



PROFESSIONAL WIRELESS  
COMMUNICATIONS

---

Specialist in Two-Way Radio

2024



PREMIUM AUDIO SOLUTIONS

952-746-2500 | [www.PWCMN.com](http://www.PWCMN.com)





# How To Read Our Stock Numbers

## Earpieces

AT	Acoustic Tube
AT1W	Acoustic Tube 1 Wire
AT1W-M	Acoustic Tube 1 Wire with
ATS	Acoustic Tube Straight SWVL Swivel
DR	D-Ring
DRA	D-Ring Adjustable
EB	Earbud
EH	Ear Hook
EHLG	Ear Hook Large
SL	SnapLock
SWVL	Swivel

## Receive Only Earpieces

ROC	Receive Only Coiled Wire
ROS	Receive Only Straight Wire
ATROC	Acoustic Tube Coil

## Earpiece Type

+	Braided Fiber
1W	1 Wire In-Line PTT
1WB	1 Wire Lines Out Bottom Of PTT
2W	2 Wire
3W	3 Wire
AT+2W	Acoustic Tube Braided 2 Wire

## Speaker Mics

SM	Speaker Mic
W	Water Proof
NC	Noise Canceling
L	Long

## Headsets

HS	Headset
HSS	Headset Single Ear
HSD	Headset Double Ear
HSB	Headset Behind Head
HSBHD	Headset Behind Head
HSIE	Heavy In Ear

## Parts

AD	Adapter
ETIP	Ear Tip
BC	Belt Clip



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GET MORE FREEDOM WITH



## Speaker Mic 7 Now Wireless



Indicator Light

Torch LED

Volume Control

3.5mm Jack

IP67 Protection

Equipped with advanced Bluetooth technology, pairing your device is a breeze. Simply connect it to your compatible device and experience crystal-clear audio with no compromise in quality.

## Wireless Speaker Mic.

Bluetooth PTT with 3.5mm jack for earphone



### Function and Feature

- Micro USB charging port
- Indication LED, Blue/Red
- Torch LED
- Volume control
- Multifunction button, answer/end call
- 3.5mm earphone jack
- Ingress protection level IP67
- Heavy duty belt clip
- Optional dock charger

### Specification:

- Operating Temp:  $-20^{\circ}\pm 2C \sim 50^{\circ}\pm 2C$
- Approx. Weight: 25g
- Size 60mm x 28mm x 15mm
- Bluetooth v5.0
- Echo cancellation, noise reduction
- High Quality DAC, Qualcomm CVC built-in
- 80MHz RISC MCU and 80MIPS Kalimba DSP
- Fast Current (260mA) battery charge
- HSP / HFP / A2DP / AVRCP / SPP/ BLE profile
- Support AES-128 and ECC-256
- PTT function: built-in
- Talking Range: Bluetooth class 2, 10 meters
- Display LED: Blue and Red
- DC Current: 21mA (Average)
- Battery: 260mAH rechargeable

### Dock charger (optional)

- Connects up to 10 single chargers with one power cord.
- Charging time is 2.5 hours.



### Supported devices:

Icom / Sepura / Kenwood / Hytera / IOS/Android PTT apps (e.g. Zello / Kodiak / Wave / ESchat / Sonim etc.) Optional adaptor dongle for two way radios (please inquire for more details on compatibility)



## Wireless Pendant PTT & Mic.

Bluetooth PTT with 3.5mm jack for earphone



### Function & Features

- 3.5mm earphone port
- Indication LED, Blue/Red/Purple
- Volume control
- Multifunction button, answer/end call
- Ingress protection level IP67
- Belt clip
- Magnetic charging cable
- Optional dock charger

### Specification:

- Operating Temp: -20°±2C ~ 50°±2C
- Approx. Weight: 25g
- Size 60mm x 28mm x 15mm
- Bluetooth v5.0
- Echo cancellation & noise reduction
- High Quality DAC, Qualcomm CVC built-in
- 80MHz RISC MCU and 80MIPS Kalimba DSP
- Fast Current (260mA) battery charge
- HSP / HFP / A2DP / AVRCP / SPP/ BLE profile
- Support AES-128 and ECC-256
- PTT function: built-in
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- Connects up to 10 single chargers with one power cord.
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### Supported devices:

Icom / Sepura / Kenwood / Hytera / IOS/Android PTT apps (e.g. Zello / Kodiak / Wave / ESchat / Sonim etc.) Optional adaptor dongle for two way radios (please inquire for more details on compatibility)



HOME OF THE ORIGINAL

# BRAIDED FIBER CLOTH®

EARPIECES

3X STRONGER  
90 POUND PULL-STRENGTH

## Braided Fiber Cloth®

Braided Fiber Cloth® cords and PTT's are available in every earpiece in our catalog. Users love the way it lays on the body and how strong they are.

3X STRONGER

Acoustic Tube



C-Ring

Swivel

Ear Hook

Adj. D Ring



## Available Setups

- 1-Wire Kit
- 2-Wire Kit
- Snaplock Earpiece System



# SWIVEL SLIM

## EARPIECES

COMFORTABLE  
SLEEK & SLIM SOLUTION

### Swivel Slim Earpieces

#### Braided Fiber Cloth® Swivel Slim 1 Wire

**SWVLSLIM+1W**

- Slim profile
- Tangle-free
- Enhanced comfort
- Slim in-line PTT & microphone with added shielding

#### Braided Fiber Cloth® Swivel Slim Boom 1 Wire

**SWVLSLIMBOOM+1W**

- Premium Flexible Boom Mic.
- Tangle-free
- Enhanced comfort
- A straight through slim in-line PTT

#### SnapLock SWVL SLIM

**SL-SWVLSLIM**



#### Receive Only SWVL SLIM

**SWVLSLIMROC30**





# SNAPLOCK® EARPIECE SYSTEM

1 WIRE | 2 WIRE | 3 WIRE

AVAILABLE IN:  
BRAIDED FIBER CLOTH  
OR STANDARD RESIN LINE

## SnapLock System PTT/Mic.

### Braided Fiber Cloth® SnapLock 1 Wire

SL+1W



- Improved strength and durability
- Tangle-free
- A straight through in-line PTT / microphone with added shielding
- With male SnapLock connector

### High-Quality SnapLock® Metal-to-metal connector



### SnapLock® 2 Wire

SL2W

- Clip-on PTT with microphone
- With male SnapLock connector



### Braided Fiber Cloth® SnapLock 1 Wire

SL+1WB



- Improved strength and durability
- Tangle-free
- With male SnapLock connector

### Braided Fiber Cloth® SnapLock 2 Wire

SL+2W



- Improved strength and durability
- Tangle-free
- Noise canceling premium microphone with clip-on PTT
- With male SnapLock connector

