

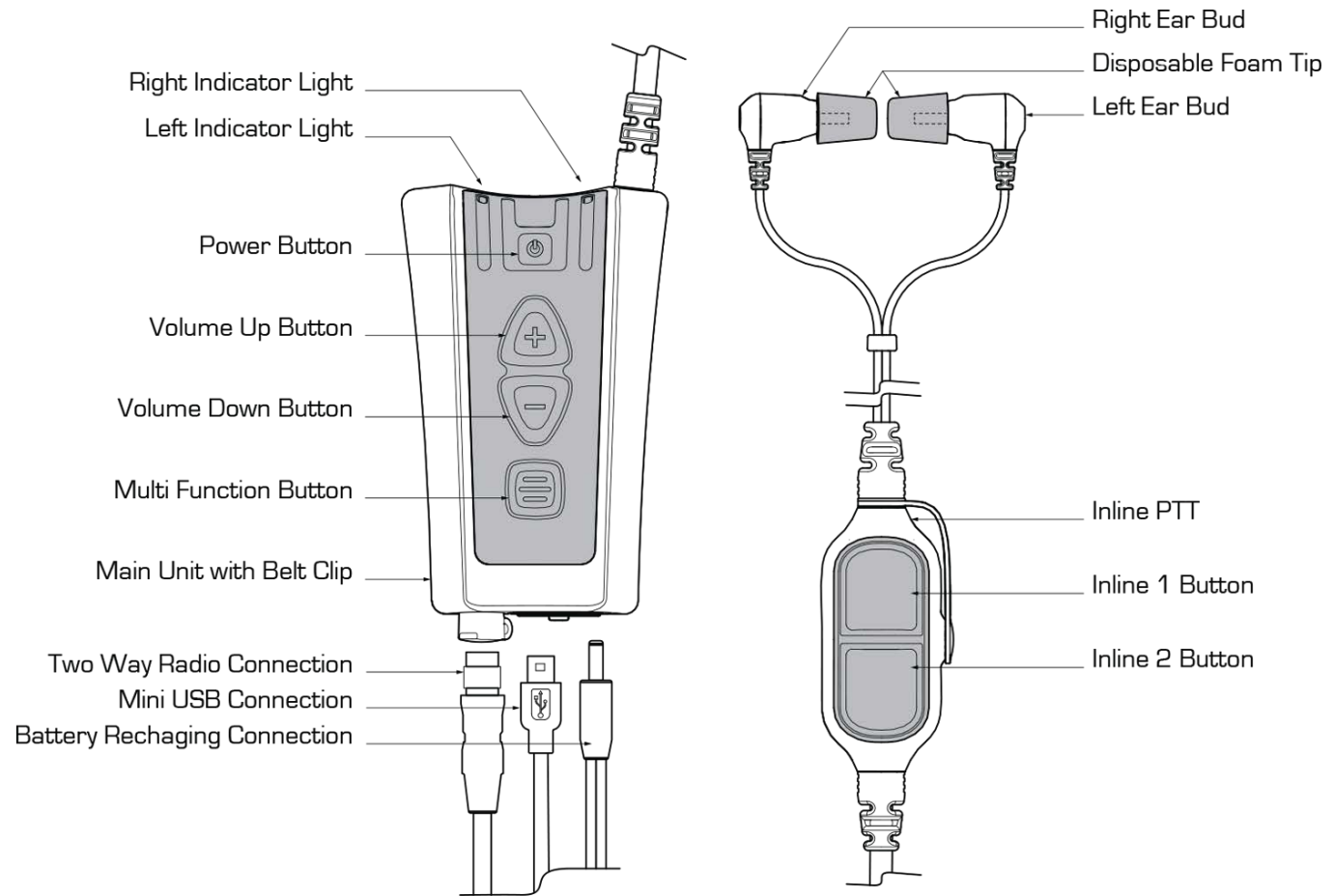
# smartPlug

## USER GUIDE

# GETTING STARTED

1. Headset anatomy
2. Wearing the headset
3. Fitting the Earbuds
4. Charging the headset
5. Power up the headset
6. Environmental modes
7. Connecting A Two Way Radio
8. Using Bluetooth
9. Bluetooth pairing and connecting
10. Using Short Range
11. Using FM Radio
12. Troubleshooting

## 1. HEADSET ANATOMY



## 2. WEARING THE HEADSET

The smartPlug is a state of the art hearing protection communication system that allows you to retain situational awareness while being in full contact with all your communication devices.

