EAR2001-SEM

STEALTH EAR MICROPHONE™

WITH EM2™ TECHNOLOGY

- Interfaces with most Portable and Mobile Two-Way Radios.

- Self-contained PTT button is mounted on the control unit and situated 90 degrees away from any clothing to prevent any accidental activation of the transmitter.

- EM2™ Technology, includes a custom ear piece which provides for automatic attenuation of background noise without external switches or gain controls.

- The Stealth Ear Microphone™ controller is completely waterproof. The locking connectors and local PTT switch are water resistant. An optional sealed waterproof PTT switch is available.

- The control module is covered by a LIMITED LIFE TIME REPLACEMENT WARRANTY. The ear piece, radio interface cable, remote PTT button and its cable are warranted against defects in material and workmanship for one year.

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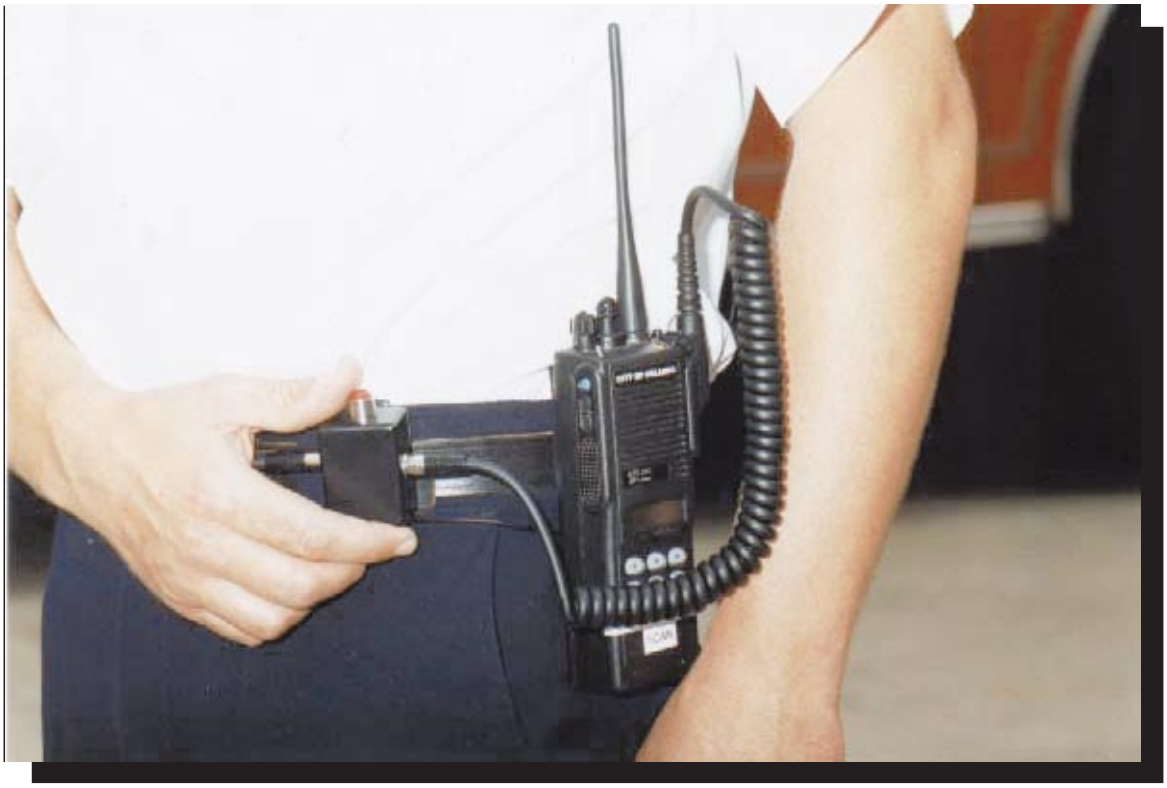
PANTHER
ELECTRONICS
St. Cloud, FL 407-957-1600
http://www.radiodata.com/panther/

VISIT OUR OTHER WEB SITE AT: www.racespace.com for information.



EM2 SYSTEM™

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GENERAL DESCRIPTION OF THE EM2 SYSTEM™

The complete EM2 System™ provides the wearer "hands-free" communications when used with a portable two-way radio and remote push-to-talk button. The accompanying microphone/transducer assembly provides ear piece audio from the transceiver and microphone audio to the two-way radio transceiver. To prevent accidental activation of the transmitter, the push-to-talk button is conveniently located on the controller module and is situated 90 degrees away from any clothing.

Locking connectors on the EM2 System™ enables the user to maintain communications during unusual shock or vibration sometimes experienced in the operation of snowmobiles or all-terrain vehicles.

A custom ear piece provides the wearer ultimate comfort, noise attenuation, and safety when worn with the associated head gear. This ear piece contains the transducer/microphone components and is attached to the cord via a molded connection.

The optional remote push-to-talk button has a locking connector at the control unit end and a quick disconnect connector at the remote push button end. This push-to-talk button can be securely attached to the mounting surface (i.e., handle bar or steering wheel) using a hook and loop strap (Velcro).

When the push-to-talk switch is depressed, the portable radio is keyed to transmit and the transducer/microphone provides transmit audio to the transceiver. When the push-to-talk button is released, the ear piece transducer provides receiver audio to the ear. All receiver audio functions are controlled by the portable transceiver.

TECHNICAL SPECIFICATIONS

Output impedance	1,000 OHMS @ 1 Khz
Undistorted output	500 mV maximum self compensating across a 1K resistive load
Maximum Speaker power capacity	500 milliwatts
Frequency response	300 to 3000 Hz
Operating temperature	-30 to + 60 degrees C
Size	1.5" x 2.00" x 1.00" (sealed switch model)
Weight maximum	4.5 ounces
Operating voltage	1.5 to 4.5 volts DC
Current consumption	10 uA
Background Noise Attenuation (No External Switches)	Automatic Self Limiting
RF and Noise Shielding	Internal
Specifications Subject To Change Without Notice	

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