

Clarify your communications



# HEADSETS

Premium Radio Accessories



WIRELESS PACIFIC™



# Choosing the right headset

No matter what portable radio you have chosen, equipping it with the right audio accessory is when your investment really pays off. Some accessories are great for general everyday communications but if your staff need to operate in high noise environments then a headset might be what you need. Wireless Pacific have a range of headsets to suit the most demanding task, whether your people work in a timber mill, maintain an assembly line, crew for Nascar or provide stage security at a Megadeath concert, you can be secure knowing our headsets are built to do the job and keep everyone talking. Always choose the right headset for the environment you work in taking note of the need to ensure adequate hearing protection for your staff at all times.

## Lightweight Headsets

### WPHFH - Noise Cancelling / WPMAD- Light weight / WPULH - Ultra light



WPHFH-X10

Our premium **WPHFH** noise cancelling Lightweight headset provides excellent transmission quality with minimal background noise so your message comes through loud and clear every time. Designed for all day wear, they provide clear communications in all work environments. They are ideal for handsfree operation when connected to X10DR Elite Plus handsfree equipped handsets.

Using a **WPIPB** adaptor, they are available for not only most popular portable radios, but also to suit mobile vehicle and RF Control office applications. The headsets feature hard wearing "quick disconnect" Hirose HR10 plugs so you can "personal issue" just the headset section to each operator while an in-line PTT if desired can be left connected to the radio device. This reduces purchase costs while still maintaining the highest levels of hygiene in all work environments!

The lightweight **WPMAD** headsets are general purpose headsets offering all day wear comfort at cost effective pricing. The X10 model can be connected directly to all X10DR models or other compatible equipment or via XIPB or WPIPB in-line PTT adaptors.

The ultra lightweight **WPULH** headsets are low cost un-obtrusive headsets offering great comfort at a very affordable price. Again they can be connected directly to specific radio models or X10 models to all X10DR models or other compatible equipment or via XIPB or WPIPB in-line PTT adaptors.



WPMAD-X10



WPULW

### XMCH - Motorcycle Helmet Headsets

The XMCH motorcycle headsets are specifically designed for use by Motorcycle police and similarly demanding mission critical applications. Two models are available: an open face model and a closed helmet version.

XMCH-O



XMCH-C



# Smart Heavy Duty Headsets

## WPSHD-F - Safety Yellow



Our noise cancelling Smart Heavy Duty headsets provide excellent transmission quality in extreme or high noise environments so your messages come through loud and clear every time. Designed for use with or without a safety helmet, the dual muff design also provides clear reception in almost all work environments by blocking out high levels of background noise from the users ears. The on-cup secondary PTT help ensure ease of communications in even the most demanding applications. The WPSHD-F series is fully compatible with 3m™ Peltor™ Flx2 in line PTT adaptors. Additionally, Wireless Pacific WPFHC series interface cables are cross-compatible with Peltor FLX2 headsets.

The WPSHD-F series features a folding arm mic and come in “safety yellow” to alert others that the user has reduced ambient listening and may not hear an approaching vehicle. They also include an on-cup volume control and a 3.5mm secondary audio jack for connection to an iPod® or racing scanner. They can also be further enhanced by ordering the **WPDHM** Extreme noise dynamic microphone option with 24dB NRR so you'll be heard loud and clear, even down in the pit amongst race cars or standing by blaring PA sound systems.

- Directional noise cancelling microphone
- Comfortable dual gel muffs
- Tough plug-in curly cords
- External audio input
- Ear cup plus in-line PTT button
- Ear cup volume control
- Speaker Volume switch
- Optional Dynamic Mic

## In-line PTT Adaptors

PTT adaptors are used to connect a number of headsets to the side accessory connector on your portable radio. They are built tough for the most demanding industrial applications using the finest materials and manufacturing techniques. Depending on your specific application one may be more suitable or allow you to operate more effectively or enhance the users safety.

### WPIPB/XIPB - In-Line PTT adaptors

The WPIPB PTT adaptors are designed primarily for use with Wireless Pacific WPSHD-F Heavy Duty headsets and provide a large in-line PTT button and use moulded connectors for rugged reliability and a rugged model specific, portable radio connector.

The XIPB adaptor is designed to be used with devices using Hirose HR10 connectors such as X10DR® and other compatible products. For use with the WPSHD, a WPFHC-X10 curly cable is also required.



XIPB Adaptor



### WPWLP-X10 - In-Line PTT adaptors

The WPWLP-X10 adaptor is a large low profile in-line PTT pad to allow easy PTT operation using an elbow or similar body pressure. It is designed to be used with X10DR® handsets and other compatible products. It features a Nexus U-174/U 4 pole headset input jack for use with all similarly equipped 3M Peltor® headsets or a WPSHD headset when connected via a WPSHC-NEX down cable.