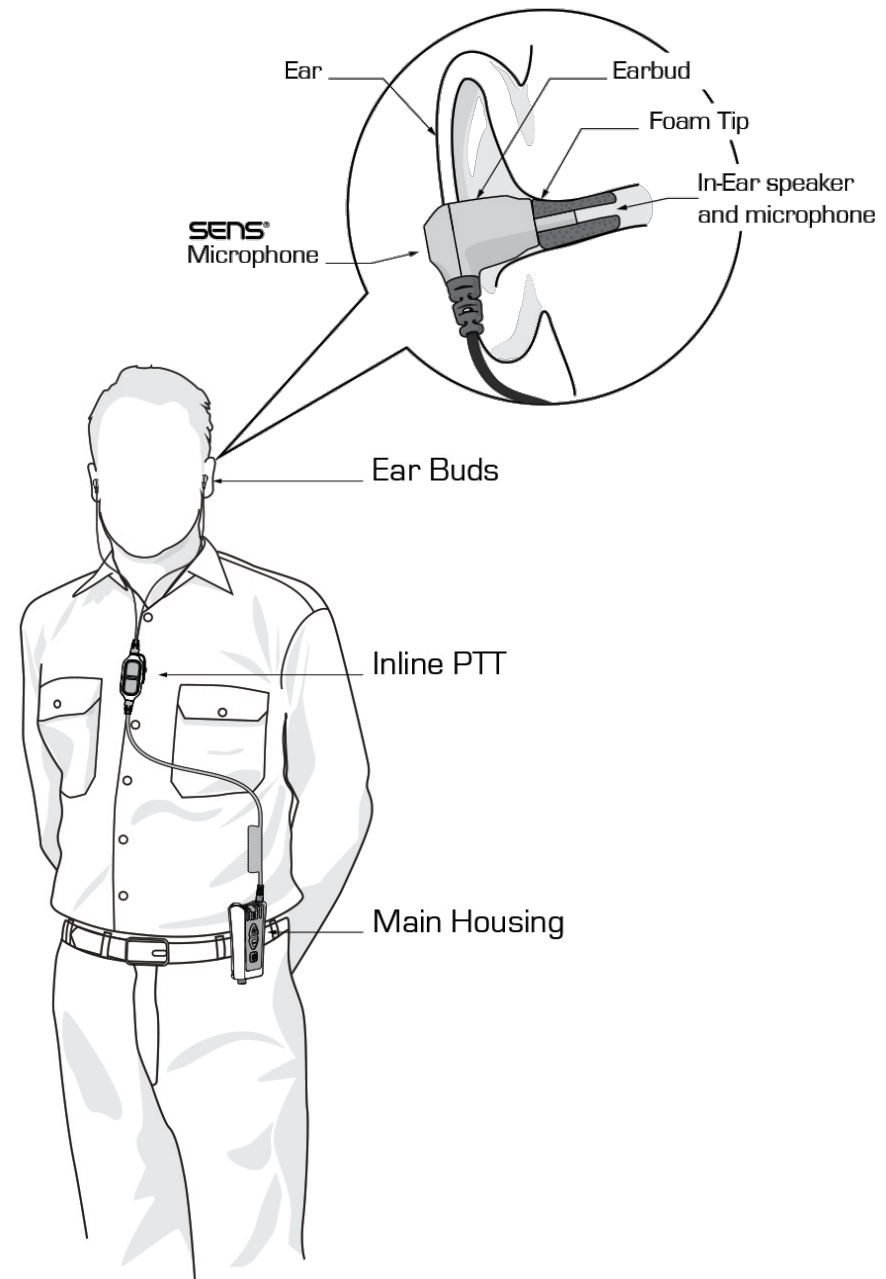
Situational awareness is provided by **SENS**® processing technology and environmental microphones within the Earbuds.

Contact through other communication devices is enabled by:

- Two Way Radios interface cables (sold separately).
- Bluetooth to Two Way Radios and cell phones (if installed)
- Direct Headset to Headset communications through Short Range (if installed)

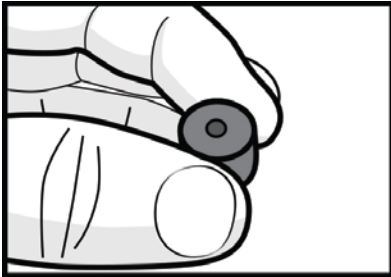
The smartPlug is designed to be worn with the main housing attaching to the belt or pant seam, and the Inline PTT attaching to the shirt / upper garment of the user.

**Note:** For SR communications, the best communication range is achieved with the Inline PTT set as high up on the user as possible.

