

HD EXECUTIVE 4 CHANNEL

OVERVIEW

The wireless microphone system shall utilize a multiple wireless microphone transceiver with 128-bit encryption and DFS20 proprietary audio processing algorithms to pass high definition (50 Hz to 14 KHz) audio, for the accurate reproduction of human speech. In the US, four units shall be bussed together to support up to 16 Wireless Microphones in High Definition Mode and eight units shall be bussed together to support up to 32 microphones in Maximum Density Mode. The system shall include the ability to manage, monitor status, and upgrade software through PC-based software. The system shall be compatible with room control systems through serial or IP connectivity. The front of the unit shall have an LCD display to allow ability to view status and modify settings.



HD Executive 4 Channel With Mics

WARRANTY

The manufacturer shall provide a limited warranty on all branded hardware products that shall begin on the date of the end user invoice and end 365 days later. The limited warranty begins with a 90 day complimentary service and support on all parts. Please refer to the Revolabs Professional Products limited warranty terms and conditions. RevoCARE is also available to extend the coverage of the product for up to 3 years.

RECEIVER

The receiver shall be housed within a single rack space (1RU) enclosure with (4) transceiver (output & input) channels providing a balanced signal terminating on a 3.50mm (.138") pitch Eurostyle™ horizontal plug. The receiver shall have rear dip switch settings for Primary/Secondary, Line/Mic output. A rear BUS connection on a 3.50mm (.138") pitch Eurostyle™ horizontal plug shall be utilized for multiple receiver frequency and muting coordination. Rear Ethernet (RJ45), DB9F connections shall be used for configuration and control. Each unit shall employ a rear reset button. The front of each receiver shall have: (4) LED channel indicators, (4) individual channel pairing buttons, (2) diversity antennae connections on SMA jack (50 ohm), 2-line LCD display, (5) LCD Menu Control Buttons.

MICROPHONES

The system shall allow the use of multiple wireless microphone types (HD Wearable, HD Omni Boundary, HD Directional Boundary, HD XLR Adapter, HD Countryman Adapter) each with rechargeable Lithium Polymer battery providing up to 8 hours use per full charge. Wireless operation shall be within the 1.92 to 1.93GHz (UPCS North America), 1.88 to 1.90GHz (DECT EU), 1.90 to 1.92GHz (DECT CN) or 1.895 to 1.903 GHz (DECT JP) RF Spectrums. All microphones shall be impervious to GSM noise through the use of RF-Armor™ shielding. Each microphone shall have single button operation for power, mute and pairing. A multicolor LED shall be utilized for visual indication of mute, pairing and connection status. Each microphone shall provide analog audio output via 2.5 mm unbalanced port for use with an ear phone.

CHARGER

The wireless microphone system shall include a base to recharge (4) microphones via proprietary 4 pin microphone charge / communication jack. Signals from a rear mini-USB port and DC power input port shall be divided evenly to all microphones. Ports internally numbered from left to right for software pairing. A large multi-color LED shall serve as a front status indicator.

DIMENSION AND WEIGHT		W" (cm)	D" (cm)	H" (cm)	Lb (kg)
Base Charger		16.90" (43.03)	8.00" (20.32)	1.70" (4.42)	2.90 (1.31)
		8.30" (21.10)	4.30" (10.90)	1.00" (2.56)	1.10 (0.49)
MICROPHONES		W" (cm)	D" (cm)	H" (cm)	Lb (kg)
Model 01-HDEXEMIC-11 01-HDTBLMIC-OM-11 01-HDTBLMIC-DR-11 01-HDCOMAN-11 01-HDCOMAN-11		1.00" (2.50)	0.69" (1.75)	3.90" (10.00)	0.07 (0.03)
		1.00" (2.50)	0.69" (1.75)	3.54" (9.00)	0.07 (0.03)
		1.00" (2.50)	0.69" (1.75)	3.54" (9.00)	0.07 (0.03)
		1.00" (2.50)	0.69" (1.75)	3.54" (9.00)	0.07 (0.03)
		1.00" (2.50)	0.69" (1.75)	3.90" (10.00)	0.07 (0.03)
POWER REQUIREMENTS		100-240V, 50-60 Hz, 20W 24V DC, 1A 100-240V, 50-60 Hz; Power supply included			
ENVIRONMENTAL REQUIREMENTS	Base Charger				
	Temperature Humidity	40 to 100 C (Operating) 20% to 85%			

The Revolabs HD Executive 4 Channel system is specified.