

Motorola Temple Transducers

Innovative headset design lets users receive audio without covering the ear

Temple Transducers enhance communication and safety by not impairing the user's hearing of the external sound environment. Available as a basic model or rugged model to meet specific user needs.

Two Versions, Basic and Rugged

Conventional headsets can often mask external sounds — from approaching traffic to warning alarms and overhead pages — sounds that are crucial for busy professionals to hear.

Temple Transducer headsets utilize temple receivers that convert audio into sound vibration and transmit it to the inner ear. This allows users to hear both radio audio as well as their surrounding environment. In high noise environments it means that users can wear ear plugs with the headset and still receive audio. Each Temple Transducer headset is designed for all-day comfort and features a frame that can be adjusted for an exact fit. Both feature a boom microphone with replaceable windscreen, and in-line push-to-talk (PTT) with clothing clip. Foam earplugs can be used as needed in high noise environments.



Basic Model
RMN4049



Rugged Model
RMN5049

The Difference Between the Two

Temple Transducers are made of flexible steel and feature a behind-the-head style headset. It is ideal for light manufacturing safety professionals as well as for use in hospitality and service industries.

The Rugged Temple Transducer comes equipped with all the features of the basic model plus a boom microphone and larger push-to-talk button. It features an over-the-head band that is fully adjustable and comfortable for extended wear.

This style allows users to wear head gear over the headset. A water resistant boom microphone is included for use in the rain and a secure cap on the PTT prevents accidental activation. Ideal for construction, manufacturing, security teams, government agencies and special forces.

SPECIFICATIONS

GENERAL SPECIFICATIONS

	Temple Transducer	Temple Transducer	Rugged Temple Transducer
Model Number	RMN4049, RMN4048, PMLN4585, PMLN5011	PMLN5101	RMN5049, RMN5048
MICROPHONE			
Microphone Type:	Omni-directional	Omni-directional	Omni-directional
Frequency Response:	300Hz – 3000Hz	300Hz – 3000Hz	300Hz – 3000Hz
Output:	-49dBV typical	-44dBV typical	-49dBV typical
SPEAKER			
Output:	102dB SPL typical	97dB SPL typical	100dB SPL typical
CONTROLS			
Modes:	In-line PTT	In-line PTT	In-line PTT
Volume Adjustment:	At radio	At radio	At radio
HEADBAND			
Material:	Flexible Steel	Flexible Steel	Flexible Steel
Helmet Compatibility:	Yes	Yes	Yes
BODY			
Weight:	1.93 oz. (without cable)	1.93 oz. (without cable)	5.2 oz. (without cable)
Color:	Black	Black	Black
WARRANTY			
Length:	1 Year	1 Year	1 Year

MODEL NUMBERS AND COMPATIBLE RADIOS

Temple Transducer

RMN4049
HT1000, JT1000, MT 1500, MT 2000,
MTS 2000, MTX8000, MTX9000, PR1500,
XTS® 1500, XTS 2500, XTS 3000, XTS 3500,
XTS 5000

RMN4048
HT750, HT1250, HT1250-LS, HT1250-LS+,
HT1550-XLS, MTX850, MTX850-LS, MTX8250,
MTX8250-LS, MTX950, MTX9250, PR860

PMLN4585
EX500, EX600, EX600-XLS

PMLN5011
BPR™ 40, CP125, CP150, CP200, PR400

PMLN5101
XPR™ 6350, XPR 6550, XPR 6380, XPR 6580,
APX® 7000

Rugged Temple Transducer

RMN5049
HT1000, JT1000, MT 1500, MT 2000,
MTS 2000, MTX8000, MTX9000, PR1500,
XTS 1500, XTS 2500, XTS 3000,
XTS 3500, XTS 5000

RMN5048
HT750, HT1250, HT1250-LS, HT1250-LS+,
HT1550-XLS, MTX850, MTX850-LS,
MTX8250, MTX8250-LS, MTX950, MTX9250,
PR860

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