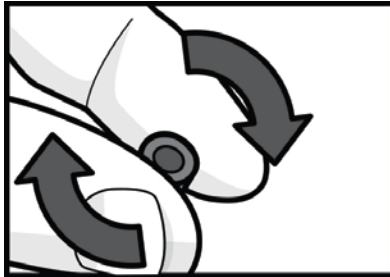


### 3. FITTING THE EARBUDS

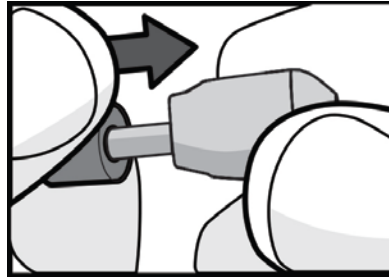
It is critical the earbuds are correctly fitted to ensure the correct level of hearing protection and communication abilities. The Earbuds incorporate an in-ear pickup, if the Earbuds are not fitted correctly, the speech quality may be lower than expected.



1. Place Disposable Foam Tip between thumb and forefinger.



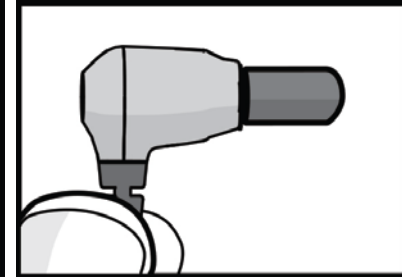
2. Roll Foam Tip to a compressed, crease free cylinder



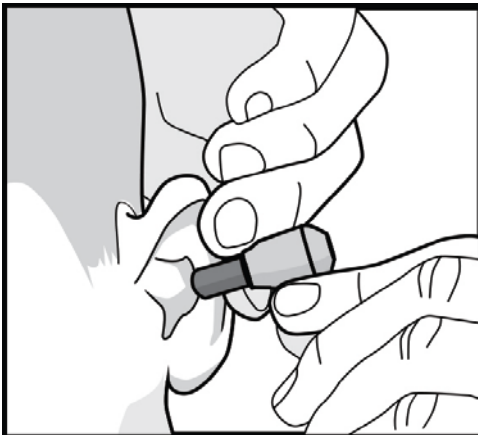
3. Push the Foam Tip all the way onto the Ear Bud spout.



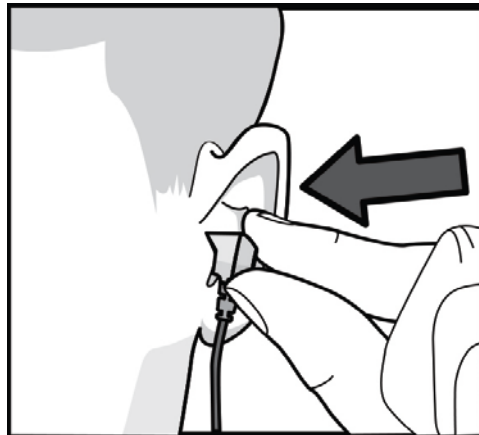
4. Roll the Foam Tip again between the thumb and forefinger.



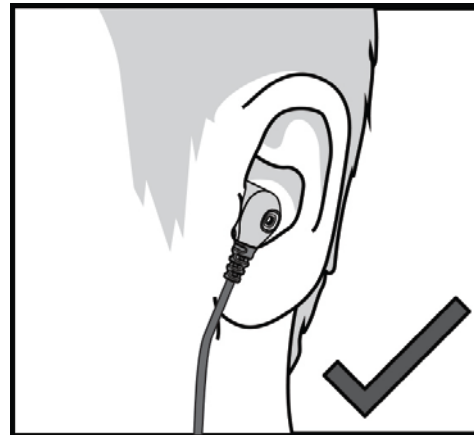
5. Ensure the Foam Tip remains a compressed, crease free cylinder on the Ear Bud.



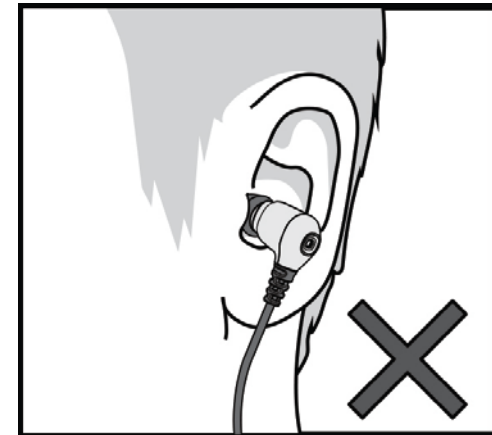
6. Using your opposite hand, pull your ear upward and outward. Insert the Ear Bud deeply into the ear - as you would normally do with a Foam Ear Plug.



7. Hold the Ear Bud in place for 30 seconds while the Foam Tip expands.



8. Check to ensure the Ear Buds are correctly inserted.



9. A poor fit will be visible by the Earbuds being far away from the ear. No foam tip should be visible. Repeat the process until a good fit is achieved.

