

# UCOM

## Twintalker 6800



**USER GUIDE**

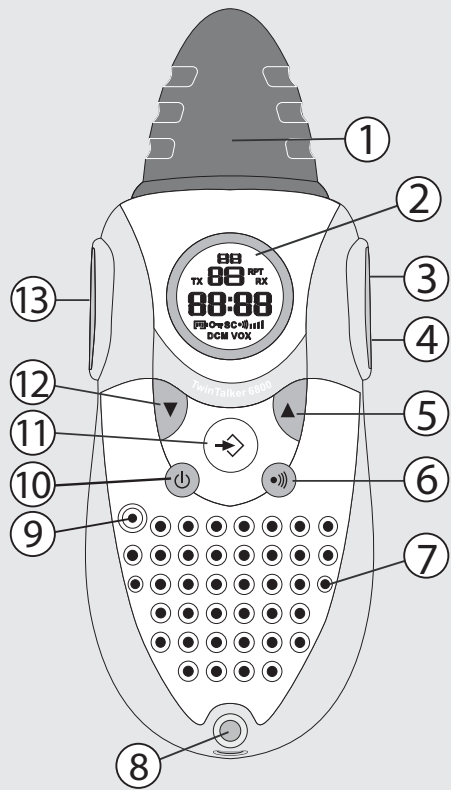
Twintalker 6800 V1.6 - 11/08 



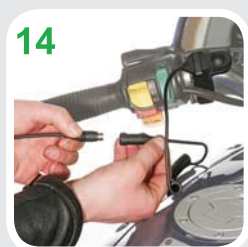
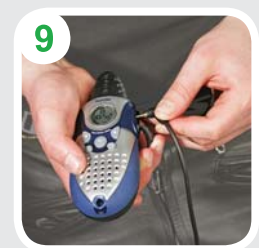
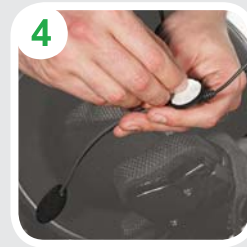
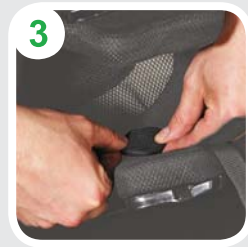
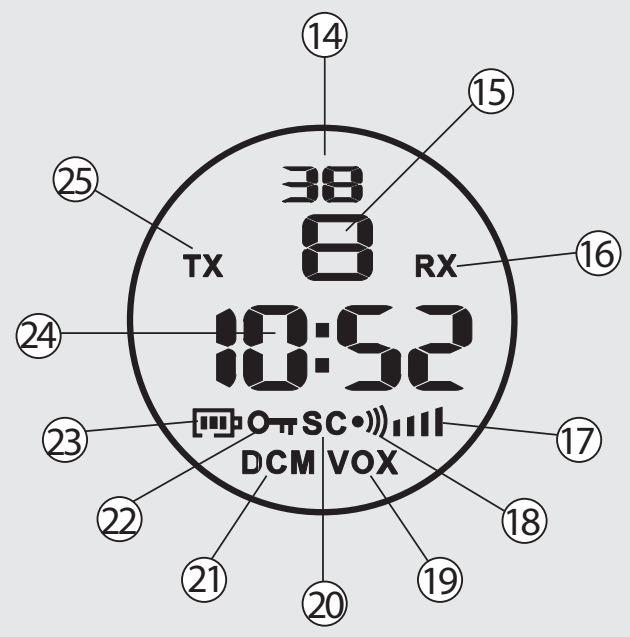
**UK** The features described in this manual are published with reservation to modifications.

