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Liberator Wireless

PORTABLE - ONLY¹

SPECIFICATIONS

FREQUENCY PLAN

Frequencies Used (North America / Europe and ROW)	916 MHz (ISM band) / 869 MHz
Syncing / Pairing Requirement	None
Registration Identifier (US FCC / Canada IC)	TLV-WPO1000 / 6143A-SWPO1000
Number of Concurrent Riders in Localized Area	Up to 1,024

POWER MANAGEMENT

Source of Power	SuperMic: portable radio battery Motorcycle Cable Kit: motorcycle battery
Power Draw of SuperMic	Standard usage draws less than 5% of portable radio's battery capacity
Battery Recharging	None

RADIO COMPATIBILITY

Motorola APX / XPR Series	Yes
Motorola JEDI-series²	Yes
Motorola HT750, HT1250, GP-360	Yes
Harris P7300, P5400, XG-25P, XG-75P	Yes
Harris XG-100P	Yes
M/A-COM Harris P7300, P5400	Yes
M/A-COM JAGUAR, 700P, 5100P, 7100	Yes

RADIO USAGE

On Motorcycle	Transmit: portable radio Receive: portable radio
Off Motorcycle	Transmit: portable radio Receive: portable radio

WATERPROOF

SuperMic	Yes (IP-X7) ³
Motorcycle Cable Kit / Black Box	Yes (IP-X8) ⁴
Handlebar Push-to-Talk Switch and Boot	Yes (IP-X8) ⁴
SuperMic and Transmitter Circuit Boards	Conformal coated

AUTO MUTE

SuperMic Speaker	Auto mutes when helmet kit is plugged in
SuperMic Microphone	Auto mutes when helmet kit is plugged in

OTHER FEATURES

Quick Release Connectors	Helmet kit connection uses quick-release Nexus connector
SuperMic Pigtail Connector	Custom molded with EZ Grip plastic coating
Backward Capability	All Setcom KE and KA helmet kits (Listen-Only)
Ear Bud Jack	Optional accessory. Setcom part number 25-KE2EB.
Easy Installation	Usually installs in less than 20 minutes on a Harley-Davidson police motor

¹ U.S. Patent 8,010,171

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

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

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