

## PMR BLUETOOTH SPEAKERPHONE USER GUIDE



### Declaration of Conformity.

We declare that this product conforms to the R&TTE Directive The product identified above complies with the requirements of the R&TTE directive above on the basis of the Standard **EN 300 328-2, EN 301 489-1/-17, EN 60950-1**, this declaration is applied to the test report No.: EF/2005/30005, EC/2005/30006 and EV/2005/30012. For more information refer to our website.

**CE 0678**

### Introduction

Welcome to Bluetooth wireless world.

The PMR Bluetooth speakerphone is a hands-free mobile phone accessory that supports Bluetooth functions. It can connect wirelessly to most makes and models of Bluetooth mobile phone. It can be carried around with you - making mobile calls more convenient, flexible and user-friendly.

The PMR Bluetooth speakerphone supports the following features:

- Hands free audio can be achieved seamlessly and wirelessly through the Bluetooth link to your mobile phone
- High quality digital audio interface
- Voice dialing (requires the Bluetooth mobile phone to support voice dialing functions)
- Built-in DSP echo canceling circuit to cancel echo and reduce noise
- Supports Headset V1.1 and Hands free V1.0 profile

### Package Contents and requirements

The PMR speakerphone is supplied with various accessories listed later under 'Supplied Accessories'. When you receive the unit please check that all the accessories are present. If not please contact your supplier. You need a compatible Bluetooth mobile phone (not included) to be able to use this unit.

### Description of Controls



**Function Button:** Performs several interrelated functions.

**Microphone:** Built-in type on swivel arm (30° is the recommended angle. See picture on front cover)

**Power on/off button:** Power on/off and hang up call

### Description of Status Indicators:

**Blue indicator on, red indicator off:** indicates that the speakerphone is connected with the Bluetooth mobile phone

**Blue indicator off, red indicator off:** indicates that the speakerphone is switched off

**Blue indicator off, red indicator flashing:** indicates that the speakerphone is searching for a Bluetooth mobile phone

**Blue indicator flashing, red indicator off:** indicates that the speakerphone is in pairing mode

**Blue indicator on, red indicator on:** indicates that call is in progress

**Red led flashing every 3 seconds:** this means you must charge the battery with the special charger for 3 hours

**Red led on:** battery charging

**Red led shimmering:** battery fully charged

### To charge the speakerphone

- Plug the AC adapter into the unit.
- Plug the AC adapter into a wall outlet. The red LED will go on.
- When charging has finished, the red LED will shimmer.
- Unplug the charger cable from the wall outlet and the unit.

### Pairing the Speakerphone and your Bluetooth mobile phone

The PMR Bluetooth speakerphone can only be used after it has been paired with your Bluetooth mobile phone. Pairing establishes the Bluetooth wireless link between the speakerphone and your mobile phone. (The PMR speakerphone can store a maximum of three sets of pairing information.) **The PIN code is: '0000'**

**Initial pairing:** (The speakerphone must be powered on and the Bluetooth mobile phone should be within a few metres of it)

- Press function button for 4 seconds to six seconds, the blue indicator flashes every 0.5 second. This indicates that the unit is in headset pairing mode.
- Press function button for more than 6 seconds or until the blue indicator flashes every 1 second. This indicates that the unit is in hands-free pairing mode.
- Operate your mobile phone Bluetooth menu to complete the pairing process. (see the examples below for several types of phones). **The PIN code is: '0000'**
- After pairing is complete, during hands free unit linking with Bluetooth phone, the blue indicator is on and red indicator is off.

Note: During pairing, if you click the function button, the pairing operation will be cancelled and the unit will revert to standby status.

### Examples of pairing procedures for common phone types:

The basic procedure for pairing with a mobile phone is the same for all makes and models. However, the details of the menus and procedures can vary – especially for mobile phones from different manufacturers. Some examples of the pairing procedure for the PMR Bluetooth speakerphone with Motorola, Nokia and Ericsson Bluetooth mobile phones are described below:  
(See the operating instructions of your phone for full details)

#### Nokia phone (8910i):

Enter into function menu? Select Data Link? Select Bluetooth? Select Search for Audio Device? (If a suitable Bluetooth device is detected (in this case the speakerphone), the name of that Bluetooth device is displayed). Select this device? Enter pin code 0000

#### For Motorola phone(V500):

Enter into MENU? Select ? "Setting"? Select ? "Connection" ? Select "Bluetooth Link"? Select ? "Hands free"? Select ? Scan All (If a suitable Bluetooth device is detected (in this case the speakerphone), the name of that Bluetooth device is displayed). Select this device ? Enter pin code 0000

#### For Sony Ericsson phone (T68i):

Press middle function key (between dialing key and cancel key)? Select "Connection"? Select "Bluetooth"? Select "Scan device"? (If a suitable Bluetooth device is detected (in this case the speakerphone), the name of that Bluetooth device is displayed). Select this device? Enter pin code 0000

## Connection/Disconnection

### AUTOMATIC CONNECTION:

After initial pairing is complete, the speakerphone will remember the ID of the phone. Every time you power on the unit, the speakerphone unit will automatically search for the Bluetooth mobile phone used last time. The blue indicator is off and the red indicator flashes. After the Bluetooth link is established, the blue indicator is on and the red indicator is off.

