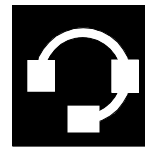


SPECIFICATIONS

- ④ Audio Output Up to 125 dB, spl at the speaker face; 95 dB at 3 meters
- ④ Housing Watertight, decontaminable, Polycarbonate
- ④ Attachment Self-locking, stainless steel belt clip and Turn-Out coat clip
- ④ Mic/cord Electret Throat Microphone (THR-3), High Flex cord; withstands 105C
- ④ Mic Connector Coaxial mini-UHF, Mil Std construction
- ④ Attributes Weight 392 g. Height 132 mm, Width 97mm. Depth 38 mm.
- ④ Power Supply 9 Volt, alkaline battery, NEDA 1604A, nominal 12hr duty cycle
- ④ Battery Chamber Sealed, watertight enclosure
- ④ Controls Large, rotary and slide switches for gloved hand operation

APPROVALS AND LISTINGS

LOUDMOUTH approved for use in methane-air mixtures by MSHA.(Approval No. 9B-161-0)



EARMARK®

A division of
Redco Audio Inc.

515 Fan Hill Rd., Monroe, CT 06468

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OWNER'S MANUAL

OPERATING INSTRUCTIONS FOR LOUDMOUTH™ MODEL LMT-2 & LMT-2S

I DESCRIPTION AND GENERAL INFORMATION

The LOUDMOUTH™ (model LMT-2 & LMT-2S) is a battery powered voice amplifier. Designed for individuals who work in difficult environments. The LOUDMOUTH™ utilizes a combination of built-in features and available microphones to assure that you have precisely the right system for your specific application.



Built-in features include:

- ④ Local voice amplification up to 125 dB
- ④ Watertight Polycarbonate housing
- ④ Large switches for gloved hand operation
- ④ Stainless-steel clips
- ④ Uses standard 9V alkaline battery

Special purpose microphones included with your LOUDMOUTH™ :

- ④ LMT-2 includes a *Throat Mic*; excellent for respirators and situations where you have your SCBA mask on and off frequently or are wearing protective clothing too restrictive for a regular headphone. (replacement part # **THR-4B**)
- ④ LMT-2S includes a *SAC (Surface Adhering Contact) Mic*; sticks on the Outside of the SCBA faceplate and translates vibrations into clear speech, even through a nose cup (replacement part # **SAC-4B**).

II SETUP:

1. Remove the LOUDMOUTH from its package.
2. Install a fresh, 9 Volt alkaline battery.

Turn the LOUDMOUTH "OFF" by turning the volume switch counterclockwise until it "clicks". Remove the LOUDMOUTH from the SCBA harness or belt. Loosen the two thumb screws on the back of the LOUDMOUTH case and remove the battery cover. Pull up on the ribbon to eject the old battery and slide in a new battery. **Observe proper polarity (the same pin goes in first).** Do not force the battery down; if it is difficult to insert, you may have the battery upside down.



Battery Cover location



Inserting battery

Replace the battery cover and assure that the thumb screws are finger tight (not tightened with pliers). Inspect the battery cover seal to make sure it is evenly compressed.

WARNING: Batteries must be changed in an area known to be non-hazardous.

3. Turn your Loudmouth "ON" with the rotary ON-OFF/ Volume switch and verify battery condition. Put the unit close to your ear and listen for a slight hiss. If you can't hear the hiss with the volume turned up, change the battery before proceeding. Before moving to Step 4, turn the unit "OFF" and proceed.



Microphone cord installation

4. Connect the microphone cord to the LOUDMOUTH. Screw it down finger tight. Do not tighten with pliers.

5. Mount the LOUDMOUTH on your belt, SCBA harness, or Turn-Out Coat using the wire bale on the back of the case.



Using the wire bale

THROAT MICROPHONE (LMT-2):

Place the Throat Microphone on your neck. Position the Throat Microphone around your neck. Assure that the cord exits over the top of the Throat Microphone Band, as if it were pointing slightly forward and up. The Microphone capsule should sit in the small hollow between the two, large throat muscles. If you place your fingers in the side of your neck and slide them towards the front, you'll feel a slight indentation at the muscle transition point. Place

the capsule of the Throat Microphone right on the transition, not on your Adam's Apple.



Operating Tips:

If the Band feels too tight, you may loosen it by "unwinding" the Band. If it feels too loose, tighten it by "winding" is closed. For maximum positioning security, attach the Velcro closure to keep the Band from loosening.

SAC MICROPHONE (LMT-2S):

Earmark's SAC Mic sticks to the outside of your SCBA mask. It works best when attached to a hard lens. Some masks have speaking diaphragms with protective shields. The SAC Mic can be attached to the protective material above or around the speaking diaphragm (but, not the diaphragm itself). If your mask has a soft lens, the speaking diaphragm shield may be your best alternative. **Follow the installation steps provided with the SAC Microphone package.**



Operating Tips:

Make certain there are no loose, hard materials vibrating on the SCBA lens. The microphone "hears" them and broadcasts them as a buzzing sound. When using the SAC Mic with the Loudmouth Speaker Mic, position the microphone on the side of your mask opposite the side where you plan to wear the Amplifier (left or right). This will minimize chances for audio feedback if you turn up the volume.

III CONTROLS AND OPERATION:

A. ON/OFF VOLUME SWITCH

This switch turns the LOUDMOUTH "ON" and provides continuous volume control from minimum to maximum. The switch is specially designed to be operated with gloved hands.



B. TALK SWITCH

A sliding "TALK" switch is located next to the volume switch which allows you to disable the speaker (left) for private conversation, or enable it (right).

Volume & Talk Switches