**UK** The CE symbol indicates that the unit complies with the essential requirements of the R&TTE directive.

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<b>1</b>	<b>Intended purpose</b>	<b>5</b>
<b>2</b>	<b>CE Mark</b>	<b>5</b>
<b>3</b>	<b>Safety instructions</b>	<b>5</b>
3.1	General	5
3.2	Burning injuries	5
3.3	Personal safety	5
3.4	Electrical safety and protection	6
3.5	Batteries	6
3.6	Danger of explosion	7
3.7	Legal	7
<b>4</b>	<b>Using a PMR device - general information</b>	<b>7</b>
<b>5</b>	<b>Included in the package</b>	<b>8</b>
5.1	Checking the package content	8
5.2	Unpacking the device and accessories	8
<b>6</b>	<b>Description and functions of the buttons</b>	<b>8</b>
<b>7</b>	<b>Description of the display icons</b>	<b>9</b>
<b>8</b>	<b>Installation: Belt clip, lanyard and batteries</b>	<b>9</b>
8.1	Removing/Installing the Belt Clip and lanyard	9
8.2	Battery Installation	9
8.3	Headset, Twintalker and PTT-remote button installation	10
<b>9</b>	<b>Motor headset connection</b>	<b>10</b>
<b>10</b>	<b>Battery Charge Level/Low Battery Indication</b>	<b>11</b>
<b>11</b>	<b>Recharging batteries</b>	<b>11</b>
11.1	Power adapter connection	11
11.2	Car charger connection	12
<b>12</b>	<b>Using the Twintalker 6800</b>	<b>12</b>
12.1	Turning the Unit ON/OFF	12
12.2	Clock functions	12
12.3	Adjusting Speaker Volume	13
12.4	Receiving a Signal	13
12.5	Transmitting a Signal	13
12.6	Changing Channels	14
12.7	CTCSS (Continuous Tone Coded Squelch System)	14
12.8	Monitor	15
12.9	VOX Selection	15
12.10	Channel Scan	15
12.11	Call Tones	16
12.12	Roger Beep On/Off	16
12.13	Key-Tone On/Off	16
12.14	Dual Channel Monitor function	17
12.15	Button Lock	17

<b>13</b>	<b>Troubleshooting</b>	<b>18</b>
<b>14</b>	<b>Cleaning and maintenance</b>	<b>18</b>
14.1	Cleaning the device	18
14.2	Maintenance	18
<b>15</b>	<b>Disposal of the device</b>	<b>19</b>
<b>16</b>	<b>Technical specifications</b>	<b>19</b>
<b>17</b>	<b>Service address and hot-line support</b>	<b>20</b>
<b>18</b>	<b>Declaration of conformity and manufacturer</b>	<b>20</b>
<b>19</b>	<b>Warranty</b>	<b>20</b>
19.1	Warranty period	20
19.2	Warranty handling	20
19.3	Warranty exclusions	20

## 1 Intended purpose

This device can be used to have wireless communication between two or more motorcyclists. The motor headset allows to speak handsfree while riding. It is intended to be used during private leisure, for example, to communicate during day trips or touring.

This device is not intended to be used for professional purposes.

The device is only allowed to be used under the described safety instructions.

## 2 CE Mark

The CE symbol on the unit, user guide and gift box indicates that the unit complies with the essential requirements of the R&TTE directive 1995/5/EC (Radio and Telecommunications Terminal Equipment). The CE declaration is retained by the manufacturer.

## 3 Safety instructions

### 3.1 General

Please read carefully through the following information concerning safety and proper use. Follow the next safety instructions. Make yourself familiar with all functions of the device. Keep this manual on a safe place for future use, so the information can be consulted in case there are questions or problems.

### 3.2 Burning injuries



#### **DANGER!**

- Do not touch the antenna when the cover of the antenna is damaged. When a bare antenna comes in contact with the skin, a minor burn may result when transmitting.

### 3.3 Personal safety



#### **DANGER!**

- When used in a car: Do not place your device in the area over an air bag or in the air bag deployment area. Air bags inflate with great force. If a communicator is placed in the air bag deployment area and the air bag inflates, the communicator may be propelled with great force and cause serious injury to the occupants of the vehicle.
- Keep the radio at least 15 centimeters away from a pacemaker.
- Turn your radio OFF if you are near to medical equipment. This will avoid malfunctions due to interference with the equipment. Interference can disturb sensitive medical equipment.
- Install the cables from the headset and the PTT- remote control button so that they does not influence your freedom of movement.
- The cables may not be loose connected, because the danger exists that they will get caught up by obstacles.
- When you detect, during riding, that the headset, transmitter or PTT remote control button or the cable are not well positioned, you have to stop to adjust the position. Adjusting the parts while driving brings you and other road users in danger.

### 3.4 Electrical safety and protection



#### DANGER!

- Dangerous voltage is present inside the equipment.
- Never open the housing or insert objects through the ventilation holes.
- Do not operate the equipment if the equipment itself is damaged.
- Do not allow liquids to get into the equipment. In case of emergency, pull out the plug from the socket.
- If the equipment is dropped, then it must be checked by an electrician before further use.
- The equipment is not to be used in a damp room (e.g. bathrooms) or rooms where there is a lot of dust.
- Children frequently underestimate the dangers associated with electrical equipment. Therefore you must never leave children unsupervised in the vicinity of electrical equipment.