### SnapLock® 1 Wire

SL1W

- A straight through in-line PTT with microphone
- With male SnapLock connector





# SnapLock® System Earpieces

## 1 or 2 Wire PTTs Braided Fiber® or Resin Cord



### SnapLock In-Ear Hi-Def

SL-HD+IEG Gel Tip  
SL-HDIEF Foam Tip



### SnapLock Earhook

SL-EH Standard  
SL-EHLG Large speaker



### SnapLock Swivel

SL-SWVL



### SnapLock D&C-Ring

SL-DR Adjustable  
SL-DR Standard  
SL-CR C-Ring



### SnapLock Hi-Def Acoustic Tube

SL-ATHD+ Knowles Speaker



### SnapLock Acoustic Tube

SL-AT Premium Acoustic Tube  
SL-ATR Economically priced for retail and hospitality



### SnapLock Covert Ear Tips

SL-ET+2-W White  
SL-ET+2-B Black



### SnapLock 3.5 Connector

SL-F3.5 Female  
SL-M3.5 Male



# Acoustic Tube Earpieces

## Braided Fiber Cloth® Acoustic Tube 1 Wire

AT+1W

- Improved strength and durability
- Tangle-free
- Surgical tubing with UV protection
- A straight through in-line PTT / microphone with added shielding



## Braided Fiber Cloth® Acoustic Tube 2 Wire

AT+2W

- Improved strength and durability
- Tangle-free
- Surgical tubing with UV protection
- Noise canceling premium microphone



## Acoustic Tube 1 Wire

AT1W

- A straight through in-line PTT with microphone
- Surgical tubing with UV protection



## Acoustic Tube 2 Wire

AT2W

- Clip-on PTT with microphone
- Surgical tubing with UV protection



## Acoustic Tube 3 Wire

AT3W

- Surgical tubing with UV protection
- Palm PTT
- Discreet clip-on microphone



See Replacement Parts on Acoustic Parts Page



# Earhook Earpieces

## Braided Fiber Cloth® Ear Hook 1Wire

**EH+1W**

- Improved strength and durability
- Tangle-free
- Enhanced comfort
- A straight through in-line PTT/ microphone with added shielding



## Braided Fiber Cloth® Ear Hook 2 Wire

**EH+2W**

- Improved strength and durability
- Tangle-free
- Noise canceling premium microphone with clip-on PTT



## Ear Hook 1 Wire

**EH1W**

- A straight through in-line PTT with microphone



## Ear Hook 2 Wire

**EH2W**

- Clip-on PTT with microphone



## Ear Hook with large speaker

**EHLG1W**

- Oversized Ear Hook speaker
- A straight through in-line PTT with microphone



# D, C Ring & Ear Bud Earpieces

## D-Ring Adjustable 1 Wire

**DR1W**

**DRA1W**

- A straight through in-line PTT with microphone



## C-Ring 1 Wire

**CR1W**

**CR+1W**

- A straight through in-line PTT with microphone



## Ear Bud 1 Wire

**EB1W**

- A straight through in-line PTT with microphone





# Swivel Earpieces

## Braided Fiber Cloth® Swivel 1 Wire

SWVL+1W

- Improved strength and durability
- Tangle-free
- A straight through in-line PTT
- Enhanced comfort
- Worn outside ear increased hygiene for multi-users



## Swivel 1 Wire

SWVL1W

- A straight through in-line PTT with RF-shielded microphone
- Enhanced comfort
- Worn outside ear increased hygiene for multi-users



## Swivel 2 Wire

SWVL2W

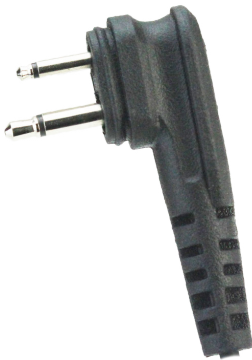
- Clip-on PTT with microphone
- Enhanced comfort
- Worn outside ear increased hygiene for multi-users



# Retail Swivel Earpieces (Coiled Wire)



## SMALLER PTT & COILED CORD



Motorola 2 Pin (MA)



Kenwood 2 Pin (K)



Kenwood PKT-23 (K2)



# ECO PRICE

1-YEAR WARRANTY

25% TO 35% LOWER PRICING

## ECO Pricing Earpieces

### Ear Hook 1 Wire

**EH1WB(eco)**

- Lines out Bottom PTT with Microphone



### Swivel 1 Wire

**SWVL1WB(eco)**

- Lines out Bottom PTT with Microphone



### D-Ring 1 Wire

**DR1WB(eco)**

- Lines out Bottom PTT with Microphone



### Acoustic Tube 1 Wire

**AT1WB(eco)**

- Lines out Bottom PTT with Microphone



### Acoustic Tube 2 Wire

**AT2W(eco)**

- 25% 35% Lower Pricing
- Quality Microphone
- Loud Speaker
- Strong 360 Degree Rotating Clip
- Replaceable Parts
- 1 Year Warranty



# WRAP TIGHT

ADJUSTABLE  
SIZING EARPIECE

ADJUSTABLE CORD LENGTH FOR  
DIFFERENT SIZE PEOPLE

## Wrap Tight Adjustable Sizing Earpieces



### Swivel Wrap-Tight

SWVLWT1W

- A straight through in-line PTT with microphone



### Ear Hook Wrap-Tight

EHWT1W

- A straight through in-line PTT with microphone

### Why Choose Wrap Tight?

- Make it long or make it short
- Wrap-up the extra line for perfect fit
- Premium in-line microphone
- Strong rotating clothing clip

**KEVLAR**  
Cords on All Earpieces

- Industry-leading 90lb pull-strength
- Specialized cable for flexibility in various temperature environments

- Molded stress relief at connector





# TOUCH FREE

## HANDS FREE PTT

AVAILABLE WITH:  
SNAPLOCK EARPIECES

AVAILABLE IN:  
1 OR 2 WIRE KITS

## Touch Free Hands Free PTT

### Wristband Easily Snaps On

The silicone material allows for a fast snap onto your wrist easily for a clean comfortable fit.

Touch-Free Available in SnapLock  
& all of our 1 & 2 Wire PTT's



### Construction / Mechanics

Workers with thick gloves or greasy hands can wear the wrist sensor PTT to activate without touching the earpiece PTT.



### Healthcare Industry

Medical teams that require sanitation at all times can wear the wrist sensor PTT to speak without touching the earpiece PTT.

