

# Revolabs Executive HD™ 4– and 8-Channel Wireless Microphone System Product Specifications

## Audio Bandwidth

- 50-20,000 Hz
- Selectable 50-12,000 Hz mode

## Channels

- 4 or 8 channels per system

### North America

- 32 channels maximum (4 systems)

### International

- 40 channels maximum (5 systems)

## Radio Frequency

### North America

- 1.92 to 1.93 GHz (UPCS North America)

### International

- 1.88 to 1.90 GHz (DECT EU)



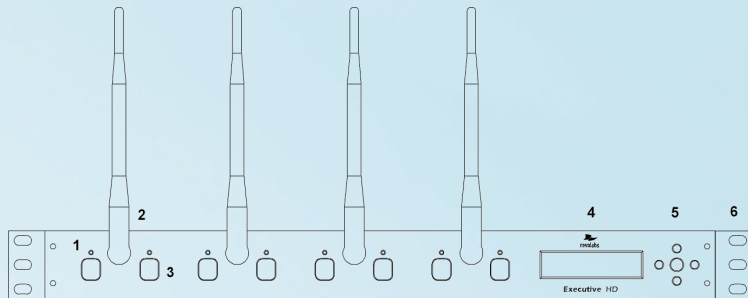
Executive HD Base Station

## Range

- 300' (91 meters) approx. (no obstructions)
- Out-of-range alarm

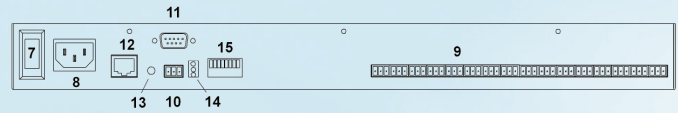
## Executive HD Base Station Dimensions

- 16.9" (43.03 cm) x 8.0" (20.32 cm) x 1.7" (4.42 cm)
- 2.9 lbs (1.31 kg)



## Executive HD Base Station Connectors/Interfaces

1. Channel LED indicators
2. Diversity Antennae- SMA Plug (50 ohm)
3. Pairing Push Buttons
4. Front Panel LCD
5. LCD Control Buttons
6. Rackmount Bracket



7. On/Off Switch
8. Power In Connector– AC in
9. Audio In/Out (8/8)- Phoenix (3.5mm) quick connect terminal blocks
10. Sync BUS In/Out- Phoenix (3.5mm) quick connect terminal block
11. Control Port- DB9 Socket
12. Ethernet- RJ45
13. Reset Button
14. Indicator LEDs
15. Configuration DIP Switches (8)

## Executive HD Base Station Power Requirements

- 100-240V AC, 50-60 Hz, 15W (Universal Inputs)



HD Charger Base

## HD Charger Base Dimensions

- 8.3" (21.1 cm) x 4.3" (10.9 cm) x 1.0" (2.56 cm)
- 1.1 lb (.49 kg)

## HD Charger Base Connectors

- USB port
- DC power input port
- Proprietary 4 pin microphone charge jacks

## HD Charger Base Power Requirements

- 20W

## Battery

- Lithium Polymer
- Up to 8 hours of talk time

## Charge Time

- 2 hours

## Encryption

- 128-bit proprietary (per microphone channel)

## Environmental Requirements

### Temperature

- 40° to 100° F (5° to 40° C) operating

### Humidity

- 20% to 85%



63 Great Road, Maynard, MA 01754  
 1-800-326-1088  
[www.revolabs.com](http://www.revolabs.com)  
[info@revolabs.com](mailto:info@revolabs.com)

Hear Every Word!

The Revolabs Executive HD™ Wireless Microphone System provides high definition audio for permanently installed AV systems. It is the first high definition wireless conferencing system available and it allows all participants to *hear every word*.

## Revolabs Executive HD™ Wireless Microphone Systems

- » **Superb High Definition Audio**
- » **More Wireless Microphones in a Given Area**
- » **Remote Management**
- » **Mix and Match Sleek Microphones**
- » **Easy Implementation Features**
- » **Impervious to GSM Noise**



### **Wideband Frequency Response**

The Executive HD™ Wireless Microphone System has high definition audio, 50 Hz to 20k Hz, which allows it to pick up the entire human voice spectrum. The System utilizes the new Revolabs Designed for Speech technology (DFS20™) to provide wideband frequency which improves the intelligibility and presence of speech. The DFS20 technology consists of proprietary audio processing algorithms for the accurate reproduction of human speech.

### **More Wireless Microphones**

The Executive HD Wireless System is available in 4 and 8 channel models. In the US, two Executive HD Systems can be linked together to support up to 16 HD Wireless Microphones in High Definition Mode. Four Executive HD Systems can be linked together to support up to 32 microphones in Maximum Density Mode, albeit without two-way audio. The HD System also has a reduced power mode which allows more Executive HD Systems to be used in a given area.

### **Remote Management**

The system includes the ability to manage, monitor status, and upgrade software through an Intranet, and has serial connectivity with all room control systems.

### **Ease-of-Use**

The HD Wireless Microphones are extremely easy to use. There are no complicated settings. Just remove the microphone from the Charger Base, un-mute and talk.

### **Ease-of-Implementation**

The LCD display on the front of the Executive HD Base Station allows easy access to view status and certain commands, including the ability to switch all outputs to mic or line level.

### **Impervious to Radio Frequency Interference**

All Revolabs HD Wireless Microphones include the RF Armor™ technology which enables the microphone to operate cleanly even when in direct contact with all wireless electronic devices known to cause unwanted audio interference, such as GSM mobile phones, smart phones, etc.

## **Applications:**

**Installed AV**

**Conference Rooms**

**Houses of Worship**

**Broadcasting**

## **Plus all of the Revolabs Executive Wireless Microphone Features:**

**Rechargeable:** Rechargeable battery that provides eight hours of talk time after each full charge.

**Secure:** All Revolabs wireless microphones use 128-bit encryption, so no one can listen in.



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