SABINE®
WIRELESS SYSTEMS

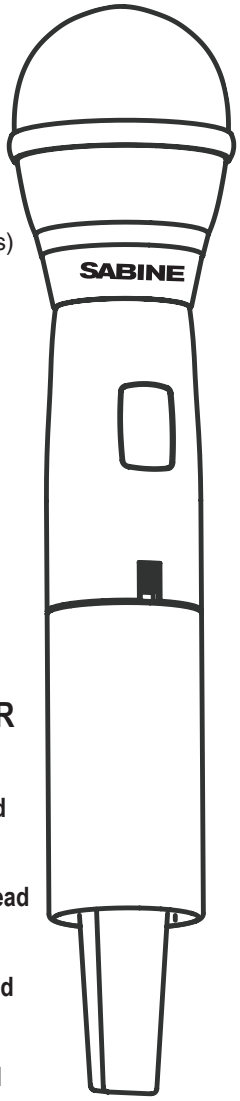
the sound of innovation™

SW70-H Hand-held Transmitter Specifications

SW70-H Hand-held Transmitter Body

Features:

- Programmable LCD screen
- Programmable on-off/mute switch
- Mute indicator



Max FM Deviation: +/- 100 KHz
RF Frequency Stability: < 5 ppm
RF Output:< 25 mW maximum
(dependent on applicable country regulations)
Spurious output: < -50 dB of rated output
Dimensions: (including EM-I1S cartridge)
270 mm x 52 mm dia.

Housing:
Metal case with handeling-noise suppression and soft touch, non slip finish

Power Requirements:
Sabine Rechargeable or 2 'AA' size alkaline

Battery Life:
10 hours rechargeable (500 charge cycles typical), 8 hours alkaline (typical)

SW70-H HAND-HELD TRANSMITTER

SW70-H10:
HH Transmitter with Sabine H10 Dynamic Head

SW70-H12:
HH Transmitter with Sabine H12 Condenser Head

SW70-H13:
HH Transmitter with Audix OM3 / Dynamic Head

SW70-H15:
HH Transmitter with Audix OM5 Dynamic Head

SW70-H19:
HH Transmitter with Sabine H19 Condenser Head

Architect's and Engineer's Specifications:
Sabine SW70-H Series Wireless Hand-held Transmitter

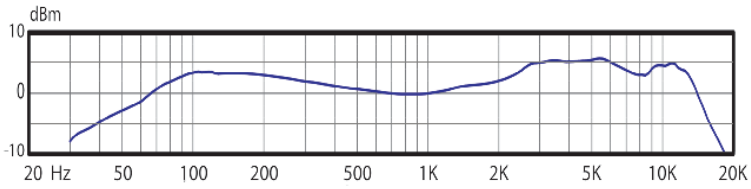
The SW70-H hand-held transmitter is used for vocals with the Sabine SWM7000 Wireless Microphone System. It shall be powered by two (2) Sabine rechargeable or two (2) 1.5V Alkaline AA cells and shall have a programmable LCD screen, programmable on/off/mute switch and mute indicator. The SW70-H will have an LED indicating that power is on. The transmitter shall have a DC/DC converter to insure consistent performance, even if battery voltages change. The transmitter shall be the Sabine SW60-H Series Wireless Hand-held.

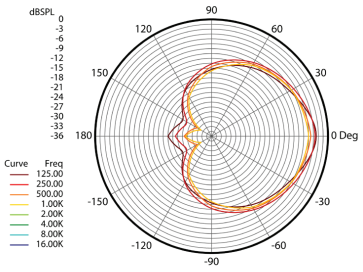
Sabine SW70-H13 Series Microphone

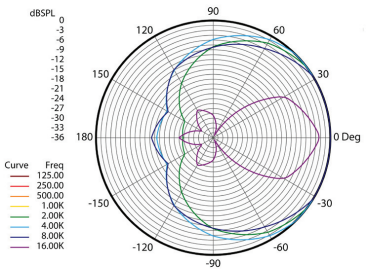
The SW70-H13 is a dynamic vocal microphone capsule used for a wide variety of live, studio and broadcast applications. Known for it's clear and accurate sound reproduction, resistance to feedback and the ability to handle very high sound pressure levels without distortion.
The SW70-H13 is characterized with a tight and uniformly controlled hypercardioid plor pattern wich helps to isolate the vocals from the rest of the instruments on stage. With a wide frequency range of 50 Hz - 18 kHz, the SW70-H13 employs a very low mass diaphram for a clean natural sound with exceptional transient response.
The SW70-H13 microphone capsule has a very tight pick -up pattern in order to eliminate sound from other instruments on stage from "bleeding" into the microphone. For best results, it is important to sing directly ito the mic at close proximity (within 2 inches).

SW70-H13

Transducer Type: Dynamic
OEM: Audix*
Frequency Response: 50 Hz - 18 kHz
Polar Pattern: Hypercardioid
Sensitivity: 1.7 mV / Pa @ 1k
Capsule Technology: VLM Type B
Off Axis Rejection: > 25 dB
Maximum SPL: >_ 144 dB
Polarity: Positive pressure on diaphram produces positive voltage on pin 2 relative to pin 3 of output XLR connector







Architect's and Engineer's Specifications:
Sabine SW70-H13 Series

The SW70-H13 microphone capsule shall be of the dynamic type and the polar pattern shall be hypercardioid.The capsule shall have a sensitivity of 2.5 mV / Pa at 1 kHz and sound pressure level ≥144 dB. The capsule grill cap shall be steel wire mesh. The overall dimensions of the microphone capsule shall be 52mm in diamiter at the widest point of the grill and 65mm in length The capsule shall be the Sabine SW70-H13.

