



revolabs

HD



Single/Dual Channel



HIGH DEFINITION WIRELESS MICROPHONE SYSTEM

THE PERFECT SOLUTION FOR VIDEO CONFERRING NEEDS

The HD™ Single/Dual Channel Wireless Microphone System is a perfect solution for the audio needs of **video conferencing solutions or voice reinforcement**. Its small size allows for an easy and un-intrusive integration into audio solutions that require only a small number of wireless microphones. The Single/Dual channel **supports up to two HD audio wireless microphones**.

One of Revolabs' HD family of products, the Single/Dual Channel wireless microphone system takes advantage of the same technology available for board rooms and large conference rooms in the Executive HD products.

The HD Single/Dual Channel System utilizes Revolabs "Designed for Speech" technology. This DFS20™ technology provides **wideband frequency which improves the intelligibility and presence of speech**. Support for bandwidths of 50 Hz to 20kHz allows the system to pick up the entire human voice spectrum. The technology consists of proprietary audio processing algorithms resulting in **accurate reproduction of human speech**.

The HD Single/Dual Channel Wireless System consists of a base station, and a HD wireless microphone charger base and is available in single and dual channel models allowing for support of either one or two HD Wireless Microphones in High Definition mode.

As with the other HD systems, the Single/Dual system provides bi-directional audio which allows audio to be sent back to the microphone so that **you can listen using a headset**.

The HD Single/Dual Channel Wireless microphone system is **managed through a series of dip switches** that allows you to control the different options available. In the Dual Channel system you can select whether the microphone channels are mixed in the base unit to provide a mixed output, or whether the two channels are handled independent of each other, providing **two separate outputs and inputs for the two channels**. The switches also allow you to select the level of the outputs – line level, or microphone level.

Further settings let you control the transmission power mode used by the receiver, providing a higher density of HD Systems in a given area where a lot of systems are required. The adjustable power reduces interferences between the systems.

Finally, the dip switches allow you to activate filters and equalizers to further improve the audio transmitted by the microphones.

The HD Single/Dual Channel Wireless System **can be mixed and matched with a variety of HD wireless microphones**.

Offered separately, the microphones are sleek in design and come in several styles: wearable, tabletop directional, tabletop omnidirectional, XLR Adapter for handheld microphones, and adapters for Countryman™ microphones. Revolabs microphones and adapters are extremely easy to use. There are no complicated settings. Just remove the microphone from the charger base, un-mute and talk.

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. Fail safe security is integrated with all Revolabs wireless microphones because they use **128-bit encryption, preventing anyone from listening** to conversations.

Additional benefits include a **rechargeable battery that provides up to eight hours of talk time** after each

full charge. To fully charge the battery takes approximately two hours. And best of all, the system is wireless. **Enterprise users can move about their conference room and still be heard!**

BENEFITS

Superior Audio Quality

Wideband frequency response provides high definition audio delivering spoken word clarity

Wireless Freedom

Lets you sit anywhere within a conference room or walk around freely

Support for Multiple Microphones

Wearable, tabletop boundary and handheld as well as Countryman Adapter for earset mic

No More Cell Phone Buzz

RF Armor technology lets microphones operate cleanly even when in direct contact with other wireless electronic devices

Secure

128-bit encryption prevents anyone from listening in



AUDIO	Bandwidth Channels Radio Frequency Range	50-20,000 Hz 1 or 2 channels per system North America: 1.92 to 1.93 GHz(UPCS North America) International: 1.88 to 1.90 GHz (DECT EU); China: 1.90-1.92 GHz 150' (45 meters) approx. (no obstruction) Out-of-range alarm
SINGLE/DUAL BASE STATION	Power Connectors/Interfaces	100-240V, 50-60 Hz, 5W (Universal Inputs) (for included power supply) Channel LED indicators Pairing Push Buttons USB port for Revolabs use only Configuration DIP Switches (8) Channel 1 Analog Output 3.5 mm connector Channel 2 Analog Output 3.5 mm connector Channel 1 Analog Input 3.5 mm connector Channel 2 Analog Input 3.5 mm connector Power In Connector - DC 5V
SINGLE/DUAL CHARGER BASE	Power Battery Talk Time Battery Charge time Encryption Connectors	5W Lithium Polymer Up to 8 hours 2 hours 128-bit proprietary (per microphone channel) DC power input port 1 or 2 proprietary 4 pin microphone charge jacks



Revolabs HQ
144 North Road
Sudbury, MA 01776
USA
800-326-1088

Revolabs EMEA
+44-7970518430

Revolabs APAC
+85-292297743

Revolabs India
+91-124-4711630

www.revolabs.com