



## AX1805BT

### 12/24V 3" LCD MULTIMEDIA RECEIVER

## SPECIFICATIONS

### GENERAL

- 3 Inch LCD
- Fixed Face Panel
- Illuminated Controls
- 12/24 Volt DC (10.8 - 32V)
- Ultra Memory
- Digital Clock
- Dimensions:  
178W x 50H x 88D mm (Chassis)  
188W x 58H x 20D mm (Front Panel)

### AUDIO

- 4 x 45W Max Power
- EQ Presets
- Loud/Mute
- Telemute
- 4-8 Ohm Speaker Impedance
- 2CH RCA Pre-Out

### MULTIMEDIA

- 1 x USB Input (2A Charging) (Front)  
MPEG5 Audio/Video Playback  
Up to 64GB Support
- 1 x 3.5mm Aux-In (Front)
- 1 x A/V Input
- 1 x Camera Input
- 2 Video Output

### TUNER

- PLL Synthesized AM/FM Stereo
- ELITE Tuner (FM 87.5-108 MHz; AM 522-1620 Khz)
- Interference Absorption Circuit
- 30 Station Presets (18 FM, 12 AM)
- Mono/Stereo

### BLUETOOTH

- Hands Free
- A2DP Audio Streaming
- Internal Hands Free Microphone

### INCLUDED

- ISO Wiring Harness

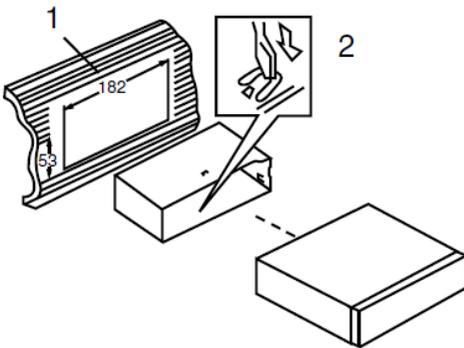
# Installation

Please read these instructions carefully before operating the unit

## ATTENTIONS OF INSTALLATION

1. This player should be installed by a professional technician.
2. Please read instructions carefully before installing.
3. Please ensure all wires are connected before powering unit on.
4. To avoid short circuit, please ensure all exposed wires are insulated.
5. Please secure all wires after installation.
6. Please ensure connections made are as per directions in this instruction manual. Wrong connection may cause damage to the unit.
7. Please connect the wires correctly. Wrong connection will cause malfunction or damage the electrical system.

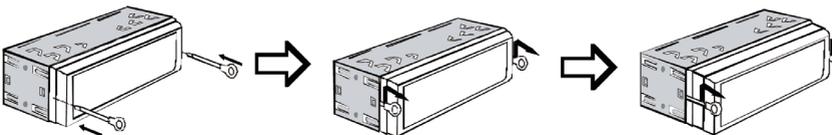
## INSTALLING THE UNIT



1. Dashboard
2. Sleeve tab to bend

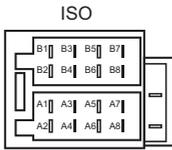
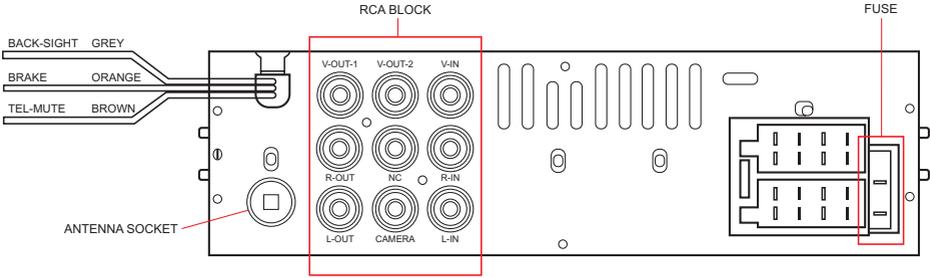
## REMOVING THE UNIT

Insert the keys supplied into both sides of the unit until they click. Pull the keys to remove the unit from the dashboard.



