

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



**MOTOROLA**

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