## 4. CHARGING

Your headset comes supplier with a charger. Do not attempt to use third party chargers as damage may result.

The headset should be regularly charged. To charge your headset connect the charger to the headset and connect to the mains power.

**While charging the Right Indicator LED will be Red.  
When charging is complete the LED will turn Green.**

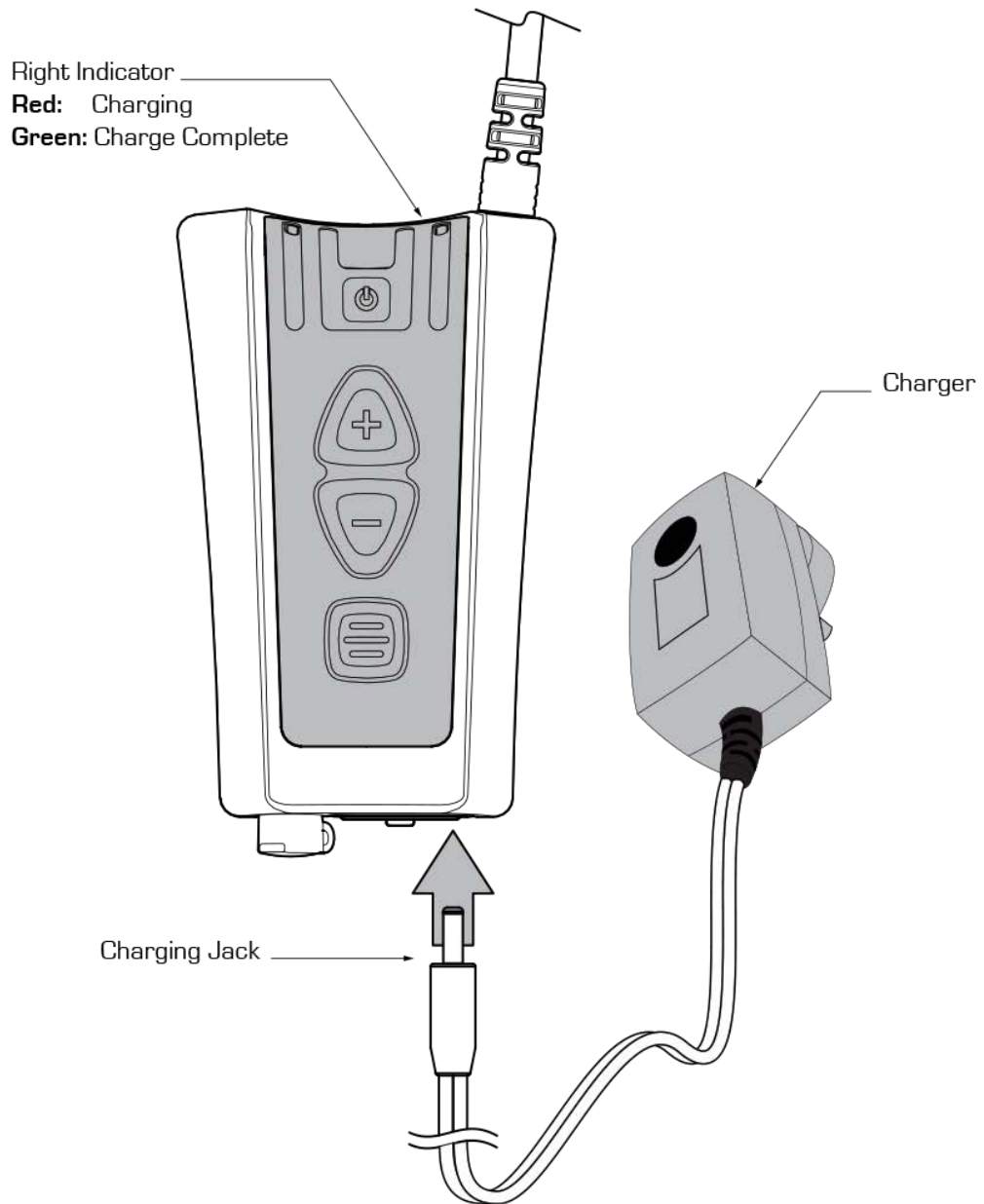
**Note:** Be sure to charge your headset fully before first use.

**Note:** Your headset will automatically power up when the charger is connected to the headset.

**Charge Time:** 5 hours

**Battery Life:** 15 hours

Your headset is powered by a built-in high capacity Lithium Ion battery. This is designed to last the life of your headset and should be returned to the manufacturer for replacement and servicing. Any attempt to access the battery will damage the headset. Please see accompanying smartPlug Headset Information guide for additional safety battery precautions.