# SNAPLOCK<sup>®</sup>

## WHITE SERIES



FOR USERS THAT  
WANT A LIGHTER LOOK

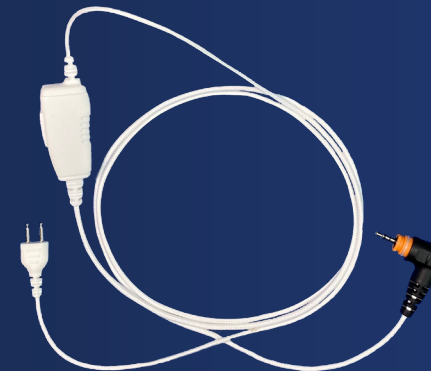


ITEM # SL-EHW



ITEM # SL-CRW

BRAIDED FIBER **OR** RESIN LINES



ITEM # SL+1WW



ITEM # SL-1WW



ITEM # SL+1WMIC-3.5



ITEM # SL-1WMIC-3.5



# N•ear®

THE MOST COMFORTABLE EARPIECE IN RADIO



0% Ear  
Fatigue



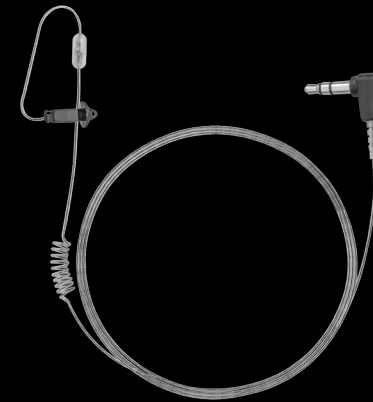
Microspeaker  
Technology



360° Situational  
Awareness



Crystal Clear  
Communication



## N•EAR 360™ ORIGINAL

The N•ear 360™ Original earpiece is ear-specific and features a patented bend that offers a firm and secure hold. With a precise fit for either your left or right ear, the N•ear 360™ Original guarantees comfort and performance.



## N•EAR 360 FLEXO™

Experience the best of both worlds with the N•ear 360 Flexo™. With the same comfort and durability as the N•ear 360™ Original, the Flexo offers a game-changing feature: the ability to effortlessly switch between the left and right ears.



## N•EAR 360 FLEXO DYNAMIC™

The N•ear 360 Flexo Dynamic™ is designed for those who prioritize affordability. This model offers the same flexible bend that can be worn on either the left or right ear. By using a high-quality dynamic speaker verses an armature speaker, we successfully lowered the cost while maintaining crystal clear communication.

# EXPERIENCE

## THE LUXURY OF ABSOLUTE COMFORT

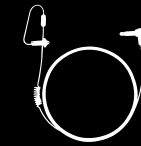
Indulge in the unparalleled comfort and cutting-edge technology that eliminates ear fatigue, ensuring a luxurious experience. Immerse yourself in crystal-clear communication, seamlessly integrating advanced features for an unparalleled audio experience.





N•EAR PROTECTR™ EAR PLUGS

## THE FUTURE IS N•ear



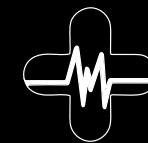
Compatible with  
N•ear earpieces



Customized  
Option Available



Dual Ear  
Version Available



Contributes to  
Hearing Health

# PROTECT

## YOUR GREATEST ASSET

Immerse yourself in the unrivaled protection and advanced technology of the Protectr™. Safeguard your hearing without compromising and sound quality on comfort from the range to the field. Protecting you from impulse sound up to 3dB of attenuation with our ANI IPIL certified filters.

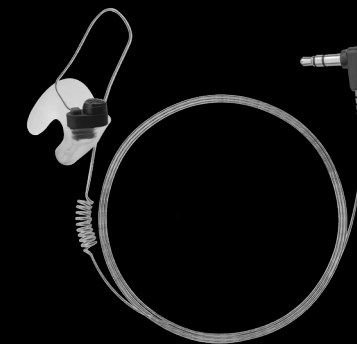


N•EAR 360 FLEXO™ WITH UNIVERSAL EAR MOLDS



### N•EAR 360 PROTECTR™ UNIVERSAL EAR MOLDS

Explore 360° situational awareness with N•ear Protectr™ Universal Size Ear Molds. Crafted for comfort, these molds offer a secure fit. The N•ear Protectr™ platform allows for easy tech unit changes to meet diverse audio needs. But that's not all combine the Protectr™ line with the cutting-edge N•ear earpieces.



### N•EAR 360 FLEXO™ & CUSTOMIZED EAR MOLDS

N•ear offers customized ear molds that fit perfectly to your ears. Combine the versatile 360 Flexo™ earpiece, with the Protectr™ ear molds, featuring multi-mode shooting filters for enhanced protection. The N•ear Protectr™ platform allows you to change the tech unit at any time to fit versatile needs.



### N•EAR PROTECTR™ EAR PLUGS

The N•ear Protectr™ series offers a comprehensive selection of hearing protection solutions. Among them, the Shooting Multi-mode and Shooting Xtreme 25, designed to guard against damage caused by peak sound pressure levels from automatic fire, gunshots, artillery, and explosions.





Wireless  
Capability\*



Water  
Resistant\*



90 lb.  
Pull Strength



Lays  
Tangle-Free



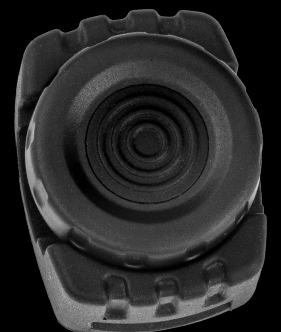
### CHOICE™ PTT/MIC.

Embracing the CHOICE™ PTT/Mic. facilitates a seamless transition away from traditional speaker mics, introducing a communication setup that is both lighter and more flexible. For users accustomed to earpieces directly linked to a speaker mic, the CHOICE™ PTT/Mic. operates similarly.



### CHOICE™ PTT/MIC. WATER RESISTANT

The CHOICE™ PTT/Mic. introduces advanced features, such as seamless pairing with a Bluetooth-compatible PTT, and is engineered with a high level of durability, boasting water resistance with an impressive IP67 rating.



### WIRELESS PTT/MIC. BUTTON

The CHOICE™ PTT/Mic. offers the added functionality of a Bluetooth Wireless PTT (sold separately), providing versatility for various applications. Ideal for use on steering wheels, handlebars, molly vests, belt loops, firearms, or any other convenient location, the Wireless PTT seamlessly integrates into your daily setup.



