

# TEVION®

## User Guide

### Car CD/MP3 Radio with Bluetooth with USB,SD and Front Aux input 49180



Now you have purchased a Tevion® product you can rest assured in the knowledge that as well as your 3 year parts and labour warranty you have the added peace of mind of dedicated helplines and web support

#### AFTER SALES SUPPORT



GB 01270 508538 IRE 1800 995 036



[www.quesh.co.uk](http://www.quesh.co.uk)

MODEL NUMBER: 49180

- Car stereo
- Fascia carry case
- ISO extension cable
- Aux in wire
- RCA cable

**3**  
YEARS  
WARRANTY

## Contents

	<b>Page Number</b>
Welcome Section.....	3
Precautions.....	4
Before You Install.....	5-6
Installation.....	7-8
Wiring Diagram.....	9
Location of the Controls.....	10
Basic Operation.....	11-15
Bluetooth Operation.....	16
CD/MP3/USB/SD Operation.....	17
FAQ.....	18
Technical Specification.....	19
Warranty.....	20
Fault Report Card.....	21

<b>AFTER SALES SUPPORT</b>	
 <b>01270 508538</b>  <b>1800 995 036</b>	<ul style="list-style-type: none"><li>• Car stereo</li><li>• Fascia carry case</li><li>• ISO extension cable</li><li>• Aux in wire</li><li>• RCA cable</li></ul>
 <b>www.qesh.co.uk</b>	
MODEL NUMBER: 49180	



## Welcome Section

Congratulations!

You have made an excellent choice with the purchase of this quality Tevion® brand product. By doing so you now have the assurance and peace of mind which comes from purchasing a product that has been manufactured to the highest standards of performance and safety, supported by the high quality standards of Aldi.

We want you to be completely satisfied with your purchase so this Tevion® product is backed by a comprehensive manufacturer's 3 year warranty and an outstanding after sales service through our dedicated Helpline. We hope you will enjoy using your purchase for many years to come. If you require technical support or in the unlikely event that your purchase is faulty please telephone our Helpline for immediate assistance. Faulty product claims made within the 3 year warranty period will be repaired or replaced free of charge provided that you have satisfactory proof of purchase (keep your till receipt safe!). This does not affect your statutory rights. However, be aware that the warranty will become null and void if the product is found to have been deliberately damaged, misused or disassembled.



Electric and electronic equipment (EEE) contains materials, parts and substances which can be dangerous to the environment and harmful to human health if not disposed of correctly. Please contact your local authority for details of correct disposal operating in your area. The product should not be disposed of in household waste.



Do not dispose of used batteries in household waste. Please contact your local authority for details of disposal / recycling schemes in your area.

### AFTER SALES SUPPORT



GB 01270 508538 IRE 1800 995 036

[www.quesh.co.uk](http://www.quesh.co.uk)

MODEL NUMBER: 49180

- Car stereo
- Fascia carry case
- ISO extension cable
- Aux in wire
- RCA cable



3

## Precautions

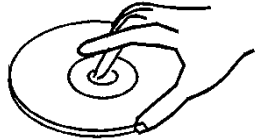
- This unit will only play the following discs.
- This unit does not play files that have Digital Rights Management (DRM).
- If you have files that have Digital Rights Management (DRM) you should consult with the vendor that you purchased files from for instructions on proper use.

Type of disc	Label on the disc	Recorded material	Size of disc
CD, MP3		Audio only	12 cm

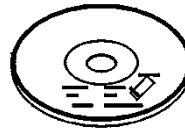
Never allow children to play with electrical equipment

### Care of Discs

Handle the disc by its edge to keep the disc clean. Do not touch the disc's surface.



Do not use CDs with labels or stickers attached. The label may leave a sticky residue when it begins to peel.



Do not use a CD with paste or ink residue on it.



