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[Revolabs 01-ELITEMIC-DR Executive Elite Directional Tabletop Microphone](#)



# Executive Elite™ Microphones



THE GOLD STANDARD IN NEXT GENERATION WIRELESS AUDIO CONFERENCING MICROPHONES

## UNMATCHED PERFORMANCE, STUNNING STYLE

Revolabs Executive Elite™ microphones merge best-in-class audio with eye-catching design, setting the gold standard for excellence in wireless conference room audio. These innovative wireless microphones feature advanced technologies and extended capabilities that ensure superior audio pickup and sound quality, improved signal-to-noise ratio, enhanced digital signal communication over wireless links, and a user-friendly interface.

## HIGHER DENSITY, LONGER USAGE, STRONG SECURITY

Revolabs' latest advances in the use of the available frequencies allow more Executive Elite microphones to be deployed and used in the same space. Depending on the application, 44 or more wireless microphones can be used per area or room in the Americas and Japan, and 76 or more microphones in Europe and most other countries. In larger installations, several Revolabs Executive Elite base DSP units can communicate wirelessly to coordinate their microphone channels automatically, freeing users from the task of manually assigning and reassigning channels.

For longer meetings, Executive Elite microphones work up to 20 hours on a single battery charge, even in high-RF settings with receivers

up to 300 feet away. In addition, the microphones intelligently conserve power when they are not in use, enabling standby times of up to 72 hours with a remaining talk time of at least one hour. Revolabs Executive Elite tabletop microphones use standard AA nickel metal hydride (NiMH) rechargeable batteries, while the wearable microphone, the XLR adapter, and the TA4 (mini XLR) adapter are powered by lightweight sealed lithium ion batteries with a talk time of up to eight hours.

## EASY TO USE, EASY ON THE EYES

Boasting a sophisticated Fortune 500 look and feel, the Executive Elite microphone line includes omnidirectional, directional, gooseneck, and wearable microphones, as well as the XLR and TA4 adapters. The line's stylish microphone charger tray lets you charge up to four or eight microphones of any type in the same charger simultaneously. Charge time for a tabletop microphone is approximately six hours.

Once removed from the charger and placed on the conference room table, the Executive Elite microphones are ready for use. A single-button interface enables easy muting and unmuting of microphones, while indicator lights clearly identify the mute status of each unit and make it visible to all meeting participants. The wearable microphone can be comfortably worn by a user on a lapel, shirt, or blouse; there's no need for wires or a bulky battery pack. With the XLR and

TA4 adapters, you can use existing microphones and make them wireless on the Executive Elite system.

## FLEXIBLE POWER AND CHARGING OPTIONS

Revolabs Cross-Over™ adapters give you the option of powering your microphones from mains electricity instead of batteries to ensure your microphones will work perfectly even in the longest meetings. The Cross-Over adapter allows for either variable installations in which conference participants can disconnect the microphone from the Cross-Over charger for placement anywhere on the table or permanent installations. In permanent installations, the microphone cannot be removed from the Cross-Over charger attachment.



## MICROPHONE TYPES

### Omnidirectional Tabletop Microphone

The Revolabs Executive Elite omnidirectional tabletop wireless microphone is the perfect solution for audio and video conferencing in smaller conference rooms. It features a 360 degree pickup pattern to capture all speech above and around the microphone.



### Directional Tabletop Microphone

Perfect for applications ranging from audio and video conferencing in small conference rooms to voice amplification in large auditoriums, the Executive Elite directional tabletop microphones are specifically designed to pick up the speech of one to three people in front of the microphone.



### Gooseneck Tabletop Microphone — 6" or 12"

For boardroom and conference settings where participants require individual microphones, Revolabs Executive Elite Gooseneck microphones provide the perfect solution in 6-inch and 12-inch versions.



### Wearable Microphone

Presenter microphone for audio and video conferencing sporting a sleek and compact design with a convenient clip for fastening to a lapel, shirt or blouse. Backchannel audio and a headset connector provide user-selectable two-way audio on the Executive Elite system.