## 5. POWER ON HEADSET

Your headset must be powered up to use **SENS**® situational awareness and the communication connectivity features.

### Power on / off

To power up your headset press and release the power button.

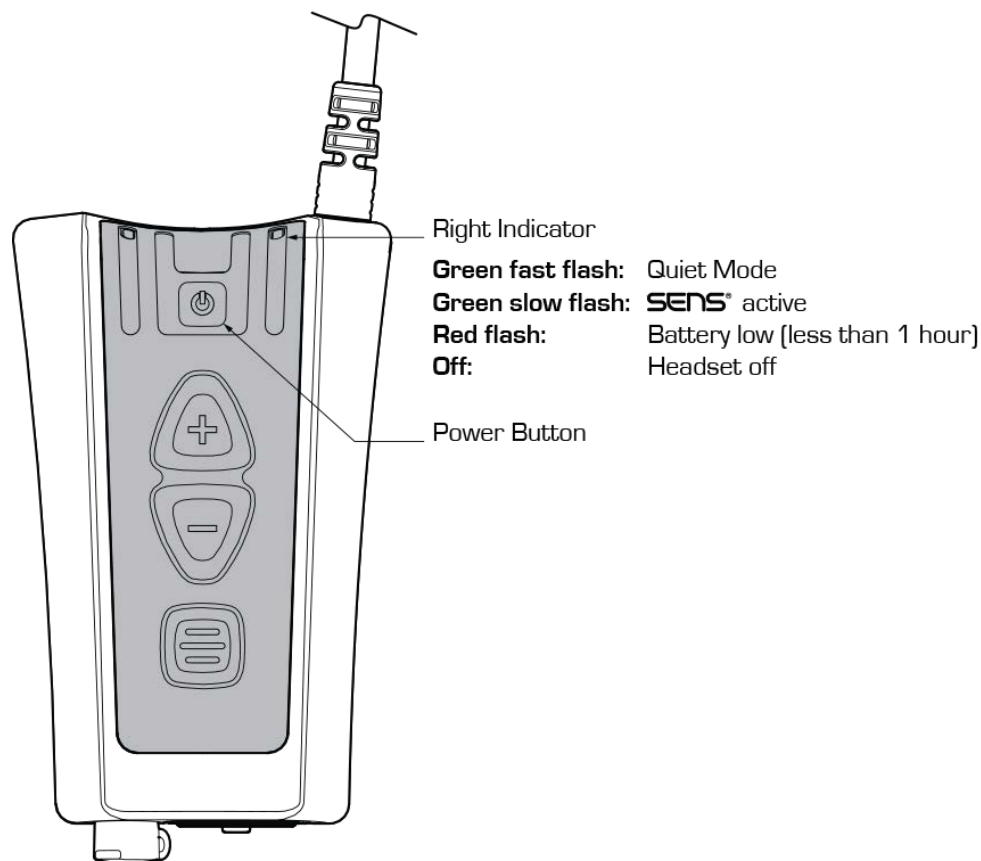
To power off your headset press and hold the power button until the unit powers off.

## 6. ENVIRONMENTAL MODES

Your smartPlug headset features **SENS**® situational awareness technology.  
[**S**peech **E**nhancement, **N**oise **S**uppression]

**SENS**® allows you to be in audible contact with your surroundings while wearing your headset.

To toggle **SENS**® situational awareness on or off momentarily press and release the power button.

