

Rugged and weather resistant, the motorcycle kit for the M7100^{IP} mobile is designed to facilitate the communications needs of users on motorcycles. This kit provides the equipment needed to mount an M7100^{IP} mobile on a motorcycle and is available as a factory option for new M7100^{IP} mobiles or a field upgrade option for M7100^{IP} mobiles already in use.



Product Overview

This kit allows an M7100^{IP} mobile to provide motorcycle users with the same level of service offered to other M7100^{IP} users. The M7100^{IP} is available in VHF, UHF, and 800 MHz. It provides reliable communication for the officer on the front line, through day-to-day operations, and in emergencies.

The motorcycle kit is available through two options: a factory option ordered with the mobile so that the M7100^{IP} is delivered ready for mounting or a field upgrade option ordered to convert an existing M7100^{IP} for motorcycle applications.

Extremely Rugged

This kit includes a MIL-STD, weather-resistant locking radio case with integral antenna ground plane. Additionally, a radio case mounting plate kit keeps the case and radio

securely in place on the back of the motorcycle.

Weather Resistant

Both the standard M7100^{IP} microphone and speaker are built to meet the stringent MIL-STD specification for wind-driven rain required for motorcycle applications.

Detailed Components

The kit contains elements to promote ease of operation, including power/control cables, radio box, ignition cable, installation hardware, fuse kit, alternator whine reject filter, and microphone hanger.

Features

The motorcycle kit is available in both System and Scan models. The 16-character alphanumeric display and large, easy-to-operate buttons assist the

user who may be operating the radio while driving a motorcycle.

The kit is capable of supporting an external headset, ignition A+ sensing, external encode/decode devices as well as siren/public address systems.

Options and Accessories

Various motorcycle headsets and antennas are available to better facilitate communication needs.

For More Information

For more information about this or any other M/A-COM Wireless Systems product, call toll free in the U.S. 1-800-368-3277. From outside the U.S. call 1-434-455-9223 (Asia Pacific), 1-434-455-9229 (Latin America and Middle East), and 1-434-455-9219 (Europe).

General Specifications

Dimensions (H x W x D):

Motorcycle Case:
4.6 x 10.1 x 17.6 in.
(117 x 257 x 448 mm)

Weight:

Radio Case with Mounting
Bracket and Hardware:
21 lb (9.5 kg)

Options and Accessories

Antennas
Headsets

Power

	Standard M7100 ^{IP} for North America (W)	M7100 ^{IP} Motorcycle for North America (W)
VHF:	50	25
UHF:		
378-450 MHz	50	25
450-512 MHz	50	25
800 MHz:	35	25

	Standard M7100 ^{IP} for Europe (W)	M7100 ^{IP} Motorcycle for Europe (W)
VHF:	25	25
UHF:	20	20

Standard Equipment

The equipment listed below comes standard with the motorcycle kit.

- Power/control cables
- Radio box
- Ignition cable
- Installation hardware
- Fuse kit
- Alternator whine reject filter
- Microphone hanger

Factory Option

A mid-power remote-mount M7100^{IP} mobile for North American applications and a low-power remote-mount M7100^{IP} mobile for European applications can be ordered as an option so that the M7100^{IP} is delivered ready for mounting on a motorcycle.

Field Upgrade Option

A mid-power remote-mount M7100^{IP} mobile for North American applications and a low-power remote-mount M7100^{IP} mobile for European applications can be converted for mounting on a motorcycle.