# SPARK GUARD PROTECTION

PREMIUM SPEAKER MICROPHONE  
MEMBRANE COVER

PROTECTS SPEAKER AGAINST HOT  
METAL SHAVINGS



## Speaker Microphones

### Compact Size

#### SM1

- Dimensions: 2.1" x 1" x 2.7"
- Compact, heavy-duty design



### Standard Size

#### SM2

- Dimensions: 2.3" x 1.1" x 3"

#### Passive Noise Canceling

#### SM2NC

- IP54 Dust & water resistant
- Heavy gauge 4.2mm cable
- Strong 360-degree rotating clip



### Compact Size

#### SM3

- Dimensions: 2" x 1" x 2.8"
- Most economical
- Newly designed lightweight



### Heavy Duty

#### SM4

- Dimensions: 2.4" x 1.2" x 3"
- IP55 rated/ water and dust resistant

#### SM4W

- Available in waterproof IP67
- No accessory jack



### Mobile Palm Mic.

#### PM2

- Dimensions: 2.25" x .8" x 2"
- Includes mobile hang-up clip
- RJ45 connector
- IP54 rated water and dust resistant



**KEVLAR**  
Cords on All Speaker Mics



# SPEAKER MIC. 6

## MULTIPLE VERSIONS

AVAILABLE IN:

WATER PROOF IP67  
ACTIVE NOISE CANCELING  
EMERGENCY BUTTON  
EXTRA-LONG CORD  
SPARK GUARD PROTECTION



## Speaker Microphone 6 Options



### SM6

- Compact, heavy-duty design
- IP55 rated water and dust resistant
- Dimensions: 2.25" x .8" x 2"
- Extra-Long, heavy-duty cord



### SM6WLNC

- Dual Mic. Active Noise Canceling
- Extra-Long heavy-duty cord



### SM6WL

- SIP67 rated/ water and dust proof same features as above SM6W
- Extra-Long heavy-duty cord



### SM6WE

- Compact, heavy-duty design
- Heavy-duty, fire-retardant cable
- IP67 rated/ water and dust proof
- Dimensions: 2.25" x .8" x 2"
- Emergency Button



- Compact, heavy-duty design
- Heavy-duty, fire-retardant cable
- IP67 rated/ water and dust proof
- Dimensions: 2.25" x .8" x 2"



- Great high and low volume
- IP55 water & dust resistant
- Led Indicator charging
- Volume control
- LED front light
- Replaceable lithium-ion 1500mAh battery
- Dimensions: 2.3" x 1.1 x 3"

# NOISE CANCELING

## PREMIUM ACCESSORIES



## Mil Spec Speaker Mic. 8 Active Noise Canceling



### Function and Feature

- Dual Mic. Technology
- Performance speaker with
- Integrated DSP hard/software
- For active noise cancellation
- Via multiple microphones.

### Specifications

- MIL-STD810G Tested
- IP67 water protection
- Active noise cancellation
- Dual microphones
- Flame retardant
- Large swivel belt clip w/ ring
- Nexus 4 pole jack for headset
- Audio jack for earphone 3.5mm
- Large front PTT
- Side PTT
- Volume (top) toggle switch
- Green or grey front PTT
- Red Transmit LED
- Optional emergency button
- Optional function button





# WIRELESS CHOICE®

WITH REPLACEABLE  
COIN CELL BATTERY



CONNECT TO OUR WIRELESS PTT.

PERFECT FOR ADDING EXTRA PTTs  
WHERE YOU NEED THEM.

CAPABLE OF CONNECTING MULTIPLE  
WIRELESS PTTs.



