

APPLICATION TECH NOTE

PRODUCTS SUPPORTED:
**WS800 and DIALOG® 20 Handheld Wireless
Microphone / Transmitter Models**
H-18, OM3, OM5

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Using the ClearOne Handheld Microphone

Using the Handheld Microphone:

OVERVIEW

When using the ClearOne Handheld Microphone, DO NOT cover the antenna shroud with your hand. If the antenna shroud is covered, the audio signal could be interrupted and may cause the audio to drop-out.



Handheld Microphone Capsule:

H-18 Condenser Capsule



The H-18 is a condenser vocal microphone capsule with a unidirectional polar pattern. It is used for conference rooms, training rooms, boardrooms, studio and broadcast applications. Known for its clarity and resistance to feedback, it features a strong wire-mesh, spherical front grill that contains a highly effective wind and "pop" filter. The H-18 provides excellent vocal or speech reproduction on lecterns and stages, and, it is a popular choice for use in public auditoriums, churches, convention halls, and, schools.

OM3 Dynamic Capsule



The OM3 is a dynamic vocal microphone capsule with a tight and uniformly controlled hypercardioid polar pattern which helps to isolate the speech / vocals. It is used for a wide variety of live, studio, broadcast and business applications. Known for its clear and accurate sound reproduction, resistance to feedback and the ability to handle very high sound pressure levels without distortion. The OM3 employs a very low mass diaphragm for a clean natural sound with exceptional transient response. For best results, it is important to sing directly into the mic at close proximity (within 2 inches).

OM5 Dynamic Capsule



The OM5 is a dynamic vocal microphone capsule with an extremely tight and uniformly controlled hypercardioid polar pattern which helps to isolate the speech / vocals. It is used for stage, studio, broadcast and business applications. Known for its clarity, resistance to feedback and the ability to handle sound pressures in excess of 144 dB without distortion. The OM5 employs a very low mass diaphragm for a clean natural sound with exceptional transient response. For best results, it is important to sing directly into the mic at close proximity (within 2 inches).

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