

PMLN5728A MagOne Swivel Earpiece Receive Only
TETRA MTP3000 Series
Engineering Specifications

PERFORMANCE CHARACTERISTICS

Receive Method:	Single-side earpiece
Push-to-talk (PTT):	No
Voice Activation (VOX):	No
Hot Mic Feature:	No
Noise Cancelling Microphone:	No
Receive only:	Yes
Extra VOX-switch on PTT:	No
Use Case Environment:	Commercial Level Entry Accessory

PHYSICAL CHARACTERISTICS

Type:	Earpiece
Transmit via:	No
Cloth Clip:	No
Colour:	Black
Configuration:	Swivel Earpiece with Ear Hanger

STANDARDS EME, RTTE

Acoustics

Speaker

Speaker Diameter:	18mm
Impedance:	8Ω ± 15% at 1 kHz.
Input Power:	1W (Max), 0.5W (Rated)
Output Level:	124dB±3dB at 1 kHz
Maximum Output Level:	< 118dBSPL at maximum radio volume
Frequency Response:	100Hz – 5000Hz
Distortion (THD):	< 5% at 1 kHz at rated audio (89.4mV)

Earpiece housing Specifications

Diameter:	25mm
Case Material:	ABS

Power

Power Source:	Radio Battery
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Cable

Flex Life:	10,000 Cycles (min)
Pull Strength:	10 lbs, Minimum Tensile, for 1 minute
Accessory Connector Case:	Flame Retardant Polycarbonate Black

Last Modified 08/02/2013 – Specifications are subject to change without notice.
Please contact your Motorola TETRA Solutions representative for more information.

Environmental Specifications

Operating Temperature:	-30°C to +55°C
Storage Temperature:	-30°C to +55°C, 24 hours each temperature extreme
Thermal shock:	-30°C to +55°C, 2 hours each cycle for 24 hours
Humidity:	95% Relative Humidity at +50°C for 8 hours
Rain:	N/A
Salt/Fog:	8 hrs exposure to 5% NaCl
Dust:	N/A
Vibration:	Sine vibration - MIL810F Method 514.5
Drop Shock:	30 inches, 1 loop of 6 planes drop
IP Rating:	N/A

Regulatory

EME/ EMC:	no radio degradation
CE:	no radio degradation

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