## Wireless PTT for All Earpieces



C-Ring



Swivel



Ear Hook



Adj. D Ring



N•ear Original



Acoustic Tube



Ambient Noise Control



# Available Cable Lengths

ATROC10



4 Inch Length

ATROC15



6 Inch Length

ATROC30



12 Inch Length

ATROS120



48 Inch Length




# Receive Only Earpieces

Hi-Def Premium Voice

ATHDROC30-2.5 12" long 2.5mm

ATHDROC30-3.5 12" long 3.5mm



Acoustic

ATROC10-2.5 4" long 2.5mm

ATROC15-2.5 6" long 2.5mm


ATROC30-2.5 12" long 2.5mm

ATROC10-3.5 4" long 3.5mm

ATROC15-3.5 6" long 3.5mm

ATROC30-3.5 12" long 3.5mm

ATROS120-3.5 48" long 3.5mm




D-Ring

DRROC15-2.5 6" long 2.5mm

DRROC15-3.5 6" long 3.5mm

DRROC30-3.5 12" long 3.5mm




Ear Hook

EHROC15-2.5 6" long 2.5mm

EHROC15-3.5 6" long 3.5mm


EHROC30-3.5 12" long 3.5mm



Braided Fiber  
Receive Only SnapLock

SL+ROS120-2.5 48" long 2.5mm


SL+ROS120-3.5 48" long 3.5mm



Hi-Def Premium Voice

HDIEG+ROS30-2.5 12" long 2.5mm

HDIEG+ROS30-3.5 12" long 3.5mm



Near Ear


Single or Dual Ear

RO-360-22-2.5S 22" long 2.5mm

RO-360-22-3.5S 22" long 3.5mm

RO-360-22-2.5SD 22" long 2.5mm

RO-360-22-3.5SD 22" long 3.5mm




D-Ring Adjustable

DRAROC15-2.5 6" long 2.5mm

DRAROC15-3.5 6" long 3.5mm

DRAROC30-3.5 12" long 3.5mm




Swivel

SWVLROC15-2.5 6" long 2.5mm

SWVLROC15-3.5 6" long 3.5mm


SWVLROC30-3.5 12" long 3.5mm



Ear Bud

EBROC15-2.5 6" long 2.5mm

EBROC15-3.5 6" long 3.5mm



See SnapLock System page



# MICROSLIDE®

## PERFECT ADJUSTABLE MICROSPEAKER



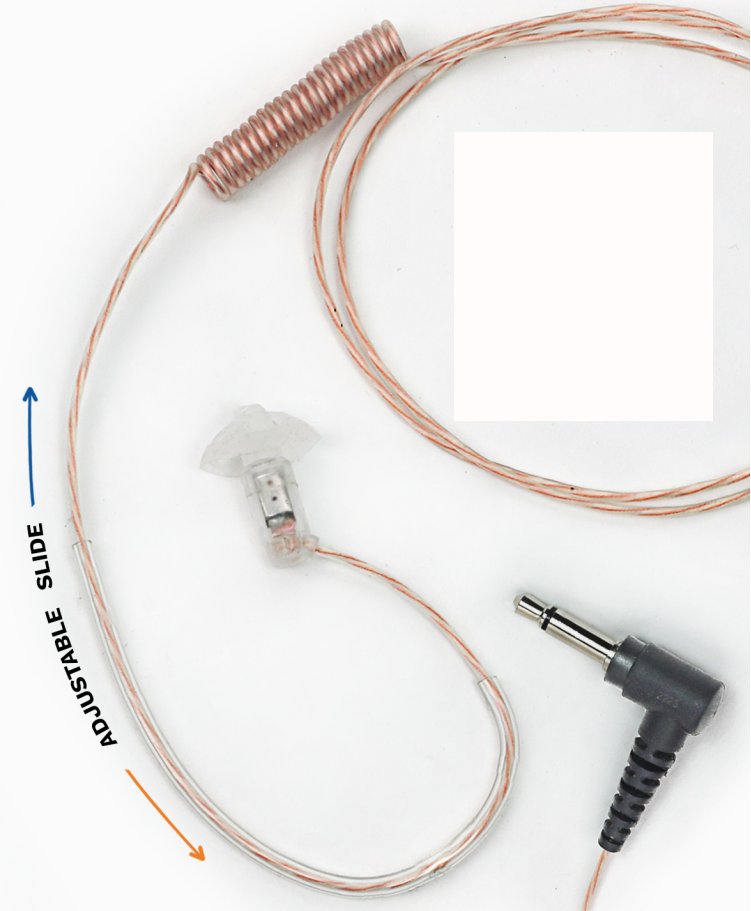
# MICROSLIDE

PERFECT ADJUSTABLE MICROSPEAKER

# HDIE

The Microslide earpiece is designed to be the most comfortable, covert, and best-sounding earpiece for 2-way radios. Simply place on your left or right ear and slide the cable for perfect in-ear microspeaker placement.

ADJUSTABLE SLIDE



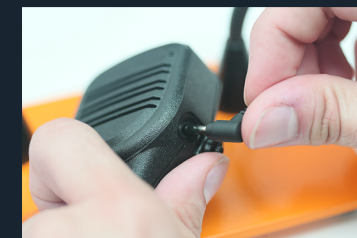
### Connecting to Radio

#### SnapLock Option:

Seamlessly connect to your radio using a single wire or dual wire setup.

#### Choice PTT:

Connect to your radio with a Wireless PTT option.



### Connecting to Speaker Mics

Simply plug in your earpiece directly into your speaker mic. audio port.



### Wax Filter Included

HDIE earbuds are designed with ear wax filtration to help protect your microspeaker and give longevity to your earpiece.



## MICROSLIDE HIGHLIGHT CHECKLIST:



Best Value  
In The Market



Adjustable Over  
The Ear Design



Hi-definition  
Microspeaker



Ultra Light  
& Low Profile



100%  
Environmental  
Awareness



0% Ear  
Fatigue



## Micro Speaker On a Dime



### SnapLock Knowles In-Ear

#### SL-HDIE

- 100% Situational Awareness Tip
- In-Ear Micro Speaker Technology
- Knowles Speaker
- Zero Ear Fatigue



### SnapLock Knowles In-Ear

#### SL-HDIEF

- Foam Ear Tip
- Mechanical On/Off Ambient Noise Control
- Knowles Speaker
- Engineered for premium voice quality



### SnapLock Acoustic Tube Knowles Speaker

#### SL-ATHD+

- Braided Fiber Line
- Knowles Speaker
- Engineered for premium voice quality



### SnapLock Knowles In-Ear

#### SL-HD+IEG

- Gel Ear Tip
- Braided Fiber Line
- Knowles Speaker
- Engineered for premium voice quality



## Hi-Def Receive Only Acoustic Tube

#### Item: ATHDROC30-3.5

- Engineered Audio Perfection
- Knowles Premium Speaker
- Crystal Clear, Full Sound
- Clear Low & High Volumes
- Strong, Removable Clip
- Replaceable Acoustic Tube Screw In
- Comes with Three Ear Tips



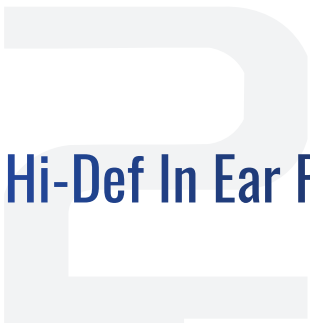
## Hi-Def Snaplock Acoustic Tube

#### Item: SL-ATHD+

- Engineered Audio Perfection
- Knowles Premium Speaker
- Crystal Clear, Full Sound
- Clear Low & High Volumes
- Strong, Removable Clip
- Works with all Snaplock Base PTT Systems
- Replaceable Acoustic Tube Screw In
- Comes with Three Ear Tips







Hi-Def In Ear Receive Only

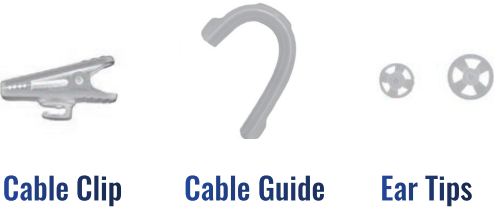
Situational Awareness Ear-Tip Included



Specifications

Impedance	1200 + 10%	(At 1.0kHz/0.2V)
Rated Input Power	1mW	
Sensitivity	103db _ 3db @ 1KHz	
Frequency Response	100Hz~10KHz	

Included Parts



C-Ring Boom Noise Canceling Mic.

C-Ring Earpiece With In-line PTT

ITEM # CR1WBOOM

- Flexible boom microphone
- Enhanced Comfort (Left or Right Ear)
- Industry-Leading 30lb pull-strength
- Connectors available for most radio models





# Hi-Def - Lightweight In-Ear Headset

**HSHD+IEF**

Premium Speakers  
Engineered specifically  
for Voice Quality



- Hi-Def premium sound
- Noise Canceling Mic.
- Lightweight and comfortable
- Adjustable behind the head band
- Metal Headband
- Braided Fiber Cloth cords

Noise Canceling  
Boom Mic.