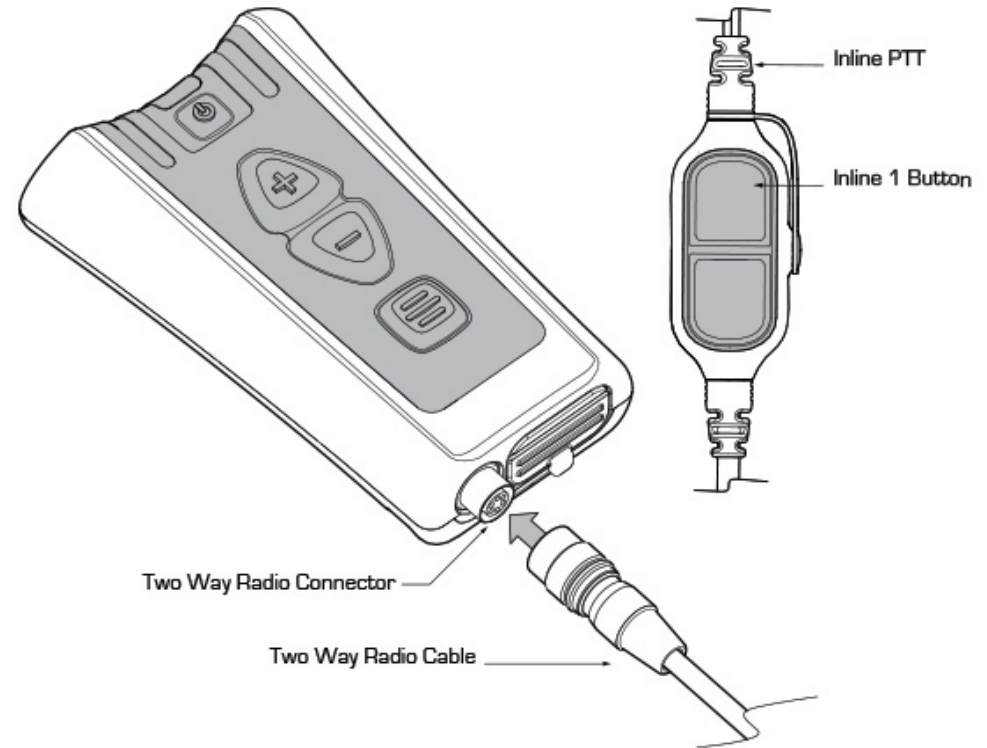


## 7. CONNECTING TWO WAY RADIO

smartPlug headset can be connected to most Two Way Radios through interface cables (sold separately).

1. Connect the Two Way Radio Cable into the Two way Radio Connector located on the bottom of the Main Unit.
2. Turn the Two Way Radio on. A tone will be heard through the headset indicating it has detected the Two Way Radio.
3. Adjust the volume of the Two Way Radio communication by the normal controls of your Two Way Radio until a comfortable level is reached.
4. To transmit, press and hold the Inline 1 Button or the button programmed by your dealer.

**Note:** See 'Using Bluetooth' for more information on connecting Two-Way Radios by Bluetooth.



## 8. USING BLUETOOTH

smartPlug Headsets also feature Bluetooth connectivity (if installed). Bluetooth enables wireless connections to some models of Two Way Radio, industrial computers, vibration analysers and most Cell phones. If Bluetooth is installed on your smartPlug, the following details apply.

**Default automatic connection setting:** When the headset powers up, the smartPlug searches for previously paired devices. If a previously paired device is within range, it will automatically attempt to reconnect to this device. A blue light will flash slowly if a Bluetooth connection is made and you will hear a tone in the headset.

**Note:** When entering pairing mode the smartPlug forgets all previously connected devices.

**Note:** Bluetooth is discoverable for 2 minutes in pairing mode. If no connection has been made within this time, the process will need to be repeated.

**Bluetooth Phone:** To answer calls, press the Multi Function Button (or programmed button, consult your dealer). To end or reject a call, press and hold the Multi Function button for 2 seconds.

**Bluetooth PTT:** Some radios and cell phones feature PTT over Bluetooth. Please consult your dealer for more information.

