



# revolabs

# Elite

## Wired Microphones



## Wired Microphones with Local and External Control

Adding to the line of Revolabs Elite™ Wired Microphones, the new Elite Wired Microphones with Local and External Control add mute functionality and status indicator lights, completing the microphone offering. The wired microphones are available in Omnidirectional and Directional (Cardioid) versions, as well as 6 in (15 cm) and 12 in (30 cm) gooseneck microphones.

The Elite Wired Microphones with Local and External Control provide users with the same exceptional performance, features and contemporary design elements as the other microphones in the family of Elite microphones. Using the same form factor and user interface as Revolabs Executive Elite Wireless Microphones, the Wired Microphones are also ideal for environments in which wired and wireless microphones are used in tandem, increasing the maximum number of microphones available in a space and combining wireless flexibility with the security of wired microphones.

The mute functionality and the indicator lights can be controlled either on the microphone, or in conjunction with a post-processing and control system like a DSP. The local mute capabilities allow muting the audio right on the microphone, before it is delivered to any post-processing equipment. Popular mute functionality like push-to-talk, push-to-mute and mute/unmute toggle are supported on the microphone. The indicator light can be selected to indicate the mute state, typically showing a green light for a live microphone, and a red light for a muted microphone.

External Control allows an external processing unit to receive information on button presses from the microphones and trigger actions accordingly. The external processing unit also controls

the LED light and color in this scenario, allowing external indication of the status of the microphone.

Part of an installed audio solution, Revolabs' Elite Wired Microphones can be integrated with audio post-processing and mixing appliances in support of any unified communications application as well as other applications requiring audio support.

Revolabs Elite Wired Microphones provide superior audio quality, setting new standards for signal-to-noise ratio and the supported frequency range. The microphones are impervious to GSM noise from wireless devices.

To match the design and architectural requirement of customer environments, all Elite Wired Microphones with Local and External Control are available in black, white, and brushed nickel. Specifically the different colors of the gooseneck microphones open new opportunities for designers and architects to match technology and room design.



All Elite Wired Microphones come with a mounting adapter, enabling permanent mounting of the microphones. If desired, users can drill through the surface and route the wire down through the adapter center for a cleaner look.

# BENEFITS

## Superior Audio Quality

Flat frequency response across the supported bandwidth for realistic sound capture.

## Wide Variety of Applications

Omnidirectional, Directional (Cardioid), and Gooseneck (Cardioid) versions available supporting a wide variety of environments and applications.

## Great Price, Stylish Design

Fortune 500 look at an SMB price provides a rich user experience.

## Revolabs RF Armor™

Protects against RF noise on the microphone and wiring.

## Audio Dependability

Balanced output for increased immunity to noise over long cable runs.

## Easy Installation

Microphones include 15 foot, 5-wire unterminated shielded wire.

## Matching Color Options

Available colors are Black, White, and Brushed Nickel.

# FEATURES AND SPECIFICATIONS

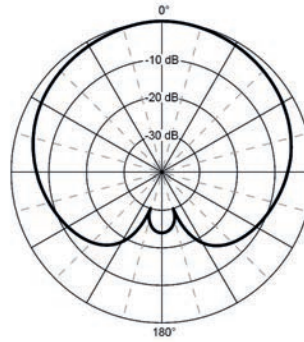
## Supported Functionality

**Local Control:** push-to-talk, push-to-mute, mute toggle.

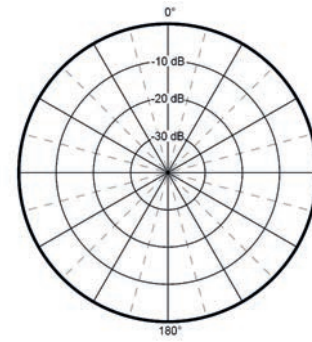
**External Control:** button press provides falling edge (mute toggle), or low level (push-to-mute, push-to-talk); bi-color LED light controlled by ground and +3.3 to +5V.

## Polar Patterns

Directional/Gooseneck



Omnidirectional



	Signal Noise Ratio	Impedance	Local Attenuation	Frequency Response	Dynamic Range	Phantom Power	Output Sensitivity	Dimensions	Weight
Omnidirectional	70 dB	150 ohms	>90 dB	125 to 18,000 Hz	87 dB	23 to 52 V DC phantom, 2.0 mA	-35 dBV/Pa ±1 dB	3.13 in (79.6 mm) x 3.13 in (79.6 mm) x 1.17 in (29.5 mm)	6.6 ounces 188 grams
Directional	68 dB	150 ohms	>90 dB	125 to 18,000 Hz	84dB	23 to 52 V DC phantom, 2.0 mA	-36 dBV/Pa ±1 dB	3.13 in (79.6 mm) x 3.13 in (76.4 mm) x 1.73 in (44 mm)	7.2 ounces 204 grams
Gooseneck 6 inch	68 dB	150 ohms	>90 dB	125 to 18,000 Hz	84 dB	23 to 52 V DC phantom, 2.0 mA	-36 dBV/Pa ±1 dB	3.5in (89 mm) x 3.77in (96mm) x 7.48in (190 mm)	8.5 ounces 241 grams
Gooseneck 12 inch	68 dB	150 ohms	>90 dB	125 to 18,000 Hz	84 dB	23 to 52 V DC phantom, 2.0 mA	-36 dBV/Pa ±1 dB	3.5in (89 mm) x 3.77in (96mm) x 13.03in (331 mm)	8.7 ounces 246 grams

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