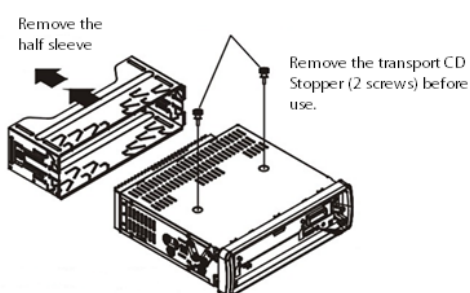
Clean the discs with a soft cleaning cloth. Wipe each disc from the centre out.



## Before You Install

**IMPORTANT:** Remove the two transport screws from the top of the unit before installation.

Please remove the screws before installing the radio; Failure to do so will result in the CD deck rejecting the disc. Please refer to the illustration below:



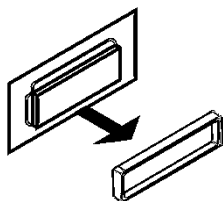
### Notes on Installation

- Disconnect negative battery terminal before starting installation. Consult the vehicle owner's manual for proper instruction.
- The unit is designed for a 12Volt DC negative ground operation system only.
- Be sure to connect the colour coded leads according to the diagram. Incorrect connections may cause the unit to malfunction or damage the vehicle's electrical system.
- Be sure to connect the negative (-) speaker leads to the negative (-) speaker terminal.
- Never connect negative (-) speaker leads to chassis ground.
- The unit is only designed for use with 4 speakers. Do not combine output for use with 2 speakers. Do not ground negative speaker leads to the chassis ground.
- Make sure all the connections are correct before turning on your unit.
- When replacing the fuse(s), the replacement must be of the same amperage as shown on the fuse holder.
- Do not block vents or heater panels. Blocking them will cause heat to build up inside and may result in fire.
- After completing the installation and before operating the unit, reconnect the battery.
- Then press the (RES) button with a pointed object, such as a ball-point pen to set the unit to its initial status.

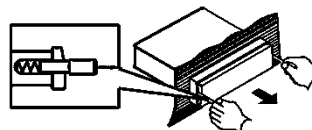
## Before you Install

Car audio equipment installations can be troublesome at times, even to the most experienced of installation technicians. If you are not confident working with electrical wiring, removing and reinstalling interior panels, carpeting, dashboards or other components of your vehicle, please call our customer support number 01270 508538 and we will recommend fitters in your area.

1. Remove the outer trim frame.
2. Insert the keys supplied with the old unit into both sides of the unit as shown in figure below until they click. Pull to remove the old unit from the dashboard.



Din Front Mount



**DO NOT DISCONNECT WIRES  
AT THIS TIME!**

3. Mark the polarity of the speaker wires. Marking the polarity of the speaker wires will make it easier to connect the existing speakers to your car radio. Consult wiring diagram of existing head unit before disconnecting any wires. If you are not positive of the polarity of the existing wires from the speakers to the head unit, install new wires.
  - a. While the old unit is playing, disconnect the wires from one speaker.
  - b. Take a length of masking tape and fold it around the wire so it forms a flag.
  - c. On the masking tape mark the polarity of the speaker wires (+ & -), as well as left or right and front or rear.
  - d. Double check that you marked the first speaker correctly by checking that the speaker wires are the same at the head unit.
  - e. Repeat the procedure for all of the speakers.
  - f. Mark the power, ground and any other wires also.

## Installation

### WARNING!

Disconnect negative battery terminal from battery before starting installation. Consult the vehicle owners manual for proper instructions.

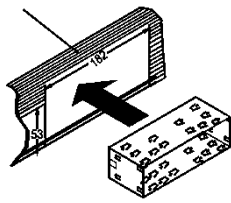
Note 1:

Mark the polarity of the existing speaker wires before disconnecting battery.

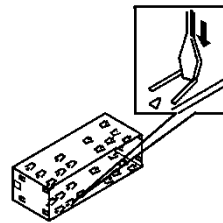
Note 2:

Remove the two transport screws from the top of the unit before installing.

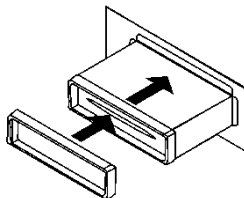
### Din Front Mount



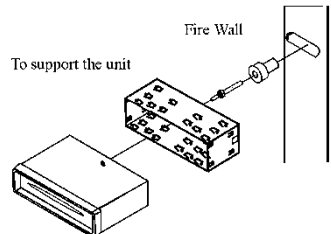
1. After removing the old radio and mounting sleeve, insert supplied mounting sleeve into opening.



2. Bend the tabs on the mounting sleeve to keep the mounting sleeve firmly in place.



3. Attach wires from the unit to existing wires. See wiring connections diagram. Insert radio into dashboard. Then apply the trim face to the outside of the radio.

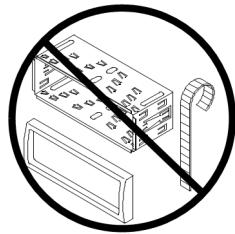
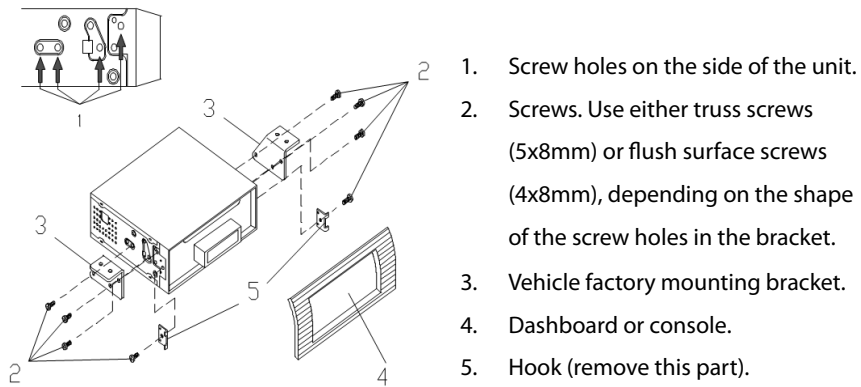


4. Support radio using supplied rear mounting bolt and steel bar. See parts list.

## Installation

### Din Rear-Mount

Installation using the screw holes on both sides of the unit.



#### Note:

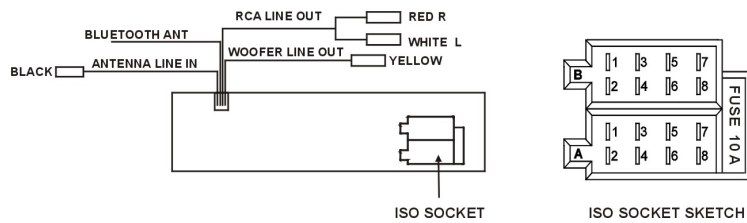
The mounting sleeve, outer trim ring and the mounting strap are not used for this method of installation.

### Supplied Parts

2 x Keys	1 x Flat Washer
1 x Aux in wire	1 x Metal Screw
1 x Fascia carry case	1 x Metal Support Strap

## Wiring Connection

Make sure that you have a good chassis ground. Good ground connections will eliminate most electrical noise problems. A good chassis ground requires a tight connection to the vehicle's metal chassis. The area around the ground connection should be clean, bare metal without rust, paint, plastic, dust, or dirt for a good electrical connection.



### CONNECTOR A

- 1.
- 2.
- 3.
4. Memory +12V
5. Auto Antenna Output
- 6.
7. 12V (To Ignition Key)
8. Ground

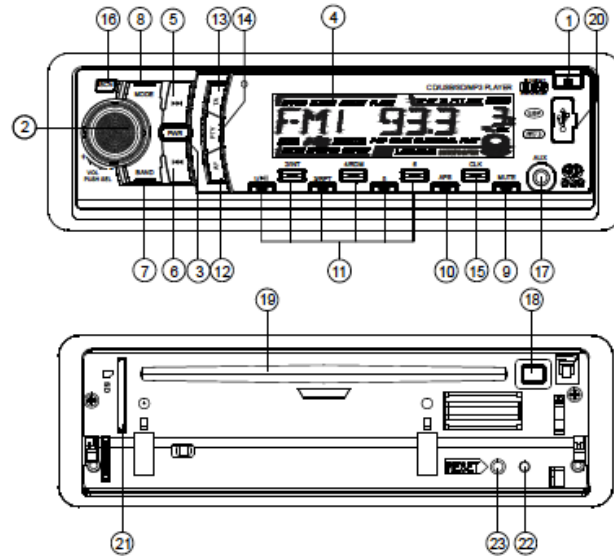
### CONNECTOR B

1. Rear Right Speaker (+)
2. Rear Right Speaker (-)
3. Front Right Speaker (+)
4. Front Right Speaker (-)
5. Front Left Speaker (+)
6. Front Left Speaker (-)
7. Rear Left Speaker (+)
8. Rear Left Speaker (-)

### Speaker Wiring Notes

- Follow the above wiring diagram to install the head unit with new or existing speakers.
- This unit is designed for use with four speakers with an impedance between 4Ohms to 8Ohms.
- An impedance load of less than 4 Ohms could damage the unit.
- Never Bridge or combine the speaker wire outputs. When not using four speakers, use electrical tape to tape the ends of the un-used speaker outputs to prevent a short circuit.
- Never ground the negative speaker terminals to chassis ground.

## Location Of The Controls



- |   |                              |
|---|------------------------------|
| 1. OPEN button  | 15. CLK button               |
| 2. SEL button and VOL dial                                  | 16. TEL button               |
| 3. POWER button   | 17. AUX INPUT Jack           |
| 4. LCD  | 18. EJECT button             |
| 5&6. >>  and  << button                                     | 19. CD slot                  |
| 7. BAND button  | 20. USB port                 |
| 8. MODE button  | 21. SD slot                  |
| 9. MUTE button  | 22. Anti-theft LED indicator |
| 10. AP button   | 23. RESET button             |
| 11. TOP/PLAY/PAUSE, INT, RPT,<br>RDM and 1-6 Number buttons |                              |
| 12. AF button   |                              |
| 13. TA button   |                              |
| 14. PTY button  |                              |

## Basic Operation

### 1. OPEN BUTTON

Press the OPEN button to fold down the fascia panel.

Then a disc can be inserted into the disc slot or ejected by pressing the EJECT button.

After flipping down the fascia panel, push it towards the left, then pull the right side of the panel towards you to remove it from the main chassis.

### 2. SEL BUTTON (Select) and VOL DIAL

- a. Press the SEL button briefly to cycle through the following options.

>VOLUME>BASS>TREBLE>BALANCE>FADER>

To change the setting of your selection simply turn the VOL dial until you reach your desired level and press the SEL button to confirm your selection. To exit the menu simply wait 5 seconds and the display will return to tuner or CD mode.

- b. If you press and hold the SEL button for around 2 seconds you are able to cycle through the following options.

>TA (ALARM/SEEK)>PI (SOUND/MUTE)>RETUNE (LONG/SHORT)>MASK (DPI/ALL)>BEEP (ON/OFF)>USER SET (FLAT/CLASSIC/ROCK/POP)>VOL (LAST/DEFA)>MONO/STEREO (FM MODE ONLY)>LOUD (ON/OFF)> LOCAL/DX (FM MODE ONLY)>CLK (ON/OFF)>CLK (12/24)

After selecting the desired mode simply turn the VOL dial to select your preferred choice.

#### b1. TA SEEK/TA ALARM:

TA SEEK mode: When a newly tuned radio station does not receive TP information for 5 seconds, the radio retunes to the next station which has a different PI to the last station, but has the TP information.

When TP information is no longer available for the current station it will start to retune in 90 seconds or 150 seconds depending on your RETUNE LONG/SHORT setting.

TA ALARM mode: When this mode is selected the auto retune function is not available. Only a double beep (ALARM) will be heard. When a newly tuned radio station does not have TP information for 5 seconds, beeps are sounded.