#### CAREFULL!

- Similarly, if a fault develops during use or before you start to clean the equipment, pull the plug out if the socket.
- Do not touch the charger and plug contacts with sharp or metal objects.
- Do not carry out any modifications or repairs to the equipment yourself. Have repairs done to the equipment or the mains cable only by a specialist service centre. Unsatisfactory repairs can lead to considerable danger for the user.
- Equipment connected to the mains during a thunderstorm can be damaged by lightning. Therefore you should pull the plug out of the mains socket during a storm. Always use a main socket which is easy accessible.

### 3.5 Batteries



#### DANGER!

- Batteries can cause fire or burns when the terminals are short-circuit.
- Be careful with charged batteries, especially when placing it inside a pocket, purse or other container with metal objects. Conductive material such as coins can cause a short circuit.
- Do not replace batteries in a potentially explosive atmosphere. Contact sparking may occur while installing or removing batteries and cause an explosion.
- Never throw batteries in fire as they may explode.
- Keep batteries away from small children.
- Leaking acid from batteries may damage the device permanently. Remove the batteries if the device is not going to be used for a long period.
- Handle damaged or leaking batteries very carefully.



#### CAREFULL!

- Damaged batteries may start leaking and cause injuries (affect of the skin) or damage the device.

**IMPORTANT!**

- Remove the batteries if the device is not going to be used for a long period.

**3.6 Danger of explosion****DANGER!**





- Turn your communicator off when in any area with a potentially explosive atmosphere. Sparks in such areas could cause an explosion or fire. This might result in bodily injury or even death.

**3.7 Legal****NOTE!**

- In some countries it is prohibited to use your PMR while driving a vehicle. In this case leave the road before using the device.
- Don't use the device while passing another vehicle as this will distract you and cause possible danger to you and other road users.
- Turn your unit OFF on board an aircraft when instructed to do so. Any use of the unit must be in accordance with airline regulations or crew instructions.
- Turn your unit OFF in any facilities where posted notices instruct you to do so. Hospitals or health care facilities may be using equipment that is sensitive to external RF energy.
- Replacing or modifying the antenna may affect the PMR radio specifications and violate the CE regulations. Unauthorised antennas could also damage the radio.

**4 Using a PMR device - general information**

To communicate between PMR devices they need to be set all on the same channel and within receiving range (up to max. 5 km in open field). Since these devices use free frequency bands (channels), all devices in operation share these channels (total 8 channels). Therefore, privacy is not guaranteed. Anybody with a PMR set to your channel can overhear the conversation.

- If you want to communicate (transmitting a voice signal) you need to press the -button  (Push To Talk). Once this button pressed, the device will go into transmit mode.
- Hold the unit in a vertical position with the MICROPHONE 5 cm from the mouth and speak into the microphone.
- All other PMR devices in range, on the same channel and in stand-by mode (not transmitting) will hear your message.
- You need to wait until the other party stops transmitting before you can reply to the message. At the end of each transmission the unit will send a beep.
- To reply, just press the -button  and speak into the microphone.

**NOTE!**

- If two or more users press the (PTT) - button (13) at the same time, the receiver will receive only the strongest signal and the other signal(s) will be suppressed. Therefore you should only transmit a signal (press (PTT) - button (13)) when the channel is free.
- Do not touch the antenna while transmitting, it could affect the range.

## 5 Included in the package

### 5.1 Checking the package content

Check the completeness of the package. If parts are missing, contact your dealer before using the device.

- 1 x Twintalker 6800
- 1 x Motor headset
- 1 x Power adapter
- 1 x Car charger
- 4 x NiMH rechargeable batteries
- User guide
- Card with service address and Hot-line

### 5.2 Unpacking the device and accessories

- Take the device and the accessories out of the package.
- Remove the cable ties and pull the protection label from the display.

## 6 Description and functions of the buttons

See illustration A on the folded cover page.

