

GPS Speaker Microphone

The Global Positioning System (GPS) Speaker Microphone is versatile and compact, and provides communications for P7200, P7100^{IP}, and P5100 Portables. The speaker mic integrates a GPS antenna and receiver into a single, efficient package. Designed to meet the critical communication demands of public safety users, the GPS Speaker Microphone complies with MIL-STD-810E specifications.



Product Overview

Efficient Design

Designed to fit a range of user applications, the GPS Speaker Microphone provides voice communications and enables GPS data to the radio. The efficient layout of controls makes the speaker mic easy to use. It includes an emergency button, earphone jack, and a rubber PTT. A clothing clip that rotates a full 360 degrees provides complete accessibility.

Versatile Features

The GPS Speaker Microphone offers a variety of features to meet the needs of a range of users.

- Direct connection to the P7200, P7100^{IP}, and P5100 UDC interface*
- Integrated GPS Antenna
- Advanced 12-channel parallel receiver
- Low power consumption
- No GPS user controls – all GPS functions are controlled by the radio
- ROHS compliant

Durable Construction

Durable construction enables the GPS Speaker Microphone to function in harsh environmental conditions. The unit meets

MIL-STD-810E specifications for rain, salt fog, humidity, sand and dust, solar radiation, altitude, temperature, vibration, and shock.

For More Information

For more information about this or any other M/A-COM Wireless Systems product, call toll free in the U.S. 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).

*GPS functionality is supported in EDACS[®], OpenSky[®], or P25 trunked systems only with data capability.

General Specifications

Approximate Weight (oz):

7.5

Operating Temperature Range:

-22 to +146°F
(-30 to +60°C)

Cable:

38-inch extended coil cord, shielded

Cable Pull (lb):

40

Cable Flex (cycles):

25,000

PTT Operations :

1 million nominal

Clothing Clip:

Rotates 360° with positive detents every 45°

Microphone Specifications

Type:

Electret Condenser

Typical Sensitivity (dBV):

-62

Frequency Range (Hz):

300 to 3000

Speaker Specifications

Type:

40 mm dynamic

Sound Pressure Level:

95 dB minimum

Frequency Range:

300 to 3000 Hz

Impedance:

Matched to Radio

Power Handling (W):

1.0