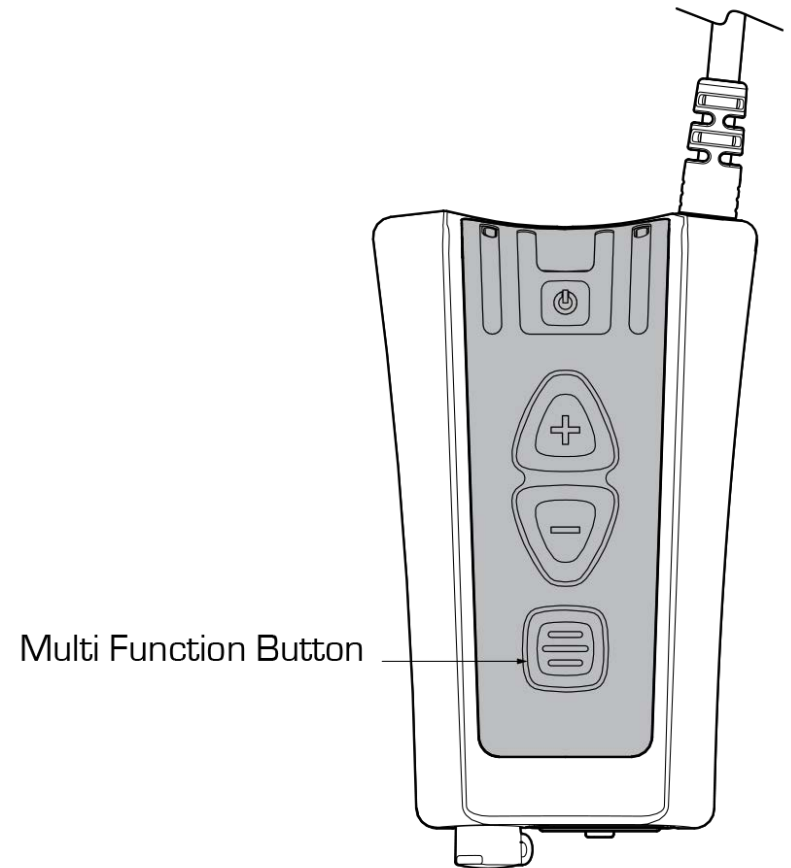


## 9. BLUETOOTH PAIRING AND CONNECTING

### Bluetooth pairing to new device:

For Bluetooth functionality, the smartPlug headset must be paired and connected.

1. Enable Bluetooth on the device which you want to connect to the smartPlug
2. Power up the smartPlug
3. Hold the Multi Function Button for 5 seconds to enable pairing. A blue light indicator will switch on.
4. Follow pairing instructions on the device that you want to connect to, search and pair the smartPlug. If asked for a passkey, enter 0000
5. Once paired, the headset will automatically connect and the blue light indicator will flash slowly.
6. If automatic connection fails, use the device instructions to connect to the smartPlug headset.



# 10. USING SHORT RANGE

Short Range (SR) is a technology enabling communication directly between compatible smartPlug headsets.

Short Range units tuned to the same channel and within range will hear your transmissions.

SR behaves similarly to Two-Way Radios, where only one unit can transmit at one time.

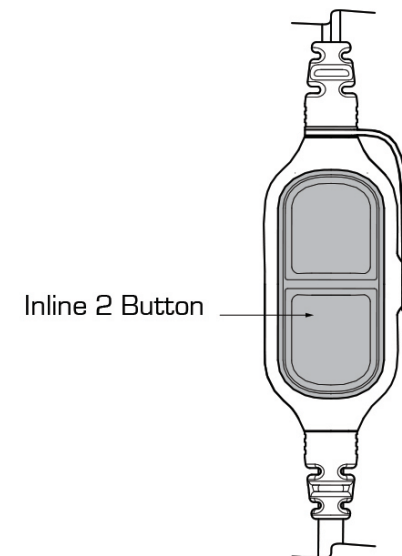
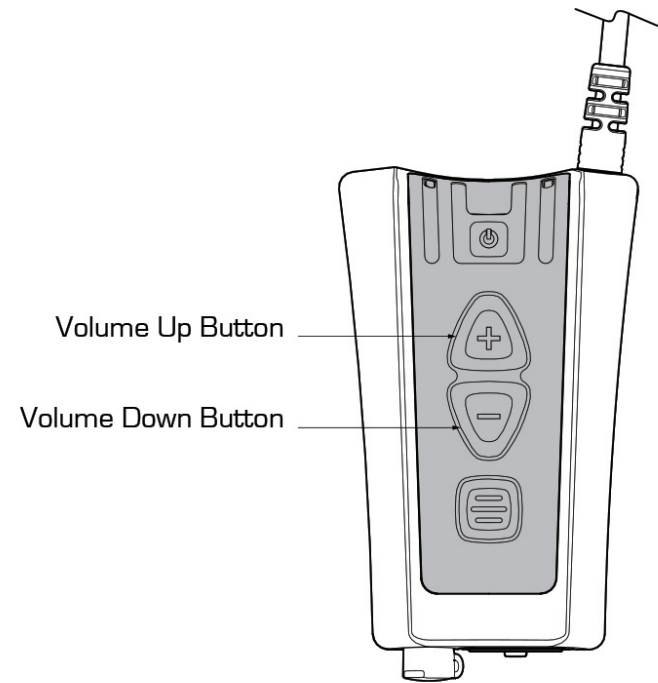
If Short Range is installed on your smartPlug, the following applies:

By default, Short Range is disabled and must be enabled. To enable Short Range press Volume Up and Volume Down buttons simultaneously, the smartPlug headset will make a tone indicating SR has been enabled.

**Headset to Headset Communication with SR:** To communicate with other smartPlug headsets push and hold the Inline 2 Button and talk. Other headsets within range and tuned to the same frequency will hear your transmissions.

**SR Change frequency channel:** To change SR channel up press and hold Volume Up. To change SR channel down press and hold Volume Down. The smartPlug headset will speak the channel number. Up to 8 channels can be programmed.

The SR frequency can only be set by your dealer. Please contact your dealer for reprogramming of channels.



