



JS056WK

5.6" WIRELESS REVERSING SYSTEM

SPECIFICATIONS

MONITOR

| | |
|------------------------|--------------------------------|
| - LCD: | 143mm (5.6") Digital Colour |
| - Resolution: | 640 x 480 |
| - Aspect Ratio: | 4:3 |
| - Image Orientation: | Normal/Mirror/Flip/Mirror-Flip |
| - Display: | Split/Single/Auto-Scan |
| - Inputs: | 4 x Wireless |
| - Operating Freq: | 2.4 ~ 2.4835 GHz |
| - Decomp Format: | MPEG4 |
| - Pairing to Camera/s: | Auto when camera activated |
| - Time Delay: | