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## SPECIFICATIONS

Liberator Wireless

## PORTABLE - ONLY<sup>1</sup>

FREQUENCY PLAN		
<b>Frequencies Used (North America / Europe and ROW)</b>		916 MHz (ISM band) / 869 MHz
<b>Syncing / Pairing Requirement</b>		None
<b>Registration Identifier (US FCC / Canada IC)</b>		TLV-WPO1000 / 6143A-SWPO1000
<b>Number of Concurrent Riders in Localized Area</b>		Up to 1,024
POWER MANAGEMENT		
<b>Source of Power</b>		SuperMic: <b>portable radio battery</b> Motorcycle Cable Kit: <b>motorcycle battery</b>
<b>Power Draw of SuperMic</b>		Standard usage draws less than 5% of portable radio's battery capacity
<b>Battery Recharging</b>		None
RADIO COMPATIBILITY		
<b>Motorola APX / XPR Series</b>		Yes
<b>Motorola JEDI-series<sup>2</sup></b>		Yes
<b>Motorola HT750, HT1250, GP-360</b>		Yes
<b>Harris P7300, P5400, XG-25P, XG-75P</b>		Yes
<b>Harris XG-100P</b>		Yes
<b>M/A-COM Harris P7300, P5400</b>		Yes
<b>M/A-COM JAGUAR, 700P, 5100P, 7100</b>		Yes
RADIO USAGE		
<b>On Motorcycle</b>		Transmit: <b>portable radio</b> Receive: <b>portable radio</b>
<b>Off Motorcycle</b>		Transmit: <b>portable radio</b> Receive: <b>portable radio</b>
WATERPROOF		
<b>SuperMic</b>		Yes (IP-X7) <sup>3</sup>
<b>Motorcycle Cable Kit / Black Box</b>		Yes (IP-X8) <sup>4</sup>
<b>Handlebar Push-to-Talk Switch and Boot</b>		Yes (IP-X8) <sup>4</sup>
<b>SuperMic and Transmitter Circuit Boards</b>		Conformal coated
AUTO MUTE		
<b>SuperMic Speaker</b>		Auto mutes when helmet kit is plugged in
<b>SuperMic Microphone</b>		Auto mutes when helmet kit is plugged in
OTHER FEATURES		
<b>Quick Release Connectors</b>		Helmet kit connection uses quick-release Nexus connector
<b>SuperMic Pigtail Connector</b>		Custom molded with EZ Grip plastic coating
<b>Backward Capability</b>		All Setcom KE and KA helmet kits (Listen-Only)
<b>Ear Bud Jack</b>		Optional accessory. Setcom part number 25-KE2EB.
<b>Easy Installation</b>		Usually installs in less than 20 minutes on a Harley-Davidson police motor

<sup>1</sup> U.S. Patent 8,010,171

<sup>2</sup> Motorola JEDI-series radios include: HT1000, JT1000, MT2000, MTS2000, MTX838, MTX8000, MTX9000, XTS1500, XTS2250, XTS2500, XTS3000, XTS3500, XTS5000, GP1200, GP900, GP9000

<sup>3</sup> Setcom's Liberator Portable-only SuperMic enclosure meets the IP-X7 immersion specification as verified by an independent test laboratory.

<sup>4</sup> Setcom's Liberator Portable-only transmitter enclosure and handlebar PTT switch meet the IP-X8 immersion specification.