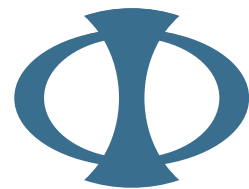


# gateway

## XSports® 2400P

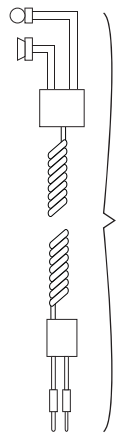
wireless communication



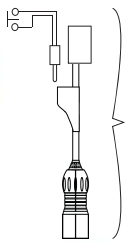
**Phicom®**  
extreme communication

# application

## Evaluation System



Existing Helmet Kit Wiring - Already fitted



Radio and Remote PTT worn by the police officer



# evaluation

## Remote terminal supports the following functionality

- 1) Remote control of motorcycle radio PTT

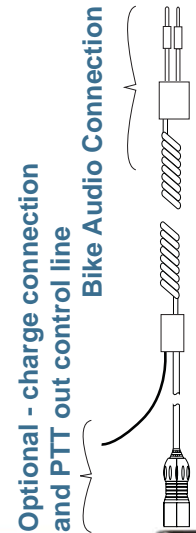
The XSports 2400P provides a PTT out switch (N.O.) which can be wired in parallel to the PTT on the motorcycle handle bars.

This will allow the Police Officer to maintain normal communications with Control, receiving audio and using the remote PTT to key up the radio (VHF or UHF) wired to the motorcycle.

- 2) Bike unit can be powered by motorbike

The trial units can be powered by the motorcycle using an adapter kit

- 3) Configurable audio levels



# fast facts

- 1 Power control
- 2 Volume control
- 3 Indicators
- 4 Connector
- 5 Function button
- 6 Plus Button
- 7 Minus Button
- 8 Throat microphone
- 9 Headset
- 10 Filter Control
- 11 Push to transmit



## When the radios arrive pre-programmed for users (paired)

- 1) Turn on both radios
- 2) On one of the radios make a single click on the PTT button (11) of the radio.

It will signal it's looking for the other radio with a flashing amber light. It will either find the other radio or time out. If it finds the other radio - both radios will flash the red lights signaling a connection.

- 1) To disconnect from a radio (when connected) double click the PTT button
- 2) To connect to the second user - double click the PTT button
- 3) To disconnect from the second user - double click the PTT button

To connect to the third user - press and hold the PTT button until the radio starts to search for the third radio.

## Programming the Radios

The radios have three memory locations (accessed with 1 click, 2 clicks or a press and hold of the PTT Button for 1 second). These locations are programmed into the radio using the function button (Phi - button 5) - using the following procedure.

When programming a radio to another - they both have to be programmed together so that each of them knows about the other. This operation needs to be performed on both radios at the same time. **TURN OFF ALL OTHER BLUETOOTH DEVICES!**

Radio 1	Radio 2
Single Press of the function (5) button	Press and hold Function (5) button (1s)

They search for each other - once when they find each other they will connect and they can talk to each other. To store the radio 1 or radio 2 for later:

Press + (6) a single click	Press + (6) a single click
----------------------------	----------------------------

For both radios to connect, both must be stored (programmed) to a memory location. Programming will remain in the memory until erased or reprogrammed.

One click the + button for the first location  
Two clicks of the + button for the second location  
Press and hold the + button for the third location

# fast facts

## To Remove a stored radio

To remove a stored radio from the first, second, or third memory location, simply double click the Phi (5) button, and click the minus button, once for the first location, twice for the second and press and hold for the third.

## Programming over existing radio locations

The user is not required to erase a memory location to program with another radio - new radios can simply be programmed over the existing ones.

## What happens when I get a beeping sound in my ear

This indicates that there is a call waiting - and if you want to ignore the caller - simply double click on the PTT and the call waiting beep will go away.

## What if I want to accept the other call

When you get a call waiting beep you will need to cancel the call waiting tone (double click the PTT button), disconnect from the current call and your new call will be automatically accepted (another double click of the PTT).

## My battery life seems low

Battery life is a function of how much time is spent connected to another call and how far away that caller is. The radios works for between 4 and 8 hours up to 30 meters, above this range, higher levels of power are required to transmit and keep the channel open. Above a range of 150m time may decrease to two hours at full range and full power - conditions depending.

## My radio doesn't seem to perform

Turn off the radio and recharge.

## How waterproof is waterproof

The radio has been designed and tested for total immersion at a depth of 1m for 1 hour.

# - continued

With some sports and activities contact with the water will be at a higher pressure and will require additional measures to ensure the radio will continue to operate as per the warranty. Activities that may result in high speed contact with water are water skiing, jet skiing and other boating activities. In order to ensure radio operation - Phicom recommends using its standard harness to reduce initial water impact, and allow retention of integrity of the product seals.

Phicom is continually improving its product and if you have any questions regarding your use - please contact Phicom and we will advise or recommend a special application product or provide a quote for enhancements to your model.

*This equipment has been tested and found to comply with FCC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines in Supplement C to OET65. The antenna used for this transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.*

### CLASS B Product

*NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:*

*Reorient or relocate the receiving antenna*

*Increase the separation between the equipment and receiver*

*Connect the equipment into an outlet on a circuit different from that to which the receiver is connected*

*Consult the dealer or an experienced radio/TV technician for help*

*Warning: Any changes or modifications not expressly approved by Phicom Pty Ltd could void the user's authority to operate this equipment.*



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