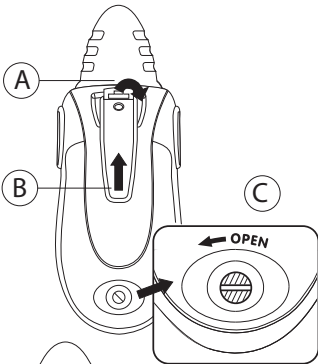
1. Antenna
2. LCD Display
3. Headset connector
4. Charger connector
5. Up button (▲)
  - Setting, for example, increase the speaker volume
  - Select the next item in the menu
6. Call button (☎)
  - Transmit a call tone
7. Speaker
8. Lanyard connection
9. Microphone
10. On/Off button (⏻)
11. Menu button (⌂)
  - Enter the menu.
12. Down button (▼)
  - Setting, for example, decrease the speaker volume
  - Select the previous item in the menu.
13. Push To Talk button (PTT)
  - Press To Talk or release to listen
  - Confirm a setting in the menu

## 7 Description of the display icons

See illustration B on the folded cover page.

14. CTCSS code
15. Channel number
16. RX icon
  - Displayed when receiving a signal
17. Speaker volume indicator
18. Call icon
  - Displayed when you are sending out a call tone
19. VOX icon
  - Displayed in Voice controlled (Vox) mode
20. Lock icon
  - *Displayed when the key pad is locked.*
21. Scan icon
  - Displayed when scan mode is active
22. Dual Scan icon
  - Displayed when dual scan mode is active
23. Battery charge level indicator
24. Time
25. TX icon
  - Displayed when transmitting a signal

## 8 Installation: Belt clip, lanyard and batteries

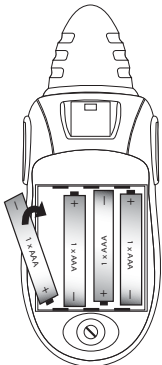


### 8.1 Removing/Installing the Belt Clip and lanyard

- To remove the clip from the unit, push the belt clip (B) towards the antenna, while pulling the clip tab (A).
- When re-installing the belt clip, a click indicates the Belt Clip is locked into position.
- On the Lanyard connection (8), you can connect an armband or neck strap.

### 8.2 Battery Installation

- Remove the belt clip (see chapter 8.1).
- Loosen the screw in a counter clockwise direction using a coin & open the battery compartment. (C)
- Install the enclosed rechargeable batteries (AAA) following the polarity as shown.
- Re-install the Battery Cover and Belt Clip (see chapter 8.1).



### 8.3 Headset, Twintalker and PTT-remote button installation



#### NOTE!

The best way to fix the headset in the helmet depends on the type of helmet and the internal structure. The best way to fix the headset speaker part and microphone is remove a part of the Velcro strip and stick this inside of the helmet with the double sided tape.

Follow these steps to install the headset and PTT button :

1. Remove the foil from the loudspeaker fixing part.
2. Stick one loudspeaker part in the inside of the helmet at the location where your ear will be.
3. Put the other loudspeaker in the same way at the other side of the helmet.
4. Remove the foil from the microphone fixing part
5. Stick the microphone in such a way into the helmet so that it is located in front of the mouth. When your helmet has a removable inside foam, then stick it under the foam directly on the hard material of the helmet. Check the position first before you stick it on the helmet.
6. Guide the cables so they come out at the backside of the helmet.
- 7 and 8. Plug the connection cable into the output of the headset.
9. Plug the other side of the connection cable into the Twintalker headset input (3).
10. Fix the Twintalker with the belt clip at the belt
- 11 and 12. Fix the PTT button with the Velcro strap at the steering bar so that you can push the button with your thumb.
- 13 and 14. Connect the cable of the push button with the headset cable.
15. Check if the PTT button works properly by pushing it and the PMR should start transmitting.
16. Check the correct functioning of the microphone before you start the trip and make sure that the cables are put in such way that they do not interfere with your movement during biking.

## 9 Motor headset connection

The installation of the motor pack (headset, PMR and PTT remote control button), is illustrated on backside of the gift box.

The motor headset button which is connected to the steering bar has the same function as the PTT - button (13) on the unit (Push To Talk).

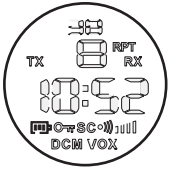






#### IMPORTANT!

- When using the motor headset, the microphone will only work when you press the PTT remote control button on the steering bar.
- The microphone will not work when you press the PTT - button (13) on the unit.

## 10 Battery Charge Level/Low Battery Indication

The BATTERY CHARGE LEVEL is indicated by the number of squares present inside the BATTERY icon on the LCD Screen.



-  Battery Full
-  Battery 2/3 charged
-  Battery 1/3 charged
-  Battery empty

When the BATTERY CHARGE LEVEL is low, the BATTERY icon will flash and you will hear a beep tone. After that, the device will switch off. This indicates that the batteries need to be replaced or recharged.