## Basic Operation

- b2. **PI SOUND/PI MUTE**  
PI SOUND mode: When driving in built up areas you may experience different PI sounds which will be heard for less than a second. This is due to different PI codes being received from the same AF source (reflecting signals).  
PI MUTE mode: Rather than hearing different sounds the radio will mute for less than a second.
  - b3. **RETUNE LONG/RETUNE SHORT**  
The amount of time before an automatic TA or PI search is enabled. When PI information is not received for the selected amount of time the radio will start to retune to the next available PI station. If no PI station is found the radio will go back to the previous station and wait 4-5 minutes until the PI code is received.  
RETUNE L: 150 Seconds.  
RETUNE S: 90 Seconds.
  - b4. **MASK DPI/MASK ALL:**  
MASK DPI mode: Masks only the AF which has different PI.  
MASK ALL mode: Masks the AF which has different PI and NO RDS signal with high field strength.
  - b5. **BEEP ON/BEEP OFF**  
BEEP ON mode: A beep is sounded when any key is pressed.  
BEEP OFF mode: The beep sound is disabled.
  - b6. **VOL LAST/VOL DEFA**  
VOL LAST mode: The radio switches on at the actual volume it was when it was switched off.  
VOL DEFA mode: After pressing SEL button, AVOL will be displayed. Then you can pre-select a constant switch-on volume by using the VOL dial.
  - b7. **CLK ON/OFF**  
CLK ON: Clock will always show on the display when power off.  
CLK OFF: Clock will disappear on the display when powered off.
  - b8. **CLK 12/24**  
CLK 12: Clock displays in 12 hour mode.  
CLK 24: Clock displays in 24 hour mode.
- 3. POWER ON/OFF**  
When the unit is off you can turn the unit on by pressing any button on the fascia apart from the open button. You can also turn the stereo on by inserting a disc, SD Card or USB Stick. To turn the stereo off press and hold the power button.

## Basic Operation

### 4. LCD DISPLAY

### 5,6. TUNE, SEEK and TRACK BUTTONS

Press the >>| or |<< button briefly to manually tune up or down for the desired radio station frequency.

Press and hold >>| or |<< to auto tune up or down.

### 7. BAND BUTTON

During radio mode, press the BND button briefly to select the radio broadcasting band you would like.

### 8. MODE BUTTON

Press the mode button to change between, tuner, disc (when disc is loaded), SD Card (when SD Card is inserted), USB (when USB device is inserted), BT READY mode (when the Bluetooth is not connected, it shows as NO CON) and AUX mode.

### 9. MUTE BUTTON

This button turns mute on or off.

Press the mute button to suppress the loudspeaker temporarily, and press again to resume listening. You can also exit mute by using MODE, SEL buttons or the VOL dial on the fascia panel.

### 10. AP BUTTON (Auto-Storage/Preset Scan)

If you press and hold the button for more than one second it will scan and store 6 stations into your presets. You can do this in each band.

### 11. PRESET STATION MEMORY

You can go to any preset station by pressing one of the buttons marked 1-6. To store the station that you are currently listening to press and hold the desired preset location (1-6) until you see the number that you are holding displayed on screen.

### 12. AF (ALTERNATIVE FREQUENCIES) BUTTON

You can turn the AF mode on or off by briefly pressing the AF button.

AF Displayed: AF Switching mode is on.

AF Not Displayed: AF Switching mode is off.

AF Flashing: AF switching mode is, but no RDS information is being received.

## Basic Operation

When AF mode is selected, the radio checks the signal strength of AF all the time. The interval of checking time of each AF depends on the signal strength of the current station, from a few minutes for strong signals to a few seconds for weaker stations. Whenever a stronger frequency is found the radio will switch over to that frequency for a short time., and the new frequency is displayed for 1-2 seconds, because the mute time of AF switching or checking time is very short, it is almost inaudible. During FM mode, when AF is on , SEEK, SCAN, AUTO-MEMORY functions can only receive and save RDS programs.

If you press and hold the AF button the AF mode is converted to REGION ON/OFF mode.