# 11. USING FM RADIO

SmartPlug headsets can also be configured to receive FM radio stations. This enables you to listen to FM radio while wearing the smartPlug. If FM Radio is installed on your smartPlug, the following applies:

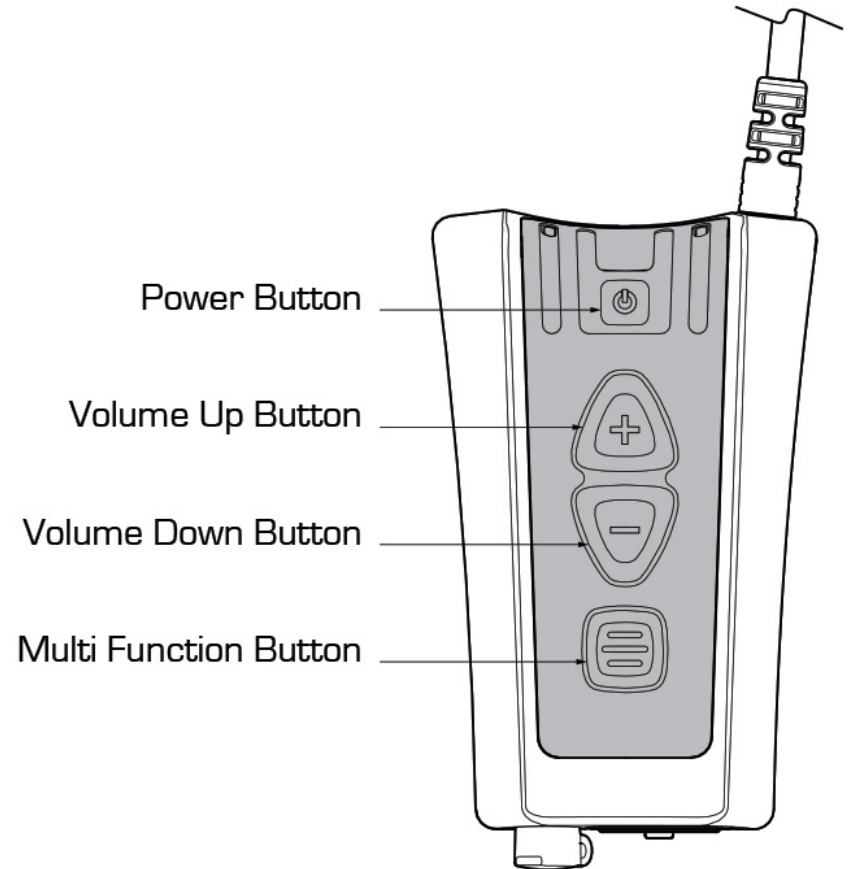
By default, FM Radio Reception is disabled and must be enabled as follows:

**FM Radio on / off:** Press the Power Button + Multi Function Button together simultaneously. The smartPlug will make a tone indicating that FM radio has been enabled and you will hear the currently tuned radio station in the headset.

To change radio stations, scan for a new station:

**FM Radio Scan:** Press and hold the Volume Up button for 2 seconds to scan up, or press and hold the Volume Down button for 2 seconds to scan down. The smartPlug headset will tune to the next stations

**Note:** SR and FM radio cannot be enabled simultaneously. Enabling FM radio will automatically disable SR Radio and vice versa.



# 12. TROUBLESHOOTING

## Having Trouble pairing the headset

Make sure any previously paired devices are powered off. Make sure the radio is configured with Bluetooth enabled.

## Headset and Radio will not connect

### Wired:

Make sure the cable is securely fastened to both the Two Way Radio and the Main Housing.

### Bluetooth:

Make sure your radio and headset are paired together and within range. Try pairing the two devices together again. Make sure the Two Way Radio is not connected to another device or headset.

## Having Trouble Hearing

Check your headset is on. Make sure your radio and headset are paired, connected and within range. Check the radio's LED indicator to check transmit/receive is not stuck on. Check your radio is functioning by turning off the headset and listening through the radio. If the radio is working, try turning up the volume control on the headset and on the radio controls.

## Having trouble being heard

Check the headset is on. Make sure the radio and headset are paired, connected and within range. Check your radio is functioning by turning off the headset and talking through the radio. Make sure you have fitted the Ear Buds correctly. Ensure radio gain is set to a reasonable level.

## Two-Way Radio distorted

Check your Two-Way Radio volume level. If the volume is set too high, this may be breaching the volume level on the smartPlug and affecting the sound quality.

Light Indicator	Headset Function
Red On	Charging
Green on	Charge Complete
Red slow flash	Battery Low <1hr remains
Green fast flash	Quiet mode
Green slow flash	<b>SENS</b> <sup>®</sup> situational awareness active
Blue on	Bluetooth on and discoverable
Blue slow flash	Bluetooth connected
Blue fast flash	Bluetooth incoming call