Premium Noise  
Reduction Foam Tips  
24.9 ~ 48.4 dB Reduction



Mechanical On-Off  
to Ambient Noise



# Over & Behind Head - Lightweight Headsets



Single Side Lightweight  
Over the Head Headset

**HSS**

- In-line PTT
- Adjustable over the head band
- Metal Headband



Double Side Lightweight  
Over the Head Headset

**HSD**

- In-line PTT
- Adjustable over the head band
- Metal Headband



Lightweight  
Behind the Head Headset

**HSB**

- In-line PTT
- Lightweight wire frame



Lightweight H/D  
Behind the Head Headset

**HSBHD**

- In-line round mushroom PTT with coil cable
- Adjustable head strap
- Heavy duty wire frame





# Lightweight Headsets

## Hard Hat Headset

HS2

- Lightweight heavy duty hard hat headset
- High quality noise canceling microphone
- Super comfortable with foam ear pads
- Clips right into hard hat
- PTT on earmuff
- Detachable PTT Cable
- Cable sold separately HS4-CAB
- Works with all radio models



Noise Canceling Boom Mics | Premium Molded Foam Ear Pads | SNR Rating 24db - 33db

## Lightweight Padded Headset

HS9

- Adjustable over head dual ear muffs
- High quality noise canceling microphone
- Quality foam ear pad, replaceable
- Detachable coil cable
- Cable sold separately HS4-CAB
- Works with all radio models



Noise Canceling Boom Mics | Premium Molded Foam Ear Pads | SNR Rating 24db - 33db



# Over & Behind Head - Lightweight Headsets

## Lightweight Flex Headset

HS3

- Lightweight heavy duty hard hat headset
- Adjustable, flexible, and very comfortable firm fit
- Strong flexible noise canceling dual-diaphragm microphone
- Foam Replaceable earmuff pads
- Detachable coil cable
- Cable sold separately HS5-CAB
- Works with all radio models



Noise Canceling Boom Mics | Premium Molded Foam Ear Pads | SNR Rating 24db - 33db

## Lightweight Flex Headset

HS3G

- Lightweight and tight collapsible frame
- Adjustable, flexible, and very comfortable firm fit
- Strong flexible noise canceling dual-diaphragm microphone
- Foam Replaceable earmuff pads
- Detachable coil cable
- Cable sold separately HS5-CAB
- Works with all radio models



Noise Canceling Boom Mics | Premium Molded Foam Ear Pads | SNR Rating 24db - 33db



# Heavy Duty Headsets

## Single Muff Headset

### HS1

- Adjustable over head dual ear muffs
- High quality noise canceling microphone
- Molded gel ear pad, replaceable
- Detachable PTT Cable
- Cable sold separately HS4-CAB
- Works with all radio models



Noise Canceling Boom Mics | Premium Molded Gel Ear Pads | SNR Rating 24db - 33db

## Dual Muff Headset

### HS1

- Adjustable over head dual ear muffs
- High quality noise canceling microphone
- Molded gel ear pad, replaceable
- Detachable PTT Cable
- Cable sold separately HS5-CAB
- Works with all radio models



Noise Canceling Boom Mics | Premium Molded Gel Ear Pads | SNR Rating 24db - 33db



# Heavy Duty Headsets - Behind The Head

## PTT in Cable Headset

### HS5

- Behind The Head Headset
- Adjustable head band accommodates headgear
- Coil Cable sold separately HS5-CAB, NX-CAB

### Available Colors



## PTT on Earmuff Headset

### HS4

- Premium molded gel ear pads
- Includes spare boom mic. shield
- Flexible boom mic.
- Microphones are noise canceling/directional mic.
- SNR rating 33db H=33db M=32db L=24dB

### Available Colors



## Volume and PTT on Headset

### HS8

- Behind The Head Headset
- Adjustable head band accommodates headgear
- Volume control on right ear cup
- Push-to-talk on left ear cup
- Cable connector on both ear cups
- Coil Cable sold separately HS5-CAB





# HIROSE QUICK DISCONNECT



AVAILABLE FOR **ALL**  
**EARPIECE** OPTIONS

HIROSE ADAPTERS AVAILABLE  
FOR ALL MULTI-PIN RADIO MODELS

## Hirose™ Quick Disconnect Adapters & Accessories

Allowing users to quickly attach and detach accessories



Includes PTT and 3.5mm  
Accessory Port  
**AD-M3-HIROSE**



Motorola Radios  
**AD-M15-HIROSE**



Motorola  
MOTOTRBO Radios  
**AD-M12-HIROSE**



Kenwood Radios  
**AD-K1-HIROSE**

## Multiple Adapter Options



Motorola  
**AD-M12-M**



Motorola  
**AD-M15-M**



Kenwood  
**AD-K1-K**



# PREMIUM 12 BANK CHARGER FOR KENWOOD PKT23

Enhance your charging capabilities with our 12 Unit Charger—an indispensable accessory designed to optimize your communication setup. Elevate your charging experience as this robust charger ensures that your Kenwood PKT23 radios are consistently powered for uninterrupted communication.



Includes free custom labeling



## 1 Year Warranty:

Experience peace of mind, backed by our commitment to quality and durability. This charging solution comes with a 1-year warranty, ensuring your investment is protected.



## Compact Design:

Experience excellence with this 12 unit charger – boasting a compact design, premium components, and superior craftsmanship.



## Best Value in the Market:

Premium quality meets affordability. National Two Way is dedicated to delivering the best value on the market.

## Features

- Smart Reader - Automatically measures battery voltage for proper charging requirements
- Wall Mountable
- Green LED shows power to the charging cup
- Solid blue light on your radio indicates the radio is charging
- Blue light on the radio turns off when radio is fully charged



## Chargers



## Single Unit Rapid Charger

CH1B

- Rapidly charges up to 95% of Battery capacity then trickle charges the last 5% per cup
- Colored Charging Indicator Lights
- Smart Reader - Automatically measures battery voltage for proper charging requirement
- Wall Mountable
- 1 Year Warranty



## 6 Bank Square Charger

CH6BS

- Rapidly charges up to 95% of Battery capacity then trickle charges the last 5% per cup
- Colored Charging Indicator Lights
- Smart Reader - Automatically measures battery voltage for proper charging requirement
- Wall Mountable
- 1 Year Warranty



## 10 Bank Square Charger

CH10BS

- Rapidly charges up to 95% of Battery capacity then trickle charges the last 5% per cup
- Colored Charging Indicator Lights
- Smart Reader - Automatically measures battery voltage for proper charging requirement
- Wall Mountable
- 1 Year Warranty



## Acoustic Tube Ear Tips & Parts



Tan/Black  
Clear 1, 2, 3  
10 or 100 Pack  
**ETIP**



Molded Ear Tips  
Black/Clear/Pink  
S,M, L, Right/Left  
**EMB, EMC, EMF**



Ear Fin Tips  
S,M, L, Right/Left  
**EFIN**



Two and Thre Flang Tip  
**ETIP2-C, ETIP3-C**



Hi-Def Ear Tip  
**ETIPHDG-LLR**



Premium  
Noise Reduction Ear Tip  
24~48 dB  
1,10 or 100 Pack  
**ETIP-FOAM**



Premium Noise  
Reduction Ear Tips  
24~48 dB  
**ETIP-FOAM & Plug**



YELLERS Noise  
Reduction ear tip  
1,10 or 100 pack  
**YELLERS**



Acoustic Tube  
Replacement Kit  
**ATCOMPSET**



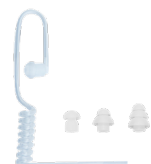
Acoustic Tube  
& Clear Tips  
**C4TUBESET**



