

Surveillance Kit

EXTRA COVERT, EXTRA CLARITY

Surveillance Kit

With Clear Acoustic Earpiece

KEY ATTRIBUTES AND FEATURES

This new surveillance-styled accessory comes standard with a clear acoustic tube earpiece. The clear earpiece enhances discreet and covert communication with improved sound quality over the receive speech frequency range (see chart 1). Soft rubber earpiece also provides comfortable wearing even for prolog use.

Ideal for public/private security and 2-way users desiring covert communication while maintaining a professional, customer friendly image.

- **Professional Radio Series -**

GP328/GP338, GP329/GP339,
GP328LS/GP338LS, PTX700/760/780,
MTX900/960, ATS2500, LTRPRO Series

- **Professional Mini-Radio Series -**

GP328Plus/GP338Plus, GP329Plus/339 Plus,
GP338XLS, PTX700Plus/760Plus

- **Entry-Level Radio Series -**

GP3188/3688/3189/3689, GP308/GP885,
GP2000 Series, GP300/GP88

Key feature highlights:

- Professional appeal with discreet design
- Superior sound clarity
- Extra comfortable for long usage



PART NUMBERS:

PMLN4606A	2-Wire Surveillance Kit with Clear Acoustic earpiece (dual pin)
PMLN4607A	2-Wire Surveillance Kit with Clear Acoustic earpiece (Professional Series)
PMLN4608A	2-Wire Surveillance Kit with Clear Acoustic earpiece (Professional-mini Series)

Add-on Optional Kit

PMLN4605A** Clear Acoustic earpiece



PMLN4605A

** can be attached to improved audio kits - PMLN4294D, PMLN4418B, PMLN4519B for an enhanced covert solution

TECHNICAL SPECIFICATION

PTT Housing & Cable Assembly Specifications

PTT casing dimensions	W31 mm x H1 8mm x T1 1.4mm (max)
Approximate weight	40 grams
Casing material	Flame retardant ABS
Cable pull on connector	min 9Kgf
Cable flex on plug	min 1 OK cycles
PTT operation	min 1 OOK cycles
Cable/acoustic tube	Environmental preferred, non-toxic material

Microphone Specifications

Type	Electret, Omni-directional
Impedance @1 KHz	1.6k ohm ± 20% at 1 KHz
Sensitivity	-42dBV4dB at 1 KHz
Frequency response	300Hz to 3KHz
Operating voltage	4.5V, max 1 OV

Speaker (Ear Bud) Specifications

Type	10mm Dynamic Mylar
Impedance 1 KHz	502 ohm ± 5%
Sensitivity 1 Khz, 1 mW	94dB ±4dB
Distortion 1 KHz, 1 mW	below 5%
Frequency response	300Hz to 3KHz
Normal power input	1 mW
Max power input	5 mW max

Environmental Specifications

Operating temperature	-30°C to + 60°C
Storage temperature	-55°C to + 85°C , 24hrs
Thermal shock	-40°C to+ 85°C
	MIL81 OF Method 503.4 Procedure 1
Humidity	90%-95% RH @ 50C for 8 hrs
Rain	MIL81 OF Method 506.3 Procedure 2
Salt/Fog	MIL810E Method 509.3 Procedure 1
Dust	MIL810E Method 510.3 Procedure 1
Vibration	MIL810E Method 514.4 Procedure 1, Cat 10
Electrostatic discharge	15KV max. (IEC 801-2)
Approval	CE, EME
FM approval	PMLN4607 for WARIS Professional Radio
	PMLN4608 for Professional-Mini Radio

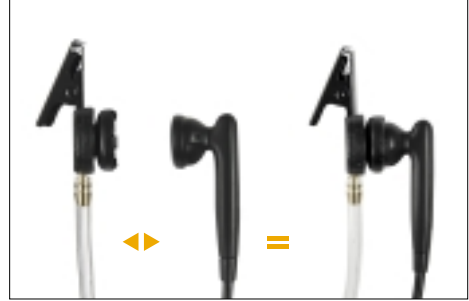
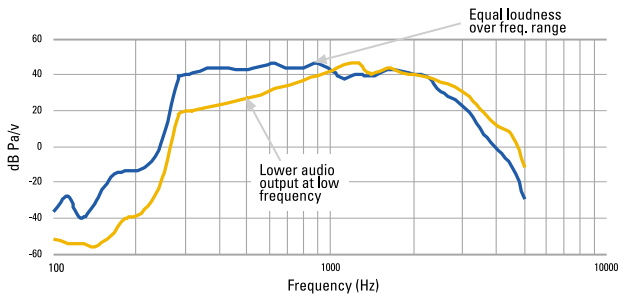


Chart 1-Comparison of Audio Loudness

Audio Loudness Rating

— Acoustic Tube Earpiece — Typical Earpiece without Acoustic Tube



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Stringent Motorola Accelerated Life Testing simulating five years of hard use in real life: IFA-85-3168 in Shock, Vibration, Dust, Humidity, IP54 for Sealing



Compliance with ISO 9001 Standard on international quality system assurance on design, development, production, installation and servicing of a product.



Stamp of Approval from the U.S. Military for use in rough environment.



ORIGINAL
 accessories