

# ALAMO SHOOTERS

## EAR GADGETS

### HAWK

#### Lapel Microphone

The HAWK lapel microphone is quickly becoming an industry standard for law enforcement. It is lightweight, easy to conceal and best of all, the whole unit is essentially on one cable.

The unidirectional microphone easily attaches to the users garment by way of a metal rotating clothing clip. The microphone also sensitive to a whisper so there is no need to turn your head into your shoulder to communicate.

This unit comes with an additional Rubber Ear-Mold which allows the user to hear ambient sound as well as the radio. Also, two rubber ear tips are provided to block out the ambient sound when necessary.

Now with the addition of the Quick Release™ feature the user can remove the unit from the radio and still leave the adapter on the radio. This allows the user to remove the radio from the body without having to remove the entire unit from under their clothes. And remember with a Quick Release™ adapter attached to your radio, it will function in it's normal manner.



Part# EP12200 is compatible with the following radios

Motorola Radios:  
GP 900/9000, HT 1000, JT 1000  
MT 2000, MTS 2000,  
MTX 635/960/8000/9000/L5  
XTS 1500/2500/3000/3500/5000

Hardware Specs  
Weight 2.7 oz  
Cable Pull Typically 25 lbs.  
Cable Jacket Polyurethane  
PTT Operations > one million  
Operating Temp -30°C to +75°C

Electrical Specs  
Sensitivity -60dB ± 3dB @ 1k Hz  
Frequency Range 300 to 3000 Hz  
Operating Voltage 1.5 to 12 V  
Current Draw < 500 uA  
Impedance (spkr) 150 ohms ± 20% @ 1 kHz  
(mic) 1000 ohms  
Sound Pressure Lvl > 75 db

### JAGUAR

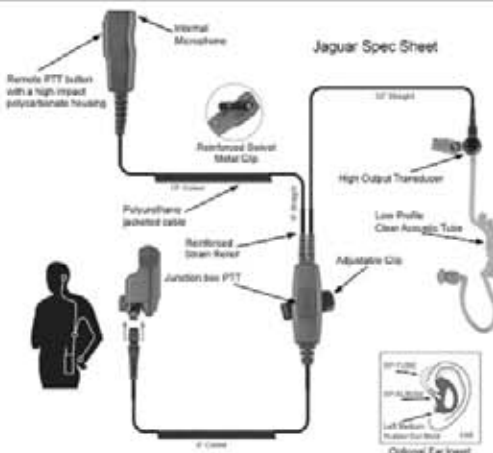
#### Two-Wire Surveillance Microphone

The JAGUAR Series Surveillance Microphone has been improved with the addition of the Quick Release adapter. The QR adapter makes it easy when plain clothes operations are essential.

The JAGUAR series is ideal for special undercover operations. With the microphone being so sensitive, the user can turn his head in the upright position in any direction and still be heard. You will never compromise your surroundings.

This kit comes equipped with a belt clip push-to-talk button so as the unit is worn under your clothes you only have to reach up to your belt to activate the microphone. The microphone that this kit is outfitted with can be used as a palm microphone or a lapel microphone. It has a rotating metal clothing clip and a side mounted push-to-talk button.

The ear piece is a clear acoustic tube that can be outfitted with either an open ended ear mold that allows the user to hear ambient sound as well as the radio or an ear tip that blocks the ambient sound so that you only hear you radio. Both the ear tip and an open ended ear mold are included in this kit making this a more functional unit.



Hardware Specs  
Weight 4.6 oz  
Cable Pull Typically 25 lbs.  
Cable Jacket Polyurethane  
PTT Operations > one million  
Operating Temp -30°C to +75°C

Electrical Specs  
Sensitivity -60dB ± 3dB @ 1k Hz  
Frequency Range 300 to 3000 Hz  
Operating Voltage 1.5 to 12 V  
Current Draw < 500 uA  
Impedance (spkr) 150 ohms ± 20% @ 1 kHz  
(mic) 1000 ohms  
Sound Pressure Lvl > 75 db

### RHINO

#### The Heavy-Duty Speaker Microphone

The heavy duty and water resistant RHINO speaker microphone was designed and built with the daily activities of law enforcement personnel in mind. It allows you to talk and listen without having to reach for your radio.

The Microphone and speaker are housed in a rubber sealed high-impact resistant polycarbonate casing allowing it to be used in wet environments. There is a metal clothing clip that rotates a full 360 degrees allowing it to be placed anywhere on a standard uniform. The heavy-duty construction is completed with polyurethane cables allowing the unit to withstand more extreme environments.

When purchased with the addition of the Quick Release™ feature the RHINO speaker microphone becomes the most versatile starting point for all security applications.



Part# EP2143 is compatible with the following radios

Motorola Radios:  
EX 500/600, GL 2000,  
GP 328Plus/338Plus/344/368,  
PRD 5150Elite

Hardware Specs  
Weight 8.2 oz  
Cable Pull Typically 30 lbs.  
Cable Jacket Polyurethane  
PTT Operations > one million  
Operating Temp -30°C to +75°C

Electrical Specs  
Sensitivity -60dB ± 3dB @ 1kHz  
Frequency Range 300 to 3000 Hz  
Operating Voltage 1.5 to 12 V  
Current Draw < 500uA  
Impedance (spkr) 150 ohms ± 20% @ 1kHz  
(mic) 1000 ohms  
Audio Output Level 1 watt

# ALAMO SHOOTERS

## EAR GADGETS



CLEAR



CLASSIC



MODERN

### FOX

#### Listening Only EarPhones

The comfortable 15mm speaker produces a rich, full, natural sound and rests securely in your ear.

The adjustable speaker can swivel allowing both the Classic and Modern ear-hooks to fit in either ear. The speaker can also be adjusted up or down to accommodate any size ear.

The Clear Fox earphone is formed from high grade surgical tubing that is attached to a high output speaker that connects discreetly below the collar.

The Rubber Ear-Mold is the ideal accessory for use with any Acoustic Tube. The silicone rubber ear insert allows the user to hear all ambient sounds. It is lightweight and can be worn comfortably for hours.

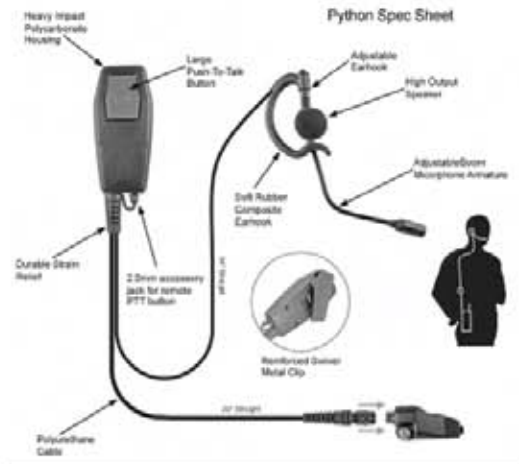
### PYTHON

#### Boom Microphone

Lightweight and comfortable, this boom microphone is constructed of a soft rubber composite that can be worn comfortably, and hold the headset firmly in place all day long.

The large push-to-talk button is mounted in a rugged polycarbonate housing for maximum durability and it has an accessory jack that will accept an additional push-to-talk button.

The adjustable speaker design will adjust to fit comfortably on any size ear, without having to disassemble the headset. The rotating microphone design can swivel 180 degrees, allowing the headset to be worn on either ear. This unit is equipped with a high-quality electric condenser microphone element positioned at the end of a flexible arm.



**Hardware Specs**  
 Weight: 2.5 oz  
 Cable Pull: Typically 25 lbs.  
 Cable Jacket: Polyurethane  
 PTT Operations: > one million  
 Operating Temp: -30°C to +75°C

**Electrical Specs**  
 Sensitivity: 40dB ± 3dB @ 1k Hz  
 Frequency Range: 300 to 3000 Hz  
 Operating Voltage: 1.5 to 12 V  
 Current Draw: < 500 uA  
 Impedance: (spkr) 32 ohms ± 20% @ 1 kHz  
 (mic) 1000ohms  
 Sound Pressure Lvl: > 72 db

### PANTHER

#### Bone Vibration Microphone

The PANTHER all-in-ear integrated microphone and speaker is the ideal earphone for any tactical situation. It gives the user the ability to speak and be heard without any complications. The earpiece is constructed from a soft silicone rubber and fits completely in the user's ear.

The In-Ear microphone design is unaffected by ambient noises, such as loud music and wind. It can be worn comfortably and used effectively with any type of helmet, gasmask or any other type of equipment that might muffle a users voice.

This unit has a Push-To-Talk button with a metal rotating clip that will allow it to be attached anywhere on a uniform. The Push-To-Talk button also has an accessory jack that will accept an addition Push-To-Talk button. This secondary Push-To-Talk button can be run down the user's sleeve and mounted on a finger.



# ALAMO SHOOTERS

## EAR GADGETS

# Chameleon

**Tactical Ear Gadgets**  
 "Two-Way Radio Audio Accessories"

### TRANSFORMABLE LAPEL MICROPHONE



Chameleon shown here with optional throat microphone

#### FEATURES

- ▶ Removable earpiece
- ▶ Accessory jack for additional microphone
- ▶ Volume Control
- ▶ Accessory jack for an additional Push-To-Talk button
- ▶ Ambidextrous Push-To-Talk buttons



External Microphone ON/OFF switch  
 Use this switch to disable the internal microphone and enable an external microphone.

#### Chameleon Specifications

##### TOP



Earphone/External Microphone Jack

Internal Microphone

Earphone/External Microphone jack will accept, "Listening Only" earpieces, bone vibration, throat and boom microphones.

Optional Bone Vibration Microphone

##### BOTTOM



External PTT jack  
 Allows you to connect an additional Push-To-Talk button.

Clear Tube Earpiece  
 Note: Earpiece and external microphone can not be used at the same time.

##### LEFT SIDE



PTT Button

Volume Control can be used to adjust the earpiece audio level. Convenient when the radio is worn on the back.

##### RIGHT SIDE



PTT Button

2.5mm Push-To-Talk Button Accessory Jack



**Chameleon Microphone**

Optional Ring Finger Push-To-Talk button