The WPWLP-X10D is designed for specifically for use with Draeger® series audio equipped breathing apparatus.



## WPSHD

Heavy duty headset , Gel ear muff type with flexible microphone, boom arm, On-cup PTT, vol. control, 3.5mm jack and 6 pin mini XLR (Peltor FLEX2 compatible) connector for replaceable radio specific interface cable-order separately.

### General Specifications

Operating Temperature:  $-20^{\circ}\pm 2^{\circ} \sim +50^{\circ}\pm 2^{\circ}$

Approx. Weight: 550g

### Speaker Specifications

Speaker Dimensions 44.6 mm x 2

Impedance: 32 ohm

Rated Input Power: 2.0W

Max. Input Power: 3.0W

Output S.P.L: 86dB $\pm$ 3dB

Frequency Response: 300Hz.~18KHz.

Distortion: <5 %Max

### Microphone Specifications

Type and Dimension: Condenser Type

Output Impedance: 2.2K $\Omega$  $\pm$ 10%

Sensitivity: -44dB $\pm$ 3dB

Frequency Range: 50Hz~20KHz

Directivity: Uni-directional

Bias Voltage: Standard Voltage 2V

Max. Bias Voltage: 10V

S/N Ratio: More than 58dB

## WPMAD-X10 / WPMAD-K

Lightweight headset, single small muff type with flexible microphone arm with X10DR HR10 or K 2pin connector. Use X10 version with WPIPB In-line PTT button when desired. K version suits Kenwood 2 pin and Go Pro™ portable radios and has a small in-line PTT.

### General Specifications

Operating Temperature:  $-20^{\circ}\pm 2^{\circ} \sim +50^{\circ}\pm 2^{\circ}$

Approx. Weight: 180g

### Speaker Specifications

Speaker Dimensions 30mm

Impedance: 32 ohm

Rated Input Power: 0.5W

Max. Input Power: 1.0W

Output S.P.L: 86dB $\pm$ 3dB

Frequency Response: 300Hz.~18KHz.

Distortion: <5 %Max

### Microphone Specifications

Type and Dimension: Condenser Type

Output Impedance: 2.2K $\Omega$  $\pm$ 10%

Sensitivity: -44dB $\pm$ 3dB

Frequency Range: 50Hz~20KHz

Directivity: Uni-directional

Bias Voltage: Standard Voltage 2V

Max. Bias Voltage: 10V

S/N Ratio: More than 50dB



## WPHFH-X10

Light weight headset , single small muff type with flexible noise cancelling microphone arm with X10DR HR10 connector. Use WPIPB In-line PTT button.

### General Specifications

Operating Temperature:  $-20^{\circ}\pm 2^{\circ} \sim +50^{\circ}\pm 2^{\circ}$

Approx. Weight: 250g

### Speaker Specifications

Speaker Dimensions 25mm

Impedance: 32 ohm

Rated Input Power: 0.5W

Max. Input Power: 1.0W

Output S.P.L: 86dB $\pm$ 3dB

Frequency Response: 300Hz.~18KHz.

Distortion: <5 %Max

### Microphone Specifications

Type and Dimension: Condenser Type

Output Impedance: 2.2K $\Omega$  $\pm$ 10%

Sensitivity: -44dB $\pm$ 3dB

Frequency Range: 50Hz~20KHz

Directivity: Uni-directional

Bias Voltage: Standard Voltage 2V

Max. Bias Voltage: 10V

S/N Ratio: More than 58dB

## WPULH-X10 / K / CLPe

Ultra lightweight headset, in-ear muff type with flexible microphone arm with radio specific connector with in-line PTT (except X10DR HR10 connector -Use WPIPB In-line PTT button).

### General Specifications

Operating Temperature:  $-20^{\circ}\pm 2^{\circ} \sim +50^{\circ}\pm 2^{\circ}$

Approx. Weight: 100g

### Speaker Specifications

Speaker Dimensions 12mm

Impedance: 32 ohm

Rated Input Power: 0.25W

### Microphone Specifications

Type and Dimension: Condenser Type

Output Impedance: 2.2K $\Omega$  $\pm$ 10%

Sensitivity: -44dB $\pm$ 3dB

Frequency Range: 50Hz~20KHz

Directivity: Uni-directional

Specifications subject to change and continuous improvement

### Warranty:

All Headsets are covered by a full and comprehensive warranty and are warranted to be free from defects in material or workmanship including any associated accessories. Wireless Corporation will, at its option, replace or repair parts found defective and pay return shipping to the registered owner.

The warranty applies only to the original owner and does not apply to a headset which we determine has failed due to physical damage, corrosion, accident, unauthorized or improper use, repair or modification. The owner is responsible for the transportation costs of the equipment back to the place of purchase. In no case will Wireless Corporation Ltd accept responsibility for incidental or consequential damages.



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