# Installation

## WIRING CONNECTION



NO		NO	
A1		B1	REAR-R SPEAKER +
A2		B2	REAR-R SPEAKER -
A3		B3	FRONT-R SPEAKER +
A4	POWER+	B4	FRONT-R SPEAKER -
* A5	ANTENNA	B5	FRONT-L SPEAKER +
A6		B6	FRONT-L SPEAKER -
A7	ACC	B7	REAR-L SPEAKER +
A8	GROUND	B8	REAR-L SPEAKER -

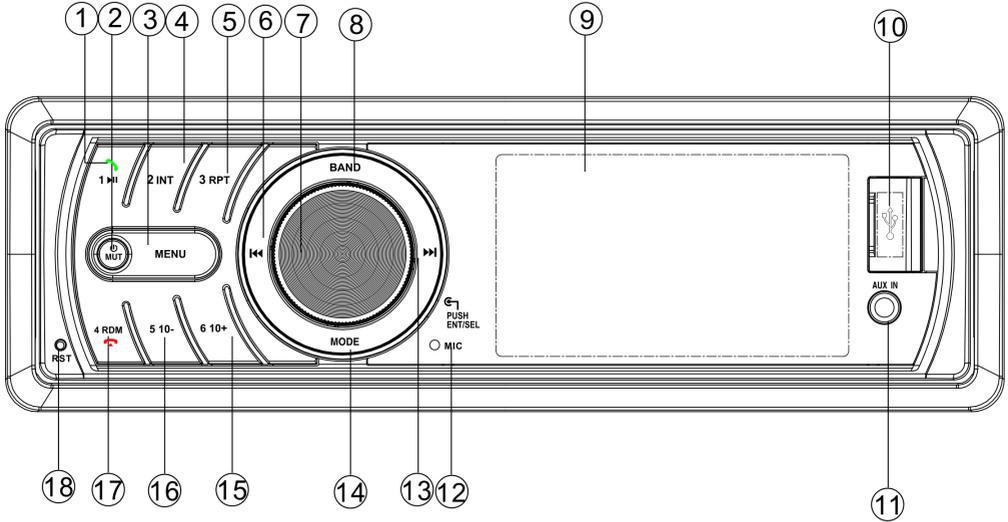
\*Optional

Name	Colour	Description
* Back Sight	Grey	Displays reverse camera. Connect to reverse lamp positive.
* Brake	Orange	Displays movies. Connect to hand brake negative.
* Tele-Mute	Brown	Mutes audio input. Connect to Tele-Mute on UHF/VHF CB.

1. Do not connect the terminals of the battery until the player is installed.
2. Please connect the yellow wire to the positive of the battery (+).
3. When changing the fuse, ensure the new fuse specification is the same as the current.

# OPERATION

## LOCATION OF KEYS



- |                          |                     |
|--------------------------|---------------------|
| 1.  1                    | 11. AUX IN          |
| 2.  MUTE/POWER ON/OFF    | 12. MIC             |
| 3. MENU                  | 13.  Seek up button |
| 4. 2 INTRO               | 14. MODE            |
| 5. 3 REPEAT              | 15. 6/10+ Seconds   |
| 6.  Seek Down Button     | 16. 5/10- Seconds   |
| 7. VOL/PUSH/ENT/SEL      | 17.  4/RANDOM       |
| 8. BAND/Video Out On/Off | 18. RESET           |
| 9. TFT SCREEN            |                     |
| 10. USB                  |                     |

# OPERATION

## Key functions

KEYS	ACTION	RADIO	USB/SD	AUX	BT
POWER/ MUTE	Short	Power on / Mute on/off	Power on / Mute on/off	Power on / Mute on/off	Power on / Mute on/off
	Long	Power off	Power off	Power off	Power off
MENU	Short	Main menu	Main menu	Main menu	Main menu
	Long		file search		
MODE	Short	source change	source change	source change	source change
	Long	BT off/link	BT off/link	BT off/link	BT off/link
BAND	Short	band change	Music/Photo/Video switch		
	Long	Auto store	Video Out/3 inch display		
I<<	Short	Seek down	previous file		previous file
	Long	Manual turn down	FR		
>>I	Short	Seek up	next file		next file
	Long	Manual turn up	FF		
1/  	Short	Preset 1 recall / Answer call	Answer call / Play/Pause	Answer call	Answer call / Transfer Play/Pause
	Long	Save station to P1			
2/INT	Short	Preset 2 recall /	Reject call / INT on/off	Reject call	
	Long	Save station to P2			
3/RPT	Short	Recall preset 3	Repeat on/off		
	Long	Save station to P3			
4/RDM 	Short	Preset 4 recall / Reject call	Random on/off / Reject call	Reject call	Reject call / finish call
	Long	Save station to P4			
5/10-	Short	Preset 5 recall	-10 skip		
	Long	Save station to P5			
6/10+	Short	Preset 6 recall	+10 skip		
	Long	Save station to P6			
VOL	Rotary	Volume +/-	Volume +/-	Volume +/-	Volume +/-
SEL (push VOL)	Short	BAS/TRE/BAL/FAD/EQ /LOUD	BAS/TRE/BAL/FAD/EQ /LOUD	BAS/TRE/BAL/FAD/EQ /LOUD	BAS/TRE/BAL/FAD/EQ /LOUD
	Long	P-VOL/CT/ST/LOC	P-VOL/CT	P-VOL/CT	P-VOL/CT

# OPERATION

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## Basic Operation

### Turn on/off the unit and MUTE function

Press /MUT button to turn on the unit. When the unit is on. Shortly press this button for mute on/off. Press and hold it for 2 seconds to turn off the unit.