Clear Tips Surgical  
Tubing with Clear Tips  
**B4TUBESET**



Acoustic Tube only  
Clear/Black  
**TUBEB, TUBE**



Acoustic Surgical  
Tubing with Clear  
Tips  
**TUBESET**



Acoustic Tube to Clip  
Connector - Black  
**B4JOINTB**

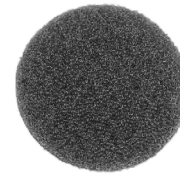


Acoustic Tube to  
Ear Tip Elbow  
**LJOINT**



Acoustic Tube  
Clip - Black  
**B4CLIPB**

## Headset Mic. Foams & Ear Pads



Ear Hook 10 Pack  
**ESSB-10-Black**



MICMB Mic. Sponge  
1 Pack/10 Pack  
For: HS1, HS2, HS3, HS3G, HS9,  
HSS, HSBHD & HSD



MICLB Mic. Sponge  
1 pack/10 pack  
HS4, HS5, HS7, HS8



Adjustable D-Ring 2  
Pack/10 Pack  
**DRATIP**



EMEGPAD Gel Pad  
For: HS1, HS4, HS5,  
HS7, HS8



HSLWEP Earpad  
HSS & HSD



Cable Clip  
**CLIP**



Clip 2.0-3.8mm cable  
**CLIPA**



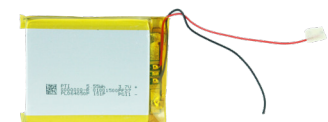
ATHD Clip  
**ATHDCLP**



Wired Finger PTT  
**FPTT**



USB-MICRO Cable



Speaker Mic. 7  
Replacement Battery  
**SM7BAT**



Adapters & Hirose

Adapters



AD-M12-M  
Motorola



AD-M15-M  
Motorola



AD-M4-M  
Motorola



AD-M5-3.5  
Motorola



AD-K1-K  
Kenwood



AD-Y3-FL3.5  
Vertex



ADC-Y3-FL3.5  
Vertex

CALL FOR OPTIONS ON NON-US-STOCKED ADAPTERS

Hirose



AD-M3-HIROSE  
Motorola



AD-M15-HIROSE  
Motorola



AD-M12-HIROSE  
Motorola



AD-K1-HIROSE  
Kenwood



Battery & Speaker Mic. Clips

Battery Clips



BC1 Clip  
CP110 & RDU2080



BC2 Clip  
CP200, Motorola  
XPR6550



BC3 Clip  
HT750 & HT1250



BC4 Clip  
Motorola XPR6550



BC5 Clip  
Motorola XPR3500 & XPR7550

CALL FOR OPTIONS ON NON-US-STOCKED CLIPS

Speaker Mic. Clips



Replacement Clip  
SM2CLIP



Replacement Clip  
SM3CLIP



Replacement Clip  
SM6CLIP



Replacement Clip  
PMCLIP






Image	Part no.	Works With Radio Models:
	M	Works with: BearCom - BC10, BC90, BC95, BC120, BC130, BC250D, BC300D BlackBox - BlackBox Plus.






Image	Part no.	Works With Radio Models:
	K	Works with: BearCom - BC200
	S3A	Works with BearCom: BC1000
	S3B	Works with BearCom: BC100






Image	Part no.	Works With Radio Models:
	M5	Works with DigaTalk+: DTP9850
	K	Works with DigaTalk+: DTP9750
	KM	Works with DigaTalk+: DTP8750, DTP8700





Image	Part no.	Works With Radio Models:
	M3	Works with EF Johnson: Viking VP600, VP900, 5100 ES, 51SL
	K1	Works with EF Johnson: Viking 5000 Series- VP5230, VP5330, VP5430 Viking 6000 Series- VP6230, VP6330, VP6430







Image	Part no.	Works With Radio Models:
	HR2	Works with L3Harris: P5300/5400/5500 Series- P5350, P5370, P5450, P5470, P5550, P5570, P7300 Series - P7370, P7350 XG Series - XG-15P, XG-25P, XG-75P
	HR3	Works with L3Harris: XG100P, XL185P, XL200P
	H6	Works with L3Harris: HDP100, HDP150, HDP250 Momentum
	H7	Works with L3Harris: HDP-250



Image	Part no.	Works With Radio Models:
	H4	Works with Hytera: Business Digital- BD502i, BD552i, BD612i PD4 Series- PD402i, PD412i, PD482i PD5 Series- PD502i, PD562i Analog- TC-508, TC-518, TC-580, TC-610, TC-700
	H5	Works with Hytera: TC320
	H6	Works with Hytera: PD7 Series- PD702i, PD752i, PD782i, PD792i-Ex PD982i
	H7	Works with Hytera: H Series- HP602, HP682, HP702, HP782 PD6 Series- PD602i, PD662i, PD682i X1pi, X1e
	H8	Works with Hytera: BD3 Series, PD3 Series, HALO - PNC370, X1e, X1pi
	H9	Works with Hytera: PNC360, PNC380
	M4	Works with Hytera: TC-980
	M5	Works with Hytera: TC-610P, TC700P, TC-780, TC-780P, TC-780M



Image	Part no.	Works With Radio Models:
	S2B	Works with Icom: Analog- F200 Network- IP100H, IP501H Aviation- A25
	S3A	Works with Icom: Analog- F3011/F4011, F3001/F4001 IDAS- F1100D/F2100D, F1100DT/F2100DT, F3210D/F4210D, F3230D/F4230D
	S3B	Works with Icom: IC-F1000 Series, IC-F2000 Series, IC-F1100D Series, IC-F2100D Series, IC-F3031S, IC-F3230DT/DS, IC-F4031S, IC-F 4230DT/DS, IC-F31W/41W, V88. BearCom BC1000 - Waterproof
	I2	Works with Icom: Analog- F3161/F4161 [9 Pin]
	I4	Works with Icom: F3260, F3261D, F3360D, F3400D, F4261D, F3263, F4360D, F4400DT, F5400, F6400D,DS, F7010,F7020, F7040, F7210T, F9011, F9021, F52D, F62D SAT-100
	I5	Works with Icom: M93D, M94D, IP110H



Image	Part no.	Works With Radio Models:
	K	Works with Kenwood: NEXEDGE/DMR- NX-1202/1302, NX-3220/3320/3420, NX-P1000 DMR Only- TK-D240/TK-D340 Analog- TK-2312/3312, TK-2317/3317, TK-2360/3260, TK-2400/3400 ProTalk- TK-2400/3400, TK-3230DX
	K1	Works with Kenwood: NEXEDGE/DMR/P25- NX-3200/3300, NX-5200/5300/5400 NEXEDGE Only- NX-210G, NX-200G/300 P25 Only- TK-5220/5320
	K2	Works with Kenwood: PKT-23
	K5	Works with Kenwood: NX-P500
	KM	Works with Kenwood: Kenwood Mobile Palm Mic