**\*Note: The Bluetooth phone must be switched on and Bluetooth must be enabled on it before the speakerphone is switched on. Otherwise the speakerphone will not reconnect to it.**

### MANUAL CONNECTION (from speakerphone)

When the speakerphone is in standby mode and isn't connected with the Bluetooth mobile phone after pairing, you can click the function button to make the Bluetooth speakerphone search for the paired phone. At this point, the red indicator flashes and the blue indicator is off. After the connection is established the blue indicator is on and the red indicator is off.

### MANUAL CONNECTION (from mobile phone)

With the speakerphone in standby mode and not connected with your Bluetooth mobile phone after pairing, you can use your phone's Bluetooth menu to re-establish the Bluetooth link. Refer to the Bluetooth section of the operating instructions for your phone for further details.

### CANCEL SEARCHING

While the speakerphone is searching for your Bluetooth mobile phone you can click the function button to cancel searching and to let the unit return to standby mode.

### AUTOMATIC DISCONNECTION

If the power is turned off, the speakerphone will automatically disconnect from the Bluetooth mobile phone.

### MANUAL DISCONNECTION

With speakerphone in standby mode and connected with the mobile phone, you can press the function button for more than 6 seconds to disconnect the speakerphone and the Bluetooth mobile phone.

### MAKING CALLS

Make calls using the keypad of your Bluetooth mobile phone. During the call, the blue and red indicators of the speakerphone light up.

### ANSWERING CALLS

When the unit rings on an incoming call you can click the function button to answer the call, or you can click the power button to reject the call.

### HANG UP CALLS

During the call, you can click the power button to hang up the call.

### SWITCH CALL MODE

When a call is in hands free mode, you can press the function button for more than 6 seconds to switch to mobile phone mode. You can also switch from mobile phone mode to the speakerphone through your phone's menu.

### ADJUST VOLUME

During a call you can click the volume button or press the volume button for a long time to adjust the volume.

### LAST NUMBER REDIAL

In standby mode you can click the "+" button and the system will redial the last number you have dialed.

**This following function only apply to Bluetooth phones that have voice dialing capability.**

### VOICE NAMETAG

Add a voice nametag for the number to be voice dialed. Refer to "voice control dialing" section in the user manual for your mobile phone.

### INITIATE VOICE CONTROLLED DIALING

At standby status and Bluetooth mobile phone is connected, click the function button to initiate voice control dialing, a voice prompt can be heard.

### VOICE CONTROLLED DIALING

Speak the nametag for the number to be dialed. If the spoken nametag matches a stored nametag, an outgoing call is placed to the number with this nametag.

## TROUBLESHOOTING

PROBLEM	CAUSE ANALYSIS	SOLUTION
Can't be switched to hands free mode	No Bluetooth link established	Conduct pairing operation. Then establish connection
Fail to pair	Phone locks its Bluetooth functions. (Note: PIN Code is: 0000)	Re-power up unit and initiate pairing operation again or power phone off then power it on to scan again
Bluetooth link can't be established automatically	Pairing information in phone or speakerphone is cleared.	Try pairing again
When a call is incoming, it is answered in 6 seconds	Auto answer function is set.	Turn off this function
When a call is established no voice is heard	Manual switching of voice is needed for some phones.	Use phone menu to transfer voice to the speakerphone
No voice from phone and hands free unit	Bluetooth function of phone is not working	Use phone menu to transfer voice to the speakerphone
Broken voice	Too loud	Decrease the volume
Pair fail	PIN error	Input pairing code '0000'

## Supplied Accessories

The PMR Speakerphone is supplied with the following accessories:

- UK mains travel charger
- Car charger
- Additional wired earphone
- Clip for sun visor
- Glass mounting sucker kit

### IMPORTANT NOTE: Compatibility with mobile phones

Most makes and models of mobile phones will work well with this unit. Your Mobile phone must support Bluetooth audio transmission. Some of the functions described in this user guide may not work correctly or be usable with certain makes and models of mobile phone. Please read the operating instructions for your phone carefully.

### Safety and general information

This device conforms to FCC Part 15.

User should not change or modify this device in anyway. The change or modification may cause the cancellation of user's right to use this device and also invalidate the warranty. To avoid radio interference to any authorized services, this device should be used as supplied without any modifications.

This device conforms to Directive R&TTE of May 1995 of European Community and is approved to bear CE label.

If no proper protection design or electromagnetic compatibility is considered, almost all devices will be affected by electromagnetic interference (EMI).

Don't put fingers, hands or other body parts too close to the swivel microphone otherwise they could be trapped and hurt.

### CUSTOMER SERVICE INFORMATION

For other PMR Bluetooth products or support, please contact us  
PMR Technology Ltd      Web: [www.pmrtechnology.co.uk](http://www.pmrtechnology.co.uk)  
Email: [support@pmrtechnology.co.uk](mailto:support@pmrtechnology.co.uk)

or EskTech Ltd (Windigo European Support Centre)  
Web: [www.esktech.com/support](http://www.esktech.com/support)  
Email: [support@esktech.com](mailto:support@esktech.com)

or your local supplier or representative

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