revolabs

HD™ Single/Dual Channel

SINGLE/DUAL CHANNEL WIRELESS MICROPHONE SYSTEM

THE PERFECT AUDIO SOLUTION FOR VOICE APPLICATIONS

The HD™ Single/Dual Channel wireless microphone system is the perfect audio solution for **video conferencing or voice reinforcement applications**. Its small size allows for an easy and unintrusive integration for audio solutions that require a limited 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 boardrooms and large conference rooms in the Executive HD product.

The HD Single/Dual Channel system utilizes Revolabs "Designed For Speech" technology. This technology provides **wideband frequency improving the intelligibility and presence of speech**, allowing the system to pick up the entire human voice spectrum. The technology consists of proprietary audio processing algorithms resulting in the **accurate reproduction of human speech**.

As with the other HD systems, the Single/Dual Channel 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** allowing you to control the different audio options. The switches also allow you to select the level of the outputs, line level, or microphone level. 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**.

Additional 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.

All Revolabs HD wireless microphones include the RF Armor™ technology enabling the **microphone to operate even when in direct contact with other 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 using **128-bit encryption, preventing people from listening** in on conversations.

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 omni-directional, XLR adapter for handheld microphones, and adapters for Countryman™ microphones. Revolabs microphones and adapters are extremely easy-to-use. Just remove the microphone from the charger base, un-mute and talk.

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

Additional benefits include a **rechargeable battery providing up to eight hours of talk time** on a full charge. It takes approximately two hours to fully charge a battery. Best of all, the system is wireless. **Enterprise users can move about their conference room and still be heard!**

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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	
Channels	1 or 2 channels per system
Radio Frequency	North and South America: 1920 to 1930 MHz Africa, Asia, Australia, Europe: 1880 to 1900 MHz (DECT EU) Mainland China: 1900 -1920 MHz Japan: 1893.5 to 1906.1 MHz
Range	150 feet (45 meters) approx. (no obstruction) Out-of-range alarm
Bandwidth	50-14,000 Hz
BASE STATION	
Power	5V DC, 1A power connector 100-240V, 50-60 Hz; Power supply included
Connectors/Interfaces	Channel LED indicators Pairing Push Buttons USB port for firmware update only Configuration DIP Switches (8) Channel 1 Analog Output 3.5 mm balanced connector Channel 2 Analog Output 3.5 mm balanced connector Channel 1 Analog Input 3.5 mm balanced connector Channel 2 Analog Input 3.5 mm balanced connector
CHARGER BASE	
Power	5V DC, 1A 100-240V, 50-60 Hz; Power supply included
Connectors	DC power input port 1 or 2 proprietary 4 pin microphone charge jacks

HEAR EVERY WORD

revolabs

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

Revolabs EMEA
+33-1-6459-8904

Revolabs APAC
+852-92297743

Revolabs India-Middle East
+91-124-4711630

info@revolabs.com
www.revolabs.com

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