Image	Part no.	Works With Radio Models:
	M	Works with Maxon: TJ-3100V, TJ-3400U, TJ-3400UM, TP-5116, TP-5416, TP-8102, TP-8402, TP-8000BT Series, TP-8000R Series, TS-2116, TS-2416, TS-3116, TS-3416
	M12	Works with Maxon: TPD-1116, TPD-1416, TPD-1124, TPD-1424
	M14	Works with Maxon: TPD-8124, TPD-8424
	K	Works with Maxon: TS-3416K



Image	Part no.	Works With Radio Models:
	S1	Works with Midland: CXT Series: CXT240, CXT250, CXT280  GXT Series: GXT200, GXT225, GXT250, GXT255, GXT300, GXT310, GXT325, GXT400, GXT444, GXT450, GXT500, GXT550, GXT555, GXT565, GXT600, GXT635, GXT650, GXT656, GXT661, GXT700, GXT710, GXT720, GXT735, GXT740, GXT745, GXT750, GXT756, GXT757, GXT760, GXT771, GXT775, GXT781, GXT785, GXT789, GXT795, GXT797, GXT799, GXT800, GXT808, GXT850, GXT881, GXT900, GXT950, GXT991, GXT1000, GXT1050, GXT1091, GXT2000, GXT2050, GXT5000  LXT Series: LXT80, LXT100, LXT101, LXT110, LXT112, LXT114, LXT118, LXT210, LXT216, LXT276, LXT300, LXT303, LXT305, LXT310, LXT312, LXT315, LXT316, LXT318, LXT319, LXT320, LXT322, LXT323, LXT324, LXT326, LXT328, LXT330, LXT335, LXT340, LXT345, LXT350, LXT360, LXT365, LXT376, LXT380, LXT385, LXT410, LXT420, LXT435, LXT440, LXT460, LXT480, LXT490, LXT500, LXT535, LXT560, LXT600 XT Series: XT14, XT18, XT20, XT22, XT24, XT25, XT26, XT27, XT28, XT30, XT511  X-Talker Series: T31VP, T51VP3, T55VP3, T61VP3, T65VP3, T71VP3 and T75VP3



Image	Part no.	Works With Radio Models:
	M	Works with Motorola Solutions: Commercial- R2, CP100d, CP200d, CP200, CP200XLS, CP185, BPR40, BPR40d On-Site Business Radios- CLS1110, CLS1410, VL50, DTR Series, R2 Series
	MA	Works with Motorola Solutions: On-Site Business Radios CLS1110, CLS1410, CP100d, DLR1020, DLR1060, DTR410, DTR550, DTR600, DTR700, RDM2020, RDM2080D, RDU2020, RDU2080D, RDU4100, RDU4160D, RDV2020, RDV2080D, RDV5100, RMM2050, RMM2050, RMU2040, RMU2080D, RMV2080, XU1100, XU2100, XU2600, XV1100, XV2100
	M3	Works with Motorola Solutions: Astro25- XTS1500, XTS2500, XTS3000, XTS3500, XTS5000
	M4	Works with Motorola Solutions: Waris Series- HT750/1250/1550, MTX
	M5	Works with Motorola Solutions: Waris Series- EX500/560/600
	M12	Works with Motorola Solutions: APX Series- 8000, 7000, 6000, 4000, 3000, 1000, 900, SRX 2200, NEXT MOTOTRBO Legacy Series- XPR6300/6350/6380, XPR6500/6550/6580 MOTOTRBO Series- XPR7350/7550/7580, XPR7350e/7550e/7580e
	M14	Works with Motorola Solutions: MOTOTRBO Series - CURVE, DLR1020, DLR1060, SL300, SL7550/7580/7590, SL3500e, SL7550e/7580e/7590e WAVE- TLK100, TLK110, Nitro- SLN1000
	M15	Works with Motorola Solutions: MOTOTRBO Series- XPR3300/3500, XPR3300e/3500e
	M17	Works with Motorola Solutions: CLP1010, CLP1040, CLP1060
	M19	Works with Motorola Solutions: CLP110e, CLP1010e, CLP1080e
	M20	Works with Motorola Solutions: R7 (Global), ION (Global), MXP600
	MM	Works with Motorola Solutions: XPR5000 Series Mobile Radio Palm Mic
	MM1	Works with Motorola Solutions: CM200d, CM300d, XPR 2500 Mobile Radio Palm Mic WAVE - TLK150



Image	Part no.	Works With Radio Models:
	Y3	Works with Vertex Standard Motorola Solutions: VX-261, eVX531, eVX534, eVX539, VX10, VX130, VX160, VX180, VX210, VX210A, VX230, VX231, VX261, VX264, VX300, VX350, VX351, VX354, VX400, VX410, VX420, VX451, VX454, VX459
	Y5	Works with Vertex Standard Motorola Solutions: VTX-720, VDX720, VX820, VX821, VX824, VX829, VX871, VX874, VX879, VX920, VX921, VX924, VX971, VX974, VX979
	Y6	Works with Vertex Standard Motorola Solutions: eVX- S24



Image	Part no.	Works With Radio Models:
	BK2	Works with Bendix King: KNG: KNG2
	K	Works with Relm: RPU416, RPV516, RPU499, RPV599X, RPV516A, RPV599A Plus, RPU416A, RPU499A Plus, RPU4200
	M5	Works with Relm: RPV3000/3600/RPU3000/3600/3300C, RPV7200/7500
	M	Works with Relm: RP6500



Image	Part no.	Works With Radio Models:
	H4	Works with RCA: PRODIGI Digital - XR150, BR150, BR850, RDR1520, RDR2325, RDR2385, RDR2500, RDR2550, RDR2620, RDR2650, RDR2680
	M	Works with RCA: Commercial Analog Portable - BR200



Image	Part no.	Works With Radio Models:
	SP2	Works with Sepura: SC230 Series, STP8000, STP9000, STP9100, STP9200



Image	Part no.	Works With Radio Models:
	SN	Works with Sonim: XP5S, XP8



Image	Part no.	Works With Radio Models:
	TA	Works with Tait: TP7100/8100 series, TP9300/9400 series, Harris TP3300/TP3350, TP9500/TP9600



Image	Part no.	Works With Radio Models:
	M Digital Ready	Works with Tekk: XU100, XV100, XU1000, XV1000





PROFESSIONAL WIRELESS  
COMMUNICATIONS

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Specialist in Two-Way Radio

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