### Cross-Over Adapter

The Revolabs Executive Elite Cross-Over adapter allows constant powering of any tabletop microphone. The adapter comes with options for permanent placement of the microphone, or moveable microphones.

### XLR Adapter

The Revolabs Executive Elite XLR adapter simply plugs into any dynamic handheld microphone, instantly transforming the unit into a wireless microphone on the Executive Elite system for use in audio or video conferencing, voice amplification, and other applications

### TA4 (mini XLR) Adapter

The Executive Elite TA4 (mini XLR) adapter is ideal for broadcasters, announcers, and presenters who favor small lapel or over-the-ear microphones. This compact mini XLR adapter eliminates the need for bulky belt packs. Backchannel capability provides two-way audio via a headset connector on the adapter, for applications such as simultaneous audio capture and translation for multiple language meetings or conferences.

## TECHNICAL SPECIFICATIONS

**AVU** Member of the AVnu Alliance for AVB networking products

	Pickup Pattern	Battery	Always On Option	Mute LED	Battery LED	Frequency Response	Signal Noise Ratio	Charge Time	Talk Time	Standby Time	Dimension	Weight
Omnidirectional Tabletop	Omnidirectional	2 AA Rechargeable (NiMH)	✓	✓	✓	100Hz - 20,000Hz	70dB@1KHz 94dB SPL	6 hours	20 hours	72 hours	3.125in x 3.125in x 1.125in (7.9cm x 7.9cm x 2.9cm)	4.7 oz. (134 gr)
Directional Tabletop	Cardioid		✓	✓	✓	100Hz - 20,000Hz					3.125in x 3.125in x 1.75in (7.9cm x 7.9cm x 4.4cm)	5.0 oz. (141 gr)
Gooseneck 6in	Cardioid		✓	✓	✓	100Hz - 20,000Hz					3.125in x 3.125in x 1.75in (7.9cm x 7.9cm x 4.4cm) 6in gooseneck	6.8 oz. (192 gr)
Gooseneck 12in	Cardioid		✓	✓	✓	100Hz - 20,000Hz					3.125in x 3.125in x 1.75in (7.9cm x 7.9cm x 4.4cm) 12in gooseneck	7.7 oz. (219 gr)
Wearable	Omnidirectional	Li-Ion				100Hz - 20,000Hz	80dB SPL @1KHz 0dBV Input Signal	2 hours	8 hours	72 hours	3in x 1.25in x 0.75in (7.6cm x 3.2cm x 1.9cm)	1.2 oz. (35 gr)
XLR Adapter			✓	✓	20Hz - 20,000Hz	3.375in x 3.125in x 1.125in (8.6cm x 7.9cm x 2.9cm)					5.0 oz. (141 gr)	
TA4 (Mini XLR) Adapter			✓	✓	20Hz - 20,000Hz	3.375in x 3.125in x 1.125in (8.6cm x 7.9cm x 2.9cm)					5.0 oz. (141 gr)	

### GENERAL

#### Channels

- 4 or 8 channels per system
- 32 or more microphones (60 channels available), North and South America and Japan, HD audio
- 44 or more microphones (80 channels available), North and South America and Japan, regular audio
- 56 or more microphones (120 channels available), Africa, Asia, Australia, and Europe, HD audio
- 76 or more microphones (160 channels available), Africa, Asia, Australia, and Europe, regular audio

#### Synchronization

- Over-the-air (OTA™) synchronization
- Three wire synchronization bus
- AVB synchronization

#### Radio Frequency

- North and South America: 1920 to 1930 MHz
- Japan: 1893.5 – 1906.1 MHz
- Africa, Asia, Australia, and Europe: 1880 to 1900 MHz

#### Range

- 300 feet (90 meters) line-of-sight
- Out-of-range alarms

#### Encryption

- 256-bit key (AES)
- Regular automatic key update

#### Bandwidth

- 20 Hz – 20,000 Hz

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