



# BLUETOOTH CAR STEREO WITH 6.5" SPEAKER PAIR

AWC2016BT  
QM4204



# Instruction Manual

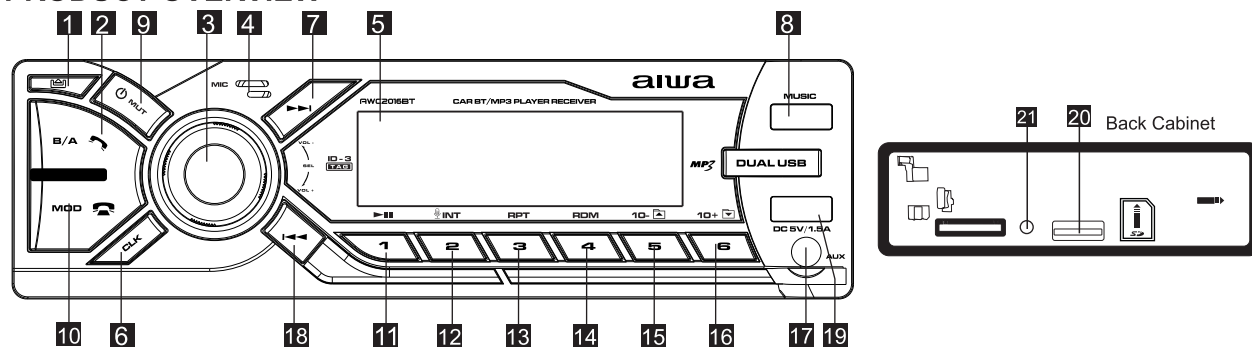
## IMPORTANT SAFETY INSTRUCTIONS

1. Read all instructions before use. Keep these instructions for future reference.
2. **IMPORTANT: NOT SUITABLE FOR DIY INSTALLATIONS. THIS PRODUCT MUST BE INSTALLED BY A PROFESSIONAL CAR INSTALLER.**
3. This unit is intended to be installed on a vehicle dashboard.
4. The unit must be used under cover at all times. Do not immerse.
5. This unit is not a toy. Young children must be supervised to ensure they don't play with the unit.

## CONTENTS OF BOX

- 1x car audio player
- 2x 6.5" speakers & speaker cables
- 2x ISO connectors
- 2x lock box keys
- 8x speaker screws
- instruction manual

## PRODUCT OVERVIEW



1. DETACHABLE PANEL KEY - Press to detach the panel from the unit.

2. B/A Button: In Radio mode, press to switch between the different Bands: FM1, FM2, FM3, AM1, AM2. 6 channels can be stored in each band. In Radio mode, press and hold to activate Auto Preset Scan (APS). Here an automatic channel scan is done and the strongest channels will be stored automatically into the 1 to 6 buttons (for each band). In BT mode, press to answer phone calls.

3. Select / Volume Dial - Rotary Dial on unit panel.

In normal mode, use this Dial to increase / decrease the volume level. To access various audio adjustments and LED backlight colour change, press to cycle through the following settings, then turn dial to adjust:

VOLUME > BASS > TREBLE > BALANCE > FADER > EQ > LOUD > DX > STEREO  
(DX and STEREO are only available in Radio mode)

Press and hold to enter colour change mode,, then turn dial to go through the options:  
AUTO > RED > GREEN > BLUE > YELLOW > CYAN > PURPLE > WHITE

4. MIC for Wireless Audio


5. LCD Display - Display the time and other selected function.

6. CLK Button - Press to display and adjust the time.

7. ►► BUTTON - In radio mode, press once to search for the next available radio station. In MP3 mode, press to go to the next track.

8. USB Slot for Music File - Insert a USB stick with MP3 / WMA tracks inside to play the music.

9. POWER/MUT BUTTON - Press to switch on the unit. Press and hold to switch off the unit. When the unit is on, press once to mute down the volume; press again to resume the previous volume level.

10. MOD  button - Press to change between the different modes (RADIO – USB – SD – AUX – BT). Once Bluetooth is activated, press to hang up the phone call.

11. 1/Pause Button - In MP3 mode, press to pause playback, press again to resume playback.

12. 2/INT button - In MP3 mode, press to listen to the first 10 seconds of each song. In Bluetooth mode, press and hold to activate the voice assistant function on your phone.


13. 3/RPT Button - In MP3 mode, press to repeat the song.

14. 4/RDM Button - In MP3 mode, press to play song randomly.

15. 5/-10 Button - In MP3 Mode, press and hold this button for 3 seconds to select the folder. In MP3 mode, press shortly to rewind backward 10 songs at one time.

16. 6/+10 Button - In MP3 Mode, press and hold this button for 3 seconds to select the folder. In MP3 mode, press shortly to fast forward 10 songs at one time.

17. Aux In Function - Choose to connect and play any compatible external audio equipment.

18.  button - In Radio mode, press once to search to previous radio station; In MP3 mode, press to go to the previous track.

19. DC5V, 1.5A USB OUT PORT: to charge mobile devices like a smartphone.

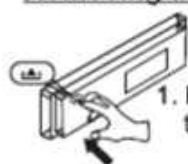
20. SD Card Slot - Insert any SD Card device into this slot for MP3 playback

22. RES button - The RESET button must be triggered with a Pencil or thin metal object. Do not use sharp object to avoid damage to the unit. Press RESET button if:

1. Unit turns off unexpectedly OR
2. There is an error symbol on the LCD screen OR
3. Function buttons do not work..

#### **DETACHABLE CONTROL PANEL**

##### Removing the detachable panel



1. Press the button to release the panel.

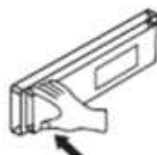


2. Pull out the panel and take it away.

##### Attaching the detachable panel



1. Insert right side of the panel.





2. Push the whole panel up. Until a "click" sound is heard.

## Bluetooth

When pairing your mobile device for the first time:

1. Switch on the unit, then turn on Bluetooth function on your mobile device.
2. Search for the Bluetooth name 'Aiwa AWC2016BT'.
3. Click connect to pair with 'Aiwa AWC2016BT'.
4. If pairing is successful, Bluetooth icon will display on the LCD screen.
5. Now you can enjoy Bluetooth function. You can Play Music / Make Calls / Receive Calls through your mobile phone.
6. Once your mobile phone is paired with Bluetooth, Press MODE to switch back to Radio / USB / SD / Aux In function.
7. If you get an incoming call while using Radio / USB / SD / Aux In, Bluetooth function will be activated automatically. Once the call is finished, the unit will switch back to original mode (Radio / USB / SD / Aux In).

## To Receive a Call

1. When there is an incoming call, the incoming call's number will be shown on the LCD display. Then press B/A  to answer it; and to hang up press .
2. When this unit is switched off and an incoming call is received; this unit will be switched on automatically and Bluetooth function will be activated. After the call is finished, this unit will automatically switch off.
3. During the conversation, press B/A key to transfer the call from the car radio to the phone and vice versa.

## To Make a Call

1. Dial the number on your mobile, then press B/A  to start the call, to hang up press .

## Other Function

### Music Player

In BT mode, open music files on your mobile and the music will be played on this unit. Use the PREV/NEXT keys to play previous or next song.

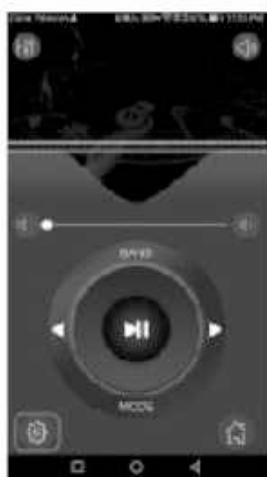
To turn off Bluetooth, switch off Bluetooth function on your mobile to disconnect.

## Voice control function

In Bluetooth mode, press and hold number 2 button to activate the voice assistant function on your phone.

## APP Function

1. Search EWAY Link on Google playstore or IOS to install the APP.
2. Once installed, you can control the unit from your mobile via the app.



APP FRONT PAGE



SETTING PAGE



## APP Function details:



## Basic Control:

### 1. Power switch / Mute

- 1) Press any button to turn on the unit. Press & hold POWER button to turn off the unit.
- 2) When the unit is on, press MUTE button to mute the volume. Press again to go back to previous volume level.

### 2. Mode Button

1. Press MODE button to switch between the different modes (RADIO - USB - SD - AUX IN - BT).
- Note: USB/SD modes will be available only when devices are inserted into the correct slot.

