

SOLO SINGLE CHANNEL

OVERVIEW

The wireless microphone system shall utilize a single wireless microphone transceiver with 128-bit encryption algorithm to pass 100 Hz to 6.8 KHz audio for the accurate reproduction of human speech in conferencing applications. The receiver and charger shall be integral, housed in an enclosure with an extended top panel suitable for recession into millwork. The receiver shall also serve as the charger base, powered with a 5V DC 300mA power supply with proprietary 0.7 mm plug. The system shall provide Mute control by way of a single button on both the microphone and base, each with a synchronized LED status indicator.



Solo Single System

RECEIVER/CHARGER BASE

The transceiver (output & input) unbalanced channel signals shall be provided on a single 2.50mm TRS jack. The receiver shall have a USB 2.0 Mini Type B 5 Position Female for connection to a PC.

MICROPHONES

The system shall allow the use of multiple wireless microphone types (Wearable, Omni Boundary, Directional Boundary, XLR 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) or 1.88 to 1.90GHz (DECT EU) RF Spectrum. 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.

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.

DIMENSION AND WEIGHT		W" (cm)	D" (cm)	H" (cm)	Lb (kg)
Base		3.90" (10.00)	2.40" (6.00)	1.00" (2.56)	2.90 (1.31)
MICROPHONES		W" (cm)	D" (cm)	H" (cm)	Lb (kg)
<i>Model</i>					
01-EXEMICEX-BLK-11		0.90" (2.30)	0.80" (2.03)	2.60" (6.60)	0.05 (0.02)
05-TBLMICEX-OM-11		1.50" (3.80)	0.80" (2.03)	3.30" (8.40)	0.05 (0.02)
05-TBLMICEX-DR-11		1.50" (3.80)	0.80" (2.03)	3.30" (8.40)	0.05 (0.02)
06-XLRMIC-BLK-11		0.90" (2.30)	0.80" (2.03)	4.00" (10.20)	0.05 (0.02)
POWER REQUIREMENTS					
Base		110V AC, 60 Hz to 5V DC, 300mA			
ENVIRONMENTAL REQUIREMENTS					
Temperature		40 to 100 °C (Operating)			
Humidity		20% to 85%			

The Revolabs Solo Single Channel system is specified.