### **REGIONAL MODE ON:**

AF switching or PI SEEK is implemented to the station which has PI codes that are the same as the current station. (PI CODE is checked when AF CHECK is in progress)

### **REGIONAL MODE OFF:**

The regional code in the format of PI is ignored when AF switching or PI SEEK is implemented. (PI CODE and COVERAGE AREA is not checked when AF CHECK is in progress)

### **13. TA (TRAFFIC ANNOUNCEMENT) BUTTON**

- a. You can turn TA mode on or off by pressing the TA button, if TA is activated you will see TA on the LCD display., it will then begin to seek a TA station and TA SEEK will be displayed on the LCD for a moment.
- b. When a traffic announcement is transmitted:
- c. If the stereo is in SD, USB or disc mode, it will switch to radio temporarily.
- d. If the volume is below 20, the volume level will raise to 20 for the announcement and return to its previous state.
- e. You can cancel the announcement by pressing the TA button.

### **14. PTY (PROGRAM TYPE) BUTTON**

This radio will allow you to select the type of programme required, and will search for a station broadcasting that type of programme. Press the PTY button once to show the music type. Then press 1-6 button to choose the different music types available. Each number key will show 2 different speech programme for you to choose.

## Basic Operation

### 15. CLOCK BUTTON

Press the CLK button briefly to display the time for 5 seconds on the display, it will then revert back to the previous display until the CLK button is pressed again.

If you press and hold the CLK button until the real time flashes on the display, you can adjust the time by using the VOL dial and SEL button.

### 16. TEL BUTTON

### 17. AUX IN

For connection of other audio device.

### 18. EJECT BUTTON

Before operating the unit for the first time, or after replacing the car battery, you must reset the unit.

This will erase any stored data on the stereo.

- 19. CD Slot
- 20. USB Port
- 21. SD Card Slot
- 22. Anti-theft LED indicator
- 23. RESET button

## **Bluetooth Operation**

### **Pairing**

To pair your mobile phone with a Bluetooth device, simply activate the Bluetooth function on your mobile phone and search for devices. When the stereo has been found it should show as Car Kit, when you try to connect, it will ask for a password. The default password is 0000. When you have successfully paired your phone the message BT READY will be displayed followed by the mobile number. When the phone has successfully connected you will see a blue led on the display flashing. This LED will turn to solid when you are on a call or disappear when you disconnect from the stereo.

### **Dial**

To make a call simply press the TEL button and enter the number you wish to call using the remote control. When your ready to make the call press TEL again, to end the call simply press clear.

### **Accept/Reject/Hold/End Call**

Accept – Press the Tell button

Reject – Press the CLEAR button

To Transfer A Call Either From The Stereo Or To The Stereo – Press and hold TEL for around 3-4 seconds.

### **Auto Connect**

This unit support the "Auto Connect function".

## **CD/MP3/USB/SD OPERATION**

### **SKIP UP/ DOWN BUTTONS**

Press the >>| button briefly to play next track.

Press the |<< button briefly to play the previous track

You can fast forward or rewind by pressing and holding these buttons.

### **AP BUTTON**

When playing USB or SD devices you can select which song you want to play rather than skipping through each song. To do this simply press the APS button and TRK 000 will be displayed. Use the VOL dial to make your selection then press the APS button to move onto the next number. Once you have selected which track you want to play, press the SEL button and your choice will then start to play.

### **PLAY/PAUSE, INT, RPT, RDM BUTTONS**

Press the >|| button to pause or resume play. You can press and hold this button to go directly to the first song on the disc, USB or SD device.

You can use the INT button to sample the first 10 seconds of each song. To activate this feature simply press the INT button, to deactivate this function press the INT button again.

You can use the RPT button to repeat a song or repeat an album. To do this simply press the RPT button once to repeat one song and RPT ONE will be visible on the Display, or twice to repeat an album and RPT ABM will be visible. When repeat is Active you can disable it by pressing the RPT button and RPT OFF will be displayed.