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SW70-H Specifications (continued)

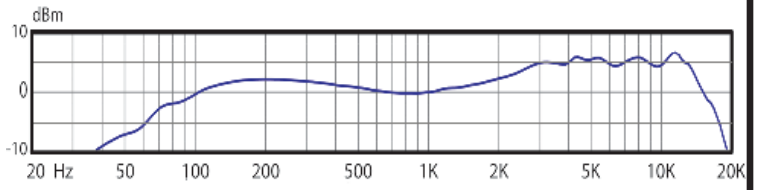
Sabine SW70-H15 Series Microphone

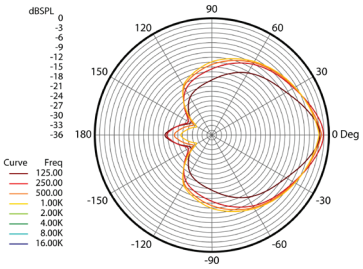
The SW70-H15 is a dynamic vocal microphone capsule used for stage, studio and broadcast applications. Known for it's clarity, resistance to feedback and the ability to handle sound pressures in excess of 144 dB without distortion. The SW70-H15 is characterized with an extremely tight and uniformly controlled hypercardioid plor pattern wich helps to isolate the vocals from the rest of the instruments on stage. With a wide frequency range of 48 Hz - 19 kHz, the SW70-H15 employs a very low mass diaphram for natural response, accurate sound reproduction, and exceptional transient responce.

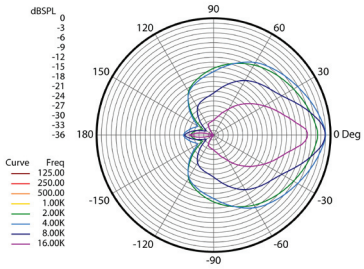
The SW70-H15 microphone capsule has an extremely tight pick -up pattern in order to eliminate sound from other instruments on stage from "bleeding" into the microphone. For best results, it is important to sing directly ito the mic at close proximity (within 2 inches).

SW70-H15 Dynamic Microphone

Transducer Type: Dynamic
OEM: Audix*
Frequency Response: 48 Hz - 19 kHz
Polar Pattern: Hypercardioid
Sensitivity: 1.8 mV / Pa @ 1k
Capsule Technology: VLM Type C
Off Axis Rejection: > 30 dB
Maximum SPL: >_ 144 dB
Polarity: Positive pressure on diaphram produces positive voltage on pin 2 relative to pin 3 of output XLR connector







Architect's and Engineer's Specifications: Sabine SW70-H15 Series

The SW70-H15 microphone capsule shall be of the dynamic type and the polar pattern shall be hypercardioid.The capsule shall have a sensitivity of 1.8 mV / Pa at 1 kHz and sound pressure level ≥ 144 dB. The capsule grill cap shall be steel wire mesh. The overall dimensions of the microphone capsule shall be 52mm in diamiter at the widest point of the grill and 65mm in length The capsule shall be the Sabine SW70-H15.

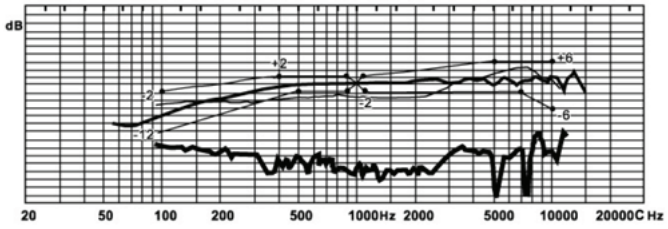
Sabine SW70-H12 Series Microphone

The SW70-H12 is a condenser microphone with a strong wire-mesh spherical front grille that contains a highly effective wind and "pop" filter. The SW70-H12 provides excellent vocal or speech reproduction on lectures and stages, and is a poular choice for use in public auditoriums, churches, convention halls, and schools.

SW70-H12 Condenser Microphone

Transducer Type: Condenser
Frequency Response: 60 Hz - 15 kHz
Polar Pattern: Cardioid
Open Circuit Sensitivity: -37dB+/2dB at 1 kHz
Signal-To-Noise Ratio: above 68 dB at 1 kHz (1Pa)

SW70-H12 Frequency Response Curve



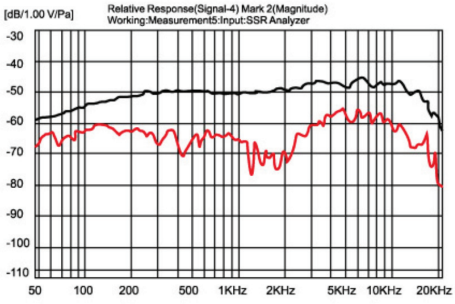
Sabine SW70-H10 Series Microphone

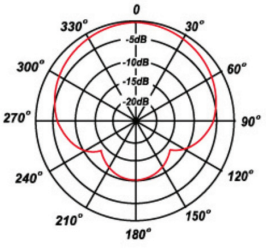
The SW70-H10 is a dynamic microphone with a strong wire-mesh spherical front grille that contains a highly effective wind and "pop" filter. Adopting super cardioid dynamic cartridge with highly consistent super cardioid pattern at 120 off-axis. It creates superb isolation and unsurpassed gain-before-feedback, the SW70-H10 provides excellent vocal or speech reproduction on lectures and stages, and is a poular choice for use in public auditoriums, churches, convention halls, and schools.

SW70-H10 Dynamic Microphone

Transducer Type: Dynamic
Frequency Response: 70 Hz - 16 kHz
Polar Pattern: Super Cardioid
Open Circuit Sensitivity: -50dB+/3dB
(0dB=1V/Par at 1 kHz)
Signal-To-Noise Ratio: above 68 dB at 1 kHz (1Pa)

SW70-H10 Frequency Response Curve





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