### DANGER!

- Do not short-circuit & dispose of in fire.
- Remove the batteries if this device is not going to be used for a long period.

## 11 Recharging batteries

The PMR can be used with 4 alkaline or rechargeable NiMH (AAA) batteries (included).



### NOTE!

- Do not charge this unit when regular “AAA” alkaline batteries are installed as they may leak or explode.
- Only use the included AC/DC ADAPTER with the enclosed rechargeable batteries.
- Using another adaptor will result in non-compliance with the safety regulation and will invalidate any approval/warranty for this product.

When using rechargeable batteries you can use the enclosed adapter (7,5V= / 200mA) or the car charger to charge.



### NOTE!

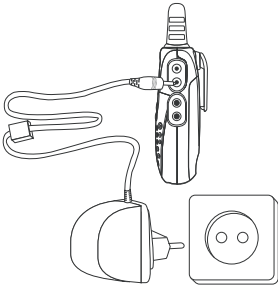
When batteries were completely discharged and when you disconnect the device from the charger after a short time charging, the battery indicator will show a fully charged battery icon (see chapter 10). A correct indication will only be shown when discharging during use. Pay attention that the batteries are charged long enough.

### 11.1 Power adapter connection



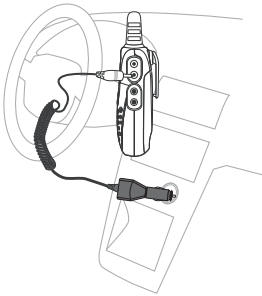
### NOTE!

- It takes approximately 7 to 10 hours to fully charge the batteries.
- If you need to use the product for a long period, for example when making long trips, it is advised to take extra batteries along if there is no charging possibility.



- Insert 4 “AAA” rechargeable batteries.
- Plug the small plug of the adapter (7,5 V = / 200mA) into the Twintalker charger connector (4) and the other end in the electrical socket (230V ~, 50Hz).

## 11.2 Car charger connection



- Plug the small plug of the car charger into the Twintalker charger connector (4).
- Plug the big plug of the car charger into the 12-Volt-cigarette charger connector to charge the unit.
- Don't charge the unit longer than 7 - 10 hours to avoid batteries gets overcharged.

# 12 Using the Twintalker 6800

## 12.1 Turning the Unit ON/OFF

To switch on the device:

- Press and hold the (power) button (10) for 2 seconds. The unit will “beep” and ‘ON’ will be displayed briefly. After that, the current channel, CTCSS code and time will be displayed. Additionally some other activated icons are displayed

To switch off the device:

- Press and hold the (power) button (10) for 2 seconds. The unit will “beep” and ‘OF’ will be displayed briefly. After that, only the time will be displayed.

## 12.2 Clock functions

When the battery is installed and the unit is OFF, the time is displayed.

### 12.2.1 Setting the time

In power-off mode:



- Press and hold the (left arrow) button (11) for 3 seconds. The hour flashes.
- Press the (up arrow) - button (5) or the (down arrow) - button (12) to change the hour.
- Press (right arrow) to confirm. The minutes flashes.
- Press the (up arrow) - button (5) or the (down arrow) - button (12) to change the minutes.
- Press and hold the (right arrow) button (11) for 3 seconds to confirm the setting

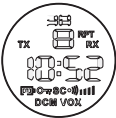
**NOTE!**

- When no button is pressed within 7 seconds during setting, the unit will return to stand-by.
- The time will be reset to 12:00 when the battery is removed.

**12.2.2 Stopwatch**

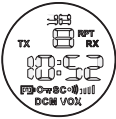
In power-off mode:

- Press and hold the - button (6) for 3 seconds to enter stopwatch mode
- Press the - button (5) to start counting
- Press the - button (5) to stop counting
- Press the - button (12) to reset the timer
- Press and hold the - button (6) for 3 seconds to exit stopwatch mode

**12.3 Adjusting Speaker Volume**

In power-on mode:

- Press the - button (5) to increase the speaker volume.
  - Press the - button (12) to decrease the speaker volume
- The Speaker Volume level is displayed on the LCD during setting.

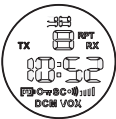
**12.4 Receiving a Signal**

The unit is continuously in the receive mode when the unit is switched on and not transmitting.

When you receive a signal on the current channel, the RX icon is displayed.