### Audio setting menu adjustment

Repeatedly press **VOL** knob for the audio menu:

BAS(Bass)-TRE(Treble)-BAL(Balance)-FAD(Fader)-EQ-LOUD

Press and hold **VOL** knob for the setting menu: P\_VOL-CT(INDEP/SYNC)-ST/MONO-DX/LOC

In each item rotating **VOL** knob to set them.

### Switch source

Shortly press **MODE** button to change source. Also shortly press **MENU** button and rotating the **VOL** knob to select other source or settings then press **VOL** knob.

### Main menu adjustment

Shortly press **MENU** button and rotating the **VOL** knob to select SETTINGS then press **VOL** knob.

There are below items:

Language-Radio Area-Time-Time mode-Date-PAL/NTSC-Led Color-Video Warning-Factory default -Version

In each item rotating **VOL** knob to set them.

### Reset the unit

Press **RESET** button to reset the unit. It is activated for the following reasons:

- a) Some buttons do not operate.
- b) Error symbol shows on the display.

**Note:** if the **RESET** function is activated. All the memory will be lost.

There is a "Factory default" item in settings menu. To active it. You also can make all data back to the factory setting.

## Radio Operation

### Receive a radio station

In RADIO source press **BAND** button to select desired band. Shortly press  button to receive the desired radio station. Press and hold  button for manual tuning the frequency.

### Auto Store:

Press **BAND** button for 2 seconds to auto store stations to band 1~3.

### Manually store station & recall preset station

Tuning to a station with  or  button. Press and hold one of the 1- 6 preset button for 2 seconds. The current station is stored into the number button. Shortly press the preset button (1~6) to directly listen the station that saved in the corresponding preset button.

## USB Operation

When an USB driver inserted to the unit, the unit will play the MP3/WMA file automatically. If an USB drive is already inserted in the unit. Keep pressing **MODE** button shortly until the USB mode

# OPERATION

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display appears.

## Select file

Press **▶▶** **◀◀** button to skip to next/previous file. Hold **▶▶/◀◀** button to fast forward or fast reverse.

## Play/Pause

Press **▶||** button to pause/playing the file.

## INT function

Press **INT** button to play the first 10 seconds each file. Press it again to cancel this function.

## RPT function

Press **RPT** button to select repeat mode: RPT ONE / RPT ALL (default).

## Random function

Press **RDM** button, all files will be played randomly. Press it again to cancel this function.

## +10/-10 file skip

Press **5/-10** button to skip back 10 file playing. Press **6/+10** button to skip forward 10 file playing.

## Search song

Press and hold **MENU** button for 2 seconds. It will list all the songs on the display. Press and hold **MENU** button for 2 seconds again. It will return to the parent directory. Using **VOL+/-** button to select the desired folder/song then press **VOL** knob to enter/play.

## Video/Photo/Music changing

**Way 1:** Shortly press **BAND** button to change Video/Photo/Music mode.

**Way 2:** Press and hold **MENU** button for 2 seconds. It shows the file search screen. Press **|<<** button. One of the **MUSIC/VIDEO/PHOTO** symbol will be active. Rotating **VOL** knob to desired symbol. Press **>>|** button switch to the right side. Rotating **VOL** knob to select folder /file then press **VOL** knob to play.

## AV IN operation

Connecting the Audio and Video signal to the RCA connectors (L-IN/R-IN/V-IN) behind the unit. Then press **MODE** button to switch to AV IN mode. (Note: BRAKE wire needs to be connected to ground.)

## AUX operation

Connecting a audio signal (from a player) to the 3.5mm jack of front panel. Then press **MODE** button to switch to AUX mode.

## Camera in operation

Connecting the camera signal to RCA "CAMERA" connector behind the unit. When "BACK SIGHT" wire is connected to ground. It will switch to Camera mode.

## Tele-mute operation

When "TEL-MUTE" wire is connected to ground. The sound of speakers will be muted. When "TEL-MUTE" wire is disconnected to ground. The sound of speakers resumes.

# OPERATION

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## Bluetooth Operation

### PAIRING

On your mobile phone, turn on Bluetooth and search for Bluetooth devices. "CAR-BT" should appear in the list and select.

Enter the password "0000" if needed.

When successfully paired, the BT icon will be on the display.

### BLUETOOTH AUDIO

Press MODE button to switch to BT mode. Music on your mobile phone will automatically play.

Press >|| key to pause/Play the song. Press >>| or |<< button to select the next or previous song.

### BT CALLING

When there is an incoming call, press the Phone answer icon to answer the call.

Press the phone hang-up icon to reject or end the call.

### DISCONNECT BLUETOOTH

To disconnect the bluetooth, press and hold the MODE button for 2 seconds. Repeat to re-connect.

# TROUBLE SHOOTING

## GENERAL

Power Supply Requirements : DC 10-32 Volts, Negative  
Chassis Dimensions Ground : 178 (W) x 97 (D) x 50 (H)

### Tone Controls

- Bass (at 100 Hz) :  $\pm 10$  dB  
- Treble (at 10 kHz) :  $\pm 10$  dB  
Maximum Output Power @32V : 4 x 45 watts  
Current Drain : 5 Ampere (max.)

## RADIO

### FM

### AM

Frequency Coverage 87.5 to 108 MHz 522 to 1620 kHz  
IF 10.7 MHz 450 KHz  
Sensitivity 4dB $\mu$ V(S/N=30dB) 36dB $\mu$ V(S/N=20dB)  
Stereo Separation >25dB /

## TROUBLE SHOOTING

Before going through the checklist below, check the wiring connection. If any of the problems persist after checklist has been made, consult your nearest service dealer.

Symptom	Cause	Solution
No power.	The car ignition switch is not on.	If the power supply is connected to the car accessory circuits, but the engine is not moving, switch the ignition key to "ACC".
	The fuse is blown.	Replace the fuse.
No sound.	Volume is in minimum	Adjust volume to a desired level.
	Wiring is not properly connected.	Check wiring connection.
No video output	Function needs to be activated	Long press the BAND button
The operation keys do not work.	The built-in microcomputer is not operating properly due to noise.	Press the reset button.
The radio does not work. The radio station automatic selection does not work.	The antenna cable is not connected.	Insert the antenna cable firmly.
	The signals are too weak.	Select a station manually.





# WARRANTY

Congratulations on your purchase of a quality **axis** Mobile Entertainment System! You're joining thousands of satisfied customers who enjoy & experience the benefits of the products we distribute. In the unlikely event that some technical difficulty arises with your purchase, be assured that we are most anxious to see that the problem is quickly rectified to your satisfaction. Please familiarise yourself with the following simple conditions of our warranty.

This warranty covers faults through component failure or failure of the product to operate in accordance with published specifications. Product failure as a result of unreasonable environmental conditions, accident, misuse, improper installation, unauthorised repair, vehicle electrical or wiring faults or neglect etc, will not be covered by this warranty. Removal and installation costs, if any, would be paid by the owner as well as any freight or postage costs of transporting the product to AudioXtra. AudioXtra shall not be liable or responsible for any loss of use of this product or any form of consequential loss.

## CONSUMER WARRANTY

This product is warranted by AudioXtra Pty Ltd to be free from defects in materials and workmanship under **NORMAL USE** for a period of **TWENTY FOUR MONTHS** from the date of purchase.

**WITHIN 30 DAYS OF PURCHASE DATE:** Please return the unit for replacement to our National Service Centre or the Retailer from where you made the purchase. All accessories must be included. Proof of purchase date **must** accompany the products.

**AFTER 30 DAYS OF PURCHASE DATE:** Warranty repair and service is carried out by our National Service Centre. Repair and service will be carried out at no cost to the owner if proof of ownership and the date of purchase can be verified to the satisfaction of the authorised centre concerned with this repair. This proof should take the form of either:

- a) The warranty card accompanying this product, stamped and dated by the dealer.
- b) A Tax Invoice or Receipt showing full details of original vendor, purchaser, model number and serial number.

**COMMERCIAL WARRANTY:** A product used in or associated with a commercial application will carry a limited **SIX MONTH** warranty. An abnormal commercial application is one where usage, dust, vibration, heat/cold and other environmental conditions exist at an extreme level.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Please complete details below in the event of warranty service being required.

Purchaser's Name: \_\_\_\_\_

Purchaser's Address: \_\_\_\_\_

Model Number: **AX1805BT** Serial Number: \_\_\_\_\_

Dealer Name: \_\_\_\_\_ Date of Purchase: / /

Dealer Address: \_\_\_\_\_

Invoice/Sales Docket no: \_\_\_\_\_

General Hints: To expedite service and prompt return of the equipment, please:

- a) Clearly describe the fault in detail
- c) Include your return address
- b) Safety and security pack the unit for transport
- d) Provide proof of purchase date as outlined above

**audioXtra** ESTD 1988

### National Service Centre:

10 STODDART ROAD, PROSPECT, SYDNEY NSW 2148 Australia

Telephone: (02) 8841 9000 Fax: (02) 9636 1204

email: services@audioxtra.com.au