system.

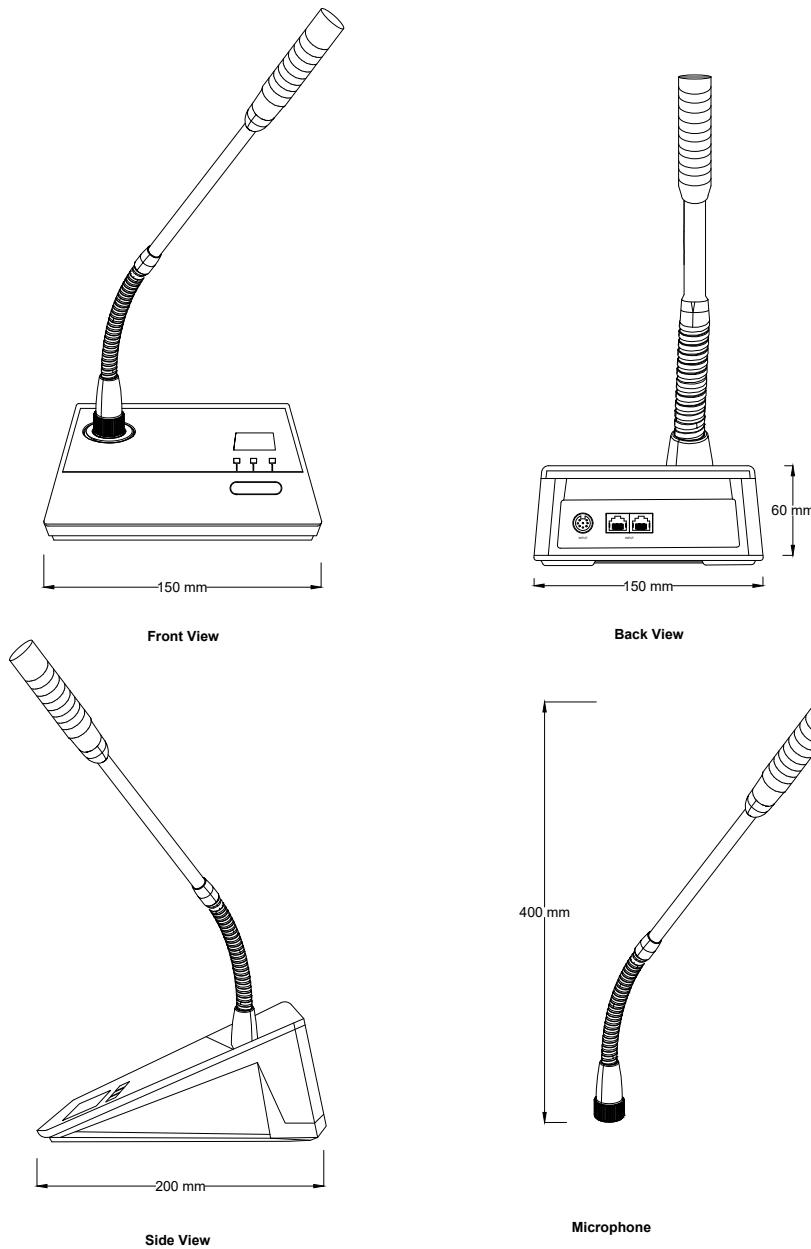


TECHNICAL SPECIFICATIONS

Model	DH-592C Wired Chairman Unit
Product Category	Wired Digital Chairman Conference Microphone Unit
System Type	Network-managed Chairman Control Microphone for Conference Discussion Systems
Microphone Capsule	High-precision electret condenser microphone for speech
Pickup Pattern	Cardioid directional microphone with front-focused voice capture
Frequency Response	80 Hz – 16 kHz optimized for conference speech clarity
Sensitivity	-45 dB ±3 dB (1 kHz reference)
Signal-to-Noise Ratio	≥ 70 dB for clean and noise-free voice
Equivalent Noise Level	≤ 20 dBA low-noise microphone electronics
Maximum Sound Pressure Level	≥ 120 dB SPL for loud and clear speech without distortion
Dynamic Range	≥ 90 dB wide dynamic range for natural voice reproduction
Total Harmonic Distortion	< 0.5% at normal operating level
Microphone Material	Anodized aluminum alloy microphone for durability
Gooseneck	Detachable flexible aluminum gooseneck microphone
Conference System Interface	8-core digital conference wiring with RJ45 connection
Hot-Plug Support	Live plug-and-play microphone connection without system restart
Chairman Priority Control	Built-in chairman override button to mute and control all delegate microphones
Speech Timer	Integrated speaking time counter for structured meeting control
Status Indicator	Red LED ring showing active microphone state
Control Keys	Three multifunction keys for time, date and language settings
RF & GSM Immunity	Advanced shielding against mobile phone interference
Power Supply	24 V DC from conference control unit
Power Consumption	≤ 1.5 W (energy-efficient operation)
Base Design	Anti-slip base with internal vibration and noise isolation
Operating Temperature	-10°C to +50°C
Storage Temperature	-20°C to +60°C
Humidity Tolerance	≤ 90% non-condensing
Supported Languages	-English, Simplified Chinese, Traditional Chinese
Physical Dimensions	200 × 150 × 60 mm
Net Weight	Approx. 1.2 kg
Recommended Use	Boardrooms, courtrooms, council chambers, government halls, corporate meeting rooms
Warranty	3-year standard, extendable up to 5 years



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