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1.6 User Manual



IMPORTANT INFORMATION

DECLARATION OF CONFORMITY

Hereby, Armour Home Electronics Ltd., declares that this Q2 Tip & Tilt Radio is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

In the case of radio equipment using frequency bands whose use is not harmonized throughout the Community, the manufacturer or his authorized representative shall notify the national authority responsible in the relevant Member State for spectrum management of the intention to place such equipment on its national market. This notification shall be given no less than four weeks in advance of the start of placing on the market and shall provide information about the radio characteristics of the equipment (in particular frequency bands, channel spacing, type of modulation and RF power).

FCC COMPLIANCE

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

INTERFERENCE

Warning: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. 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 needed.
- Consult the dealer or an experienced radio/TV technician for help.

IMPORTANT NOTE

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with minimum distance 20 cm between the radiator and your body.





NOTE ON ENVIRONMENTAL PROTECTION



After the implementation of the European Directive 2002/96/EU in the national legal system, the following applies:

Electrical and electronic devices may not be disposed of with domestic waste. Consumers are obliged by law to return electrical and electronic devices at the end of their service lives to the public collecting points set up for this purpose or point of sale. Details to this are defined by the national law of the respective country. This symbol on the product, the instruction manual or the package indicates that a product is subject to these regulations. By recycling, reusing the materials or other forms of utilizing old devices, you are making an important contribution to protecting our environment.

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IMPORTANT SAFETY INSTRUCTIONS

READ BEFORE OPERATING EQUIPMENT

This product was designed and manufactured to meet strict quality and safety standards.

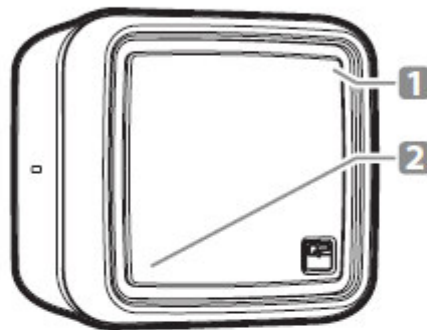
There are, however, some installation and operation precautions which you should be particularly aware of.

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with a dry cloth.
7. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
8. Only use attachments/accessories specified by the manufacturer.

INTRODUCTION

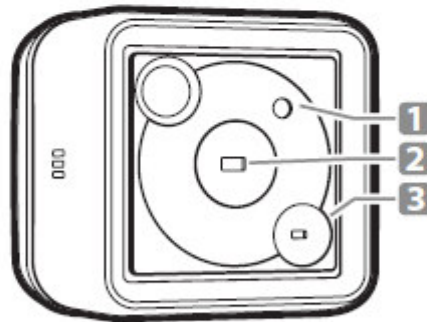
The Q2 'Tip & Tilt' Radio is a simple to use wireless internet radio that has four preset stations, each aligned to one of its four sides. The Radio is rotated to select the desired station and tilted up and down to change the volume.

Front



- | | |
|--------------|---------------------------|
| 1. Amber | Battery Status |
| 2. Red/Green | Network Connection status |

Rear View



- | |
|--------------------------------|
| 1. 3.5mm Stereo Headphone Jack |
| 2. Mini-B USB Socket |
| 3. On/Off Switch |

SETTING-UP YOUR RADIO

The 'Tip & Tilt' set-up program is used to configure your Radio.

The set-up program allows wireless networks to be selected, security keys to be entered and station presets to be programmed.

IMPORTANT: You must install the set-up software before you connect the Radio to your computer.

DOWNLOADING

The setup program can be downloaded from the Q2 Radio website.

<http://www.q2radio.co.uk/?fver=0.5&OS=Windows32bit#download>

Go to the 'Downloads' section and follow the on-screen instructions.

CONNECTING THE RADIO TO THE 'TIP & TILT' SET-UP PROGRAM

Connect your Radio to your computer using the supplied USB cable.

Turn the Radio on using the switch on the rear.

Run the 'Tip & Tilt' setup program.

'TIP & TILT' SET-UP PROGRAM QUICK START GUIDE

NOTE: Full instructions for the set-up program can be found on the www.q2radio.co.uk website.

1 WIRELESS NETWORK SELECTION

Select the 'Network' tab to choose your wireless network.

Drag the required network to one of the slots numbered 1–5 on the right.



Enter the WPA or WEP security key if required.

NOTE: If you have selected more than one wireless network the Radio will select the lowest numbered one in preference.

2 STATION SETUP

Select the 'Stations' tab to choose your preset radio stations.

Expand the folder section on the left to view the available stations.



Click on a station to populate the information box and find out more about that station including an assessment of its reliability, the bit rate and format of the broadcast stream.



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NOTE: Higher bit rates give better sound quality.

To add a preset to the radio, drag a station (*not* a folder) to one of the four preset slots on the right.

NOTE: Above the folders there is a search bar that can be used to find stations by entering part of the station name and pressing the '🔍' button. Press the '✕' button to clear the search selection.

RADIO OPERATION

POWER ADAPTER CONNECTION

A 5V 500mA AC power adapter is provided with the Radio that can be used to both power the unit and charge the internal battery.

Connect the power adapter to the USB socket on the rear of the unit.

NOTE: The battery status LED between sides 3 and 4 indicates the charging status

OFF/ON SWITCH

The radio can normally be left switched on as the radio will go into standby mode when not being used.

WARNING: The radio must be switched off when taken on an aeroplane.

WIRELESS CONNECTION STATUS

When the Radio is switched on, the red/green LED will indicate the status of the wireless connection:

RED/ GREEN LED	STATUS
Flashing Green	A connection to the selected station is being established and/or the selected station is being buffered.
Green	The selected station is being streamed. After 5 seconds this LED will turn off.
Flashing Red	The Radio is unable to connect to the wireless network.

STATION SELECTION

Preset stations are selected by tipping the Radio over so the desired preset number is at the top.

NOTE: Each station may take a few seconds to buffer before streaming will begin and audio is heard.

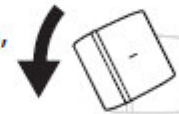
VOLUME OPERATION

Volume is controlled by tilting the Radio's speaker up and down.

To turn the volume up, tilt it upwards.



To turn the volume down, tilt it downwards.



STANDBY MODE

The Radio has a low power standby mode that means the on/off switch does not need to be touched in everyday use.

WARNING The radio must be switched off when taken on an aeroplane.

To put the Radio into standby mode tilt the radio downwards so it is muted. After several and leave for several minutes.

To bring the unit out of standby mode, tip it over and tilt it up to increase the volume.

NOTE: There will be a few seconds delay whilst the Radio comes out of standby and reconnects to the radio station.

BATTERY OPERATION

The internal rechargeable battery will allow the Radio to be used for several hours without being connected to the power adapter or a computer.

When the Radio is switched on the red LED indicates the state of the battery

BATTERY STATE		
Red LED	Power Adapter Not Connected	Power Adapter Connected
Off	High	–
Slow Flash	Low	Charging
Fast Flash	Very Low	–
On	–	Fully Charged

NOTE: The battery will not charge when connected to a USB socket on a computer.

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Our policy is one of continuous product improvement, we reserve
the right to change the designs and specifications without notice.
All information is given in good faith. The manufacturer accepts
no responsibility for errors, omissions or incorrect assumptions.

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For support visit www.Q2rad.io

