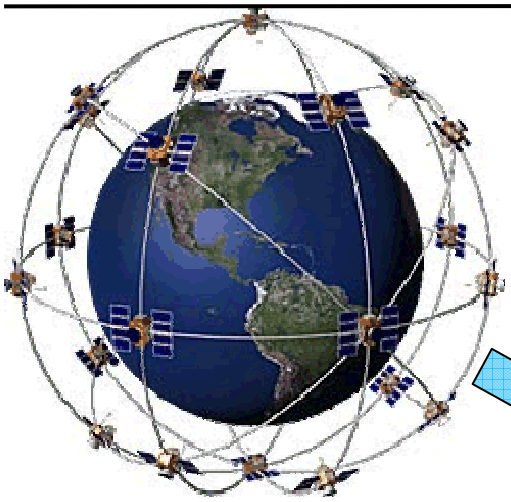
Mobility Sound

GPSMic Series for 2 way Radio



New GPSMic System

Life Safety
Rugged Construction
Waterproof
Send Your Position over Your Radio

Remote GPSMic

The GPSMic is a revolutionary remote GPS micphone that works with virtually any two-way radio. In addition to operating as a standard remote GPS device, the GPSMic also utilizes Global Positioning System (GPS) satellites to send automatic reports on the user's position. Location reports can be sent automatically or manually (whenever the user depresses the PTT key) and are displayed at the dispatch location using a GPSMic and a personal computer running a dispatch or mapping software application.

Send Data by Radio

BSU

Base Station Unit

The BSU is part of a complete location reporting system that helps you keep track of your manpower. This system consists of one or more GPSMic, which receive location information directly from Global Position Satellites, plus a GPSMic and a personal computer or the currently installed CAD or Google dispatch application.

http://www.mobilitysound.com.tw mobilitysound@gmail.com

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GPSMic Features

- Single, rugged unit is both a standard remote speaker microphone and a personal Global Positioning System (GPS) location device. Convenient, efficient, affordable, secure.
- Works with virtually any two-way radio system—single or multiple channels, conventional or trunked system, across VHF/UHF frequency range.
- Can be used with both vehicle and handheld radios. Built-in earphone jack allows connection of a single-wire earphone kit for privacy.
- On-board memory stores up to 1,300 location reports for easy download and archiving using a wired connection to the GPSMic or over-the-air reporting.
- High sensitivity GPS receiver which allows for better reception of GPS satellite signals.

Position Reporting Options

- Position reporting can be programmed to operate in many modes. Modes can be combined. They can be applied to single mics, groups, or system wide. Over-the-air reprogramming can help respond to changing needs and emergency conditions.
- Polling Mode: Reports location only when requested by the Base Station.
- PTT Mode: Reports location when the user presses the push-to-talk switch. Minimum time between reports can be set to minimize data transmissions. Reports may be sent at the beginning or the end of the user's voice transmission.
- Fixed Time Mode: Reports location automatically at set intervals.
- Relative Distance Mode: Reports location whenever the user moves more than a set distance from his or her own last reported position.
- "Geofence" Mode: Reports location and sends alert whenever the user moves more than a set distance from a specific defined location.

GPSMic Location Reporting System Features

- Transmits GPS location and other information as data over an existing non-compressed voice radio channel. Dedicated data channel is NOT needed.
- Operates standalone or can be integrated into an existing AVL system. Our simple Application Programming Interface (API) allows the GPSMic system to be used with third-party mapping and dispatch software packages.
- Simple, standalone installations use a GPSMic configured as a Base Station Unit (BSU).
- Fully configurable and controllable using GPSMic Tools software suite. Most operating parameters are programmable for the system, defined groups, or individual subscribers. Extensive over-the air, on-the-fly capabilities maximize flexibility.
- Vigorous reporting and acknowledgment protocol helps ensure that location reports are not missed even under weak signal conditions.
- The base station or dispatcher can request location information at any time for all subscribers, predefined groups, or individuals.
- Firmware-upgradeable to enable additional features and functionality revisions.
- Automatic location reports are sent only when the microphone detects a clear channel. This helps avoid collisions with other traffic through user configurable means.

GPSMic Specifications

- Physical Size :66x90x50 mm
- Weight : TBD
- Material : Plastic
- Waterproof : IP56
- Operating Voltage : DC7.2V
- Operating Temp. : -20~80 degrees C
- Operating Current : <70mA
- GPS Sensitivity : -159dBm
- GPS Frequency Band : L1 ,1.575GHz
- Cold Start : <42 seconds in open sky

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Ordering Information

Model Number	Description
GPSMic	GPSMic x1, USB cable x1, Charger x1, CD-ROM x1
QD-XX	QD Radio connectors see next page

GPSMic QUICK DISCONNECT SERIES

"PRATICAL SOLUTIONS, SUPERIOR VALUE"

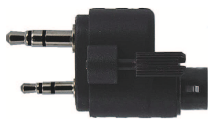
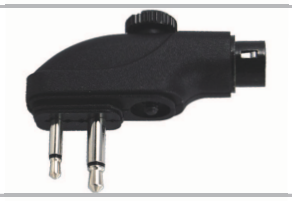
The **Quick Disconnect** is available for a wide range of radios, offering additional convenience and simplicity. The **Quick Disconnect** will allow the user to easily connect and disconnect a MobilitySound audio accessory, yet is secure enough to be used in most situations. All **Quick Disconnect** accessories are interchangeable with all **Quick Disconnect** Adapters and Pigtails, making communications convenient for large businesses that use multiple brand radios. The **Quick Disconnect** pigtails and adapters also prevent wear and tear, prolonging the life of your radios.

MobilitySound
4Fl., No. 287, Sec. 4 Chengde Road, Shih Lin, Taipei, Taiwan 11168
Tel: 886 2 2882 9178 Fax: 886 2 2881 8012 www.mobilitysound.com.tw

QUICK DISCONNECT ADAPTERS

"PRATICAL SOLUTIONS, SUPERIOR VALUE"

Check the "Radio to Connector Table" for the compatible radio models

Radio Brand	Part No.	Image	Radio Brand	Part No.	Image
MA/Com	HMA1		Motorola	HM3	
MA/Com	HMA2		Motorola	HM4	
MA/Com	HMA3		Motorola	HM5	
EF Johnson	HEF1		Motorola	HM7	
E-Tech	HE4	NEW 	Motorola	HM9	NEW 
Kenwood	HK2		Motorola	HM10	NEW 
Icom	HS5		Vertex	HY2	
Simoco	HS8	NEW 	Vertex	HY4	NEW 
HYT	HT2	NEW 	Vertex	HY5	

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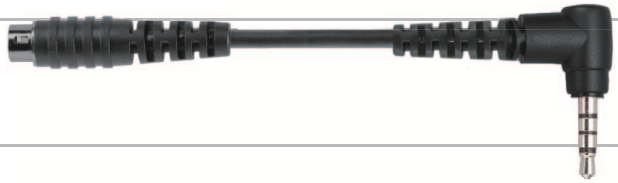
QUICK DISCONNECT PIGTAILS

"PRATICAL SOLUTIONS, SUPERIOR VALUE"

Check the "Radio to Connector Table" for the compatible radio models

Radio Brand	Part No.	Image
Entel	HE2	
Ritron	HE3	
Kenwood	HK1	
Motorola	HM1	
Motorola	HM2	
Icom	HS1	
Maxon	HS2	
Icom	HS3	
Maxon	HS4	
Icom	HS6	
Vertex	HY1	
Vertex	HY6	

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