**NOTE!**

In order for other people to receive your transmission, they must be set on the same channel and CTCSS code (See chapter 12.6 and 12.7)

**12.5 Transmitting a Signal**

In power-on mode:

- Press and hold the - button (13) to transmit. The TX-icon is displayed.
- Hold the unit in a vertical position with the MICROPHONE 5 cm from the mouth and speak into the microphone.
- Release the - button (13) when you have finished transmitting.

Any PMR set on the same channel can receive and listen to the conversation.

You have to wait until the opposite site stops talking before you can answer the message.

At the end of each transmission, the device will transmit a beep.

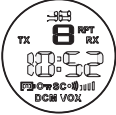
**NOTE!**

To check the channel activity, use the monitor function (see chapter 12.8)

**12.6 Changing Channels**

The PMR has 8 available channels.

To change channels in power-on mode:



- Press the - button (11) once, the current channel number flashes on the LCD Screen.
- Press the - button (5) or the - button (12) to change the channel.
- Press the - button (13) to confirm your selection and return to the stand-by mode.
- To confirm and shift to the next option, press the button (11).

**When no button is pressed within 7 seconds during setting, the unit will return to stand-by.**

**IMPORTANT!**

Any PMR set on the same channel can receive and listen to the conversation, also when the other use a CTCSS code (See chapter 13.7).

**12.7 CTCSS (Continuous Tone Coded Squelch System)**

The 2 digit CTCSS code corresponds to a specific tone frequency the PMR emits. Two users, with the same channel and CTCSS set can hear one another. They will not be able to hear anyone else on the channel unless the other radios have the same exact CTCSS code enabled.

The PMR has 38 CTCSS codes available.



In power-on mode:

- Press the - button (11) twice. The actual CTCSS code will flash on the display.
- Press the - button (5) or the - button (12) to select another code.
- Press the - button (13) to confirm your selection and return to stand-by mode.

**When no button is pressed within 7 seconds during setting, the unit will return to stand-by.**

**IMPORTANT!**

Any PMR set on the same channel can receive and listen to the conversation, also when the other use a CTCSS code (See chapter 13.7).

## 12.8 Monitor

You can use the MONITOR feature to check for weaker signals in the current channel. In power-on mode:

- Press the - button (11) and the - button (12) simultaneous to activate channel monitoring. Hold these buttons for 3 seconds for continuous monitoring.
- Press the - button (13) to stop monitoring.

## 12.9 VOX Selection

The PMR is capable of voice activated (VOX) transmission. In VOX mode, the radio will transmit a signal when it is activated by your voice or other sound around you. VOX operation is not recommended if you plan to use your radio in a noisy or windy environment.



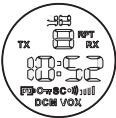
In power-on mode:

- Press the - button (11) 3 times. The actual VOX setting flashes in the display and the VOX-icon is displayed.
- Press the - button (5) to turn the VOX feature ON. Press the - button (5) again to select the VOX sensitivity level between 1 to 3, which is indicated in the right corner of the display. Press the - button (12) until 'OF' appears on the display, to turn VOX off.
- Press the - button (13) to confirm your selection and return to stand-by mode.

**When no button is pressed within 7 seconds during setting, the unit will return to stand-by.**

## 12.10 Channel Scan

Channel scan performs searches for active signals in an endless loop from channel 1 to 8.



In power-on mode:

- Press and hold the - button (5). Press the - button (11) to start scanning.
- When an active signal (one of 8 channels) is detected, press the - button (13) to fix and communicate through the active signal. Channel scan pauses and you will hear the active signal.
- When the active channel is not fixed by pressing the - button (13), channel scan will automatically continue when there is no more activity on the channel.
- If the channel is fixed by pressing the - button (13), you can restart scanning by pressing the - button (5) or the - button (12).
- If the channel is not fixed by pressing the - button (13), you can restart scanning immediately by pressing the - button (5) or the - button (12).
- Press the - button (11) to deactivate channel scan.

## 12.11 Call Tones

A call tone alerts others that you want to talk. 5 different Call Tones can be selected.

### 12.11.1 Setting the Call Tone



In power-on mode:

- Press the - button (11) 4 times. 'CA' will be displayed.
- Press the - button (5) or the - button (12) to select another call tone or select 'OF' to disable call tones.
- Press the - button (13) to confirm your selection and return to the stand-by mode.

**When no button is pressed within 7 seconds during setting, the unit will return to stand-by.**

### 12.11.2 Sending a call Tone

Press the - button (6) briefly. The call tone will be transmitted for 3 seconds on the set channel.

## 12.12 Roger Beep On/Off

After the - button (13) is released, the unit will send out a roger beep to confirm that you have stopped talking.



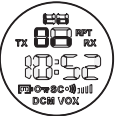
In power-on mode:

- Press the - button (11) 5 times. The actual roger beep setting is displayed.
- Press the - button (5) to enable 'ON' or the - button (12) to disable the Roger-Beep 'OF'.
- Press the - button (13) to confirm your selection and return to the stand-by mode.

**When no button is pressed within 7 seconds during setting, the unit will return to stand-by.**

## 12.13 Key-Tone On/Off

When a button is pressed, the unit will beep briefly.



In power-on mode:

- Press the - button (11) 6 times. The actual key tone setting is displayed.
- Press the - button (5) to enable 'ON' or the - button (12) To disable the key tone 'OF'.
- Press the - button (13) to confirm your selection and return to the stand-by mode.

**When no button is pressed within 7 seconds during setting, the unit will return to stand-by.**



## 13 Troubleshooting

No power	Clean the battery contacts with a soft cloth. Check the batteries and recharge them if necessary or replace the batteries.
No transmission	Make sure the <b>PTT</b> - button (13) is pressed completely before you speak. Monitor the channel activity and switch to another channel if the current is used.
No reception	Check the speaker volume. Make sure that you are in the reception range of the sender and change if necessary your location
Limited Range and noise during transmission	The talking range depends on the terrain. Steal constructions, concrete buildings or the use in vehicles have a bad influence on the range. Try to avoid as many obstacles as possible and communicate in a clear line of sight. Change your locations.
Interference	The receiver and transmitter are too close. The minimum distance between 2 units is 1,5m.

## 14 Cleaning and maintenance

### 14.1 Cleaning the device

- To clean the device, wipe with a soft cloth dampened with water. To clean dirty joints, use a non-scratching brush. Don't use a cleaner or solvents on the unit. They can damage the case and leak inside, causing permanent damage.
- Battery contacts may be wiped with a dry lint-free cloth.
- If the unit gets wet, turn it off and remove the batteries immediately. Dry the battery compartment with a soft cloth to minimize potential water damage. Leave the cover off the battery compartment overnight or until completely dry. Do not use the unit until completely dry.



### ATTENTION!

- When batteries leak, the escaped liquid can cause injuries (affect of the skin) or damage the device.
- Dispose batteries according to the environmental requirements (see chapter 16).
- Use protection gloves and clean the battery compartment with soft paper towel. It is recommended to let the unit clean by professional.

### 14.2 Maintenance

- Check the batteries of the device regularly, especially before long trips.
- Replace the batteries on time by new ones, to avoid leaking.
- Check the connectors and cables on malfunctions and let defect parts repaired by a professional.

## 15 Disposal of the device



At the end of the product life cycle, you should not throw this product into the normal household garbage but bring the product to a collection point for the recycling of electrical and electronic equipment. The symbol on the product, user guide and/or box indicate this.

Some of the product materials can be re-used if you bring them to a recycling point. By re-using some parts or raw materials from used products you make an important contribution to the protection of the environment.

Please contact your local authorities in case you need more information on the collection points in your area.



### IMPORTANT!

- Remove the batteries from the unit before disposal.
- Dispose of batteries at a designated battery disposal unit and not in the household waste.

## 16 Technical specifications

<b>PMR</b>	
Channels	8
CTCSS	38
Frequency	446.00625MHz - 446.09375 MHz
Range	Up to 5 Km (Open field)
Batteries PMR	4 x AAA Alkaline or NiMh rechargeable
Transmission Power	=< 500mW ERP
Modulation Type	FM - F3E
Channel spacing	12,5 kHz
Power adapter	In: 230 - 240V ~ / 50 Hz Out: 7,5 V = / 200 mA
Car charger	In: 12V Out: 7,5V = / 200 mA

Channel Frequency Chart:		CTCSS Code Chart							
Channel	Frequency (MHz)	Code	Frequency (Hz)	Code	Freq. (Hz)	Code	Freq. (Hz)	Code	Freq. (Hz)
1	446,00625	0	Disabled	10	94,8	20	131,8	30	186,2
2	446,01875	1	67,0	11	97,4	21	136,5	31	192,8
3	446,03125	2	71,9	12	100,0	22	141,3	32	203,5
4	446,04375	3	74,4	13	103,5	23	146,2	33	210,7
5	446,05625	4	77,0	14	107,2	24	151,4	34	218,1
6	446,06875	5	79,7	15	110,9	25	156,7	35	225,7
7	446,08125	6	82,5	16	114,8	26	162,2	36	233,6
8	446,09375	7	85,4	17	118,8	27	167,9	37	241,8
		8	88,5	18	123,0	28	173,8	38	250,3
		9	91,5	19	127,3	29	179,9		

## 17 Service address and hot-line support

The service addresses are printed on the extra service card included in the package or can be found on [www.ucom.be](http://www.ucom.be)

## 18 Declaration of conformity and manufacturer

Topcom Europe Nv.  
Grauwmeer 17  
3001 Heverlee  
Belgium

The declaration of conformity can be found on the last page of this user guide

## 19 Warranty

### 19.1 Warranty period

Ucom units have a 36-month warranty period. The warranty period starts on the day the new unit is purchased. Consumables or defects causing a negligible effect on operation or value of the equipment are not covered.

The warranty has to be proven by presentation of a copy of the original purchase receipt, on which the date of purchase and the unit-model are indicated.

### 19.2 Warranty handling

A faulty unit needs to be returned to an authorized service centre including a valid purchase note and a filled in service card. If the unit develops a fault during the warranty period, the service centre will repair any defects caused by material or manufacturing faults free of charge.

The service centre will at its discretion fulfill its warranty obligations by either repairing or exchanging the faulty units or parts of the faulty units. In case of replacement, colour and model can be different from the original purchased unit.

The initial purchase date shall determine the start of the warranty period. The warranty period is not extended if the unit is exchanged or repaired by the appointed service centres.

### 19.3 Warranty exclusions

Warranty is excluded under the next circumstances.

- Damage or defects caused by incorrect treatment or operation.
- Damage resulting from use of non-original parts or accessories.
- Damage caused by outside factors, such as lightning, water and fire, nor any damage caused during transportation.
- If the serial number on the units has been changed, removed or rendered illegible.



# DECLARATION OF CONFORMITY

We manufacturer, Topcom Europe Nv, Grauwmeer 17, 3001 Heverlee , Belgium, declare that our product :

**Type : PMR**

**Model : Twintalker 6800 Motopack**

**Class of equipment : Class I**

is in compliance with the essential requirements and other relevant provisions of the R&TTE directive 1999/5/EC and carries the CE mark accordingly.

Supplementary information:

The product complies with the requirements of:

- EN 300 296-1 V1.1.1 : 2003
- EN 300 296-2 V1.1.1 : 2001
- EN 301 489-5 V1.3.1 : 2002
- EN 301 489-1 V1.6.1 : 2005
- EN 60950-1 : 2001 +A11 : 2004

Date: 05/11/2008

Place: Heverlee , Belgium

Name: Geert Verheyden

Function: Technical Director

Signature:



European contact: Topcom Europe Nv, R&D department, Research Park, Grauwmeer 17,  
3001 Heverlee, Belgium

**SERVICE RETURN CARD - RÜCKSENDEKARTE -**  
**CARTE DE RETOUR SERVICE - RETOURFICHE**

RETURN WITH YOUR DEFECT PRODUCT

Name/Vorname/Prénom/Naam:

Surname/Familiennaam/Nom/Familiennaam:

Street/Straße/Rue/Straat:

Nr./N°:

Box/Postfach/Boîte/Postbus:

Location/Ort./Lieu/Plaats:

Post code/Postleitzahl/Code Postal/Postcode:

Country/Land/Pays/Land:

Tel./Tél.:

E-mail:

Model name/Modellbezeichnung/Nom du modèle/Modelnaam:

Serial Nr./Seriennummer/N° série/Seriennummer:

Purchase date/Kaufdatum/Date d'achat/Aankoopdatum:

 -  -  (DD/MM/YYYY) - (TT/MM/JJJJ)

Fault description/Beschreibung des Defekts/Description de la panne/Beschrijving defect:

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(Original Proof of Purchase has to be attached to this return card to be valid for warranty)

Model name/Modellbezeichnung/Nom du modèle/Modelnaam:

Serial Nr./Seriennummer/N° série/Seriennummer:

Purchase date/Kaufdatum/Date d'achat/Aankoopdatum:

 -  -  (DD/MM/YYYY) - (TT/MM/JJJJ)

Fault description/Beschreibung des Defekts/Description de la panne/Beschrijving defect:

# UCOM

[WWW.UCOM.BE](http://WWW.UCOM.BE)