### 3. Time display and setting

- 1) Short press the CLK button to display the time.
- 2) Press and hold the CLK button to set the time. Time on the display will blink. Rotate the **Volume Dial to set the hour, press CLK button to confirm the hour; then rotate the Dial to set the minute, press CLK button to confirm the minute.**

### 4. Audio Adjustments

- 1) Rotate volume dial to increase/decrease the volume level.
- 2) Short press the Dial repeatedly to switch between the various options: VOL > BAS > TRE > BAL > FAD > LOUD > EQ > DX > ST. Rotate the Dial to adjust each option.

Note: If EQ is on, Unit will not be able to control BASS & TREBLE Function. DX and ST are available only in FM/AM mode.

## Radio Function:

### 1. Band Control

- a. On the unit, press B/A button to select BAND, it will cycle through 5 radio bands: FM1-FM2-FM3-AM1-AM2.
- b. On the unit, press and hold B/A button to scan up all the strongest stations and preset automatically in 1-6 number keys.



c. In FM mode, 18 stations can be stored from FM1-FM3, In AM mode, 12 stations can be stored from AM1-AM2. Press any number button to enjoy the stored channel.

## **2. Tuning Button**

Press PREV/NEXT button to start autotuning. The scanned frequencies will be displayed on screen. Press PREV/NEXT button again to stop autotuning.

Press and hold PREV/NEXT button to do manual tuning; when released, it will switch back to autotuning.

## **Mp3 Control**

Mp3 Function:

1. This unit can read the files from a USB device by plugging it into the slots.
2. When it is playing the tracks from USB, USB icon is found on the display.
3. When it is playing the tracks from SD Card, SD icon is found on the display.
4. When the file type is MP3; then MP3 icon is found on the display.
5. When file type is wma, 'wma' is displayed for a few seconds.
6. Press fast forward to go to next track and press rewind to go to the previous track.
7. When MP3 is playing, press "1" number button to pause it and to resume it by pressing "1" again.
8. Press "2/INT" number button to listen to the first 10 seconds of each song. Press again to cancel.
9. Press "3/RPT" number button to start or cancel the repeat function.

The cycle is:

REPEAT ONE (SINGLE TRACK ONLY) -> REPEAT DIP (REPEAT TRACKS INSIDE THE FOLDER) -> REPEAT ALL

10. Press "4/RDM" number button to play all the MP3 files randomly. Press again to cancel.

11. Press "5/10-" number button to play the previous 10 tracks.

Press and hold to rewind to the previous folder.

The factory default is repeat all track. Press again to cancel single track repeat.

## **ID3 Tag**

1. If the MP3 file is available with ID3 tag, the following information will be shown on LCD display automatically.

~ Song name with file type

~ Title

~ Artist

2. During MP3 mode, press & hold B/A button on unit to activate the track search mode, as below:

For example, If you are now playing the first song and you want to switch to track 59, press APS button, "TRK SCH" will be found on the LCD display, Then rotate the dial to select

"5" or press "5" on the unit; so that the first digit "5" will be found on LCD Display. Then wait

for 3 seconds, it will move to the second digit automatically; then again rotate the dial; so that the second digit "9" will be found on the LCD Display.

To confirm your selection, press "Dial" button.

## INSTALLATION

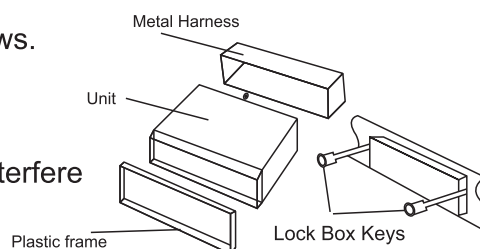
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### To disassemble:

1. Press the button on the front panel to detach the front panel of the unit.
2. Pull out the plastic frame.
3. Use the Lock Box Keys to detach the unit from the Metal harness. (Insert the Keys into the grooves on both sides of the unit until they click. Now pull the Keys to remove the unit from the metal harness.)

### To assemble:

1. Attach the Metal harness into the vehicle panel.
2. Make the speaker, antenna and power connections as explained in 'ISO Speaker Connections' section.
3. Insert the unit into the Metal harness until it clicks.
4. Attach the plastic frame (the thicker part of the frame should be at the bottom).
5. Attach the front panel of the unit.
6. Mount the speakers as desired using the speaker screws.



### Attention:

1. Choose the mounting location where the unit will not interfere with the normal driving function of the driver.
2. Before completing the unit installation, connect the wiring temporarily and make sure it is all connected up properly and the unit and system work properly.
3. For safe installing, use the mounting hardware provided by the manufacturer.

## Trouble Shooting

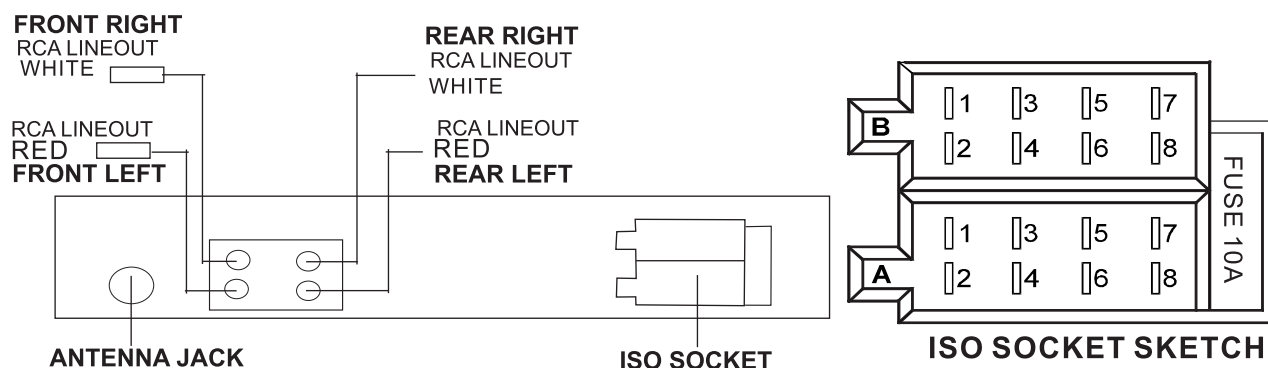
All installation related issues should be handled by a professional car installer.

Symptom	Cause	Solution
No Power	Speaker cable is disconnected. Poor power connection.	Check to see that all the power and speaker leads are securely connected.
	The fuse is burnt out.	Replace the fuse.
No Sound	Volume is set to the minimum.	Adjust volume to a desired level.
	Wiring is not proper.	Check wiring connection.
The radio doesn't work, and the radio station automatic selections do not work.	The antenna cable is not connected, or the signal is too weak.	Select the station in manual mode. Insert the antenna cable firmly.
The player is on, but it doesn't play any track.	The file format is not Mp3/WMA format.	Make sure the songs you store in the USB are Mp3 /WMA format.

# ISO SPEAKER CONNECTION

**IMPORTANT: NOT SUITABLE FOR DIY INSTALLATIONS. THIS PRODUCT MUST BE INSTALLED BY A PROFESSIONAL CAR INSTALLER.**

**There are 2 ISO connectors included - connector A is for power and antenna connection, connector B is for speaker connection. 2 front speakers are included, rear speakers are not included.**



## CONNECTOR A:

1. N/A
2. N/A
3. N/A
4. YELLOW - MEMORY + 12V
5. BLUE - AUTO ANTENNA B+
6. N/A
7. RED - ACC +12V
8. BLACK - GROUND

## CONNECTOR B:

1. (PURPLE) REAR RIGHT SPEAKER (+)
2. (PURPLE BLACK) REAR RIGHT SPEAKER (-)
3. (GREY) FRONT RIGHT SPEAKER (+)
4. (GREY BLACK) FRONT RIGHT SPEAKER (-)
5. (WHITE) FRONT LEFT SPEAKER (+)
6. (WHITE BLACK) FRONT LEFT SPEAKER (-)
7. (GREEN) REAR LEFT SPEAKER (+)
8. (GREEN BLACK) REAR LEFT SPEAKER (-)



## Technical Specifications

Power – 12V DC

Maximum Current – 10A (MAX)

Installation Size (L\*W\*H) – 178 X 80 X 50 MM

Weight – 0.55 KG

Working Temperature -20C ~ +60C

### Audio

High Power Output - 4 x20 Watts

Speaker impedance - 4 Ohms ~ 8 Ohms

### FM Tuning

Frequency Range – 87.5 – 108 MHZ

Usable Sensitivity – 10dB (S/N 30 dB)  $\leq$  15 dB

### AM Tuning

Frequency Range – 520 – 1710 KHZ

Usable Sensitivity – 30Db (S/N)

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