During normal playback of MP3 Disc, SD or USB you can use preset buttons 5 and 6 to move up or down 10 tracks at a time.

### **AUX INPUT JACK**

Press the mode button to select AUX input mode. Then you can connect any Compatible MP3 player. To skip songs or adjust the master volume while in this mode you will need to use the connected device.

### **EJECT Button**

Used to eject a disc from the disc tray.

## FAQ'S

Common Symptoms	Cause	Solution
There is no power.	The car ignition is switched off.	If the power supply is properly connected to the car accessory, switch the ignition key to " ON " or " ACC " .
	The fuse has blown.	Replace another fuse according to the wiring diagram.
The CDs cannot be loaded.	Presence of CD disc inside the player	Remove the disc in the player then put a new upward
The CDs are loaded only halfway into the CD tray.	The transport screws have not been removed.	Remove the transport screws before using.
The device does not work correctly (EJECT, LOAD, PLAY)	Inserting the disc in upside down	Insert the compact disc with the label facing upward
	The surface of CD is extremely dirty or it is damaged.	Clean the CD or try another CD, if this works correctly, the first CD is properly damaged.
	Temperature inside the car is too high.	Cool off until the ambient temperature returns to normal
There is no sound.	The volume control is set too low.	Turn up the volume properly.
	The device has not been correctly connected.	Check the power and earth connection according to the wiring diagram.
The operation keys do not work	1.The built-in microcomputer is not operating properly due to noise	1. Switch the device off and on again. Or press the RESET button to resume the program.
The sound of the CD player skips	The installation angle is more than 30 degrees	Adjust the installation angle to less than 30 degrees
	The surface of the road is uneven.	Wait until the road becomes smoother before playing the CD.
	The surface of CD is extremely dirty or it is damaged.	Clean the CD or try another CD, if this works correctly, the first CD is properly damaged.
No radio reception.	The antenna cable is not connected.	Insert the antenna cable firmly into the antenna socket of the device.
In automatic search mode the radio does not stop at a transmitting station.	The transmission signals are too weak.	Tune in to a radio station manually.

If your problem is not listed, please call our customer support team.

## TECHNICAL SPECIFICATION

### GENERAL

Power supply requirement.....DC 12V  
Current consumption.....10A MAX  
Maximum power output.....4 X 40W(Measured at 14.4V)  
Number of channels.....2 STEREO  
Chassis dimensions.....178[W] X 50[H] X 165[D]

### FM SECTION

Frequency range.....87.5MHz -108MHz  
Usable sensitivity.....3uV  
I.F Frequency.....10.7MHz

### AM SECTION

Frequency range.....522KHz - 1620KHz  
I.F Frequency.....450KHz  
Usable Sensitivity.....40dB

### LINE - OUT

Output.....MAX 1200mV

### CD/SD or USB PLAYBACK

System.....MP3 audio system  
Usable disc.....CD/CD-R/CD-RW/MP3  
Frequency response.....20-100Hz <= 5dB  
10-20KHz <= 5dB  
Signal to noise ratio(CD).....50dB [1KHz]

# TEVION®

## Warranty Card

**Car CD/MP3 Radio with Bluetooth 49180**

Please keep your purchase receipt together with your warranty card

Name \_\_\_\_\_

Address \_\_\_\_\_

\_\_\_\_\_

 \_\_\_\_\_

Date of purchase \_\_\_\_\_

Location of purchase \_\_\_\_\_

**Detailed description of malfunctions:**

### SERVICE HELPLINE

Qesh Ltd, 1 Solway Court, Crewe Business Park, CW1 6LD

UK/N.Ireland 01270 508538, Rep.Ireland 1800 995 036

web: [www.qesh.co.uk](http://www.qesh.co.uk)

#### AFTER SALES SUPPORT



GB 01270 508538 IRE 1800 995 036



[www.qesh.co.uk](http://www.qesh.co.uk)

MODEL NUMBER: 49180

- Car stereo
- Fascia carry case
- ISO extension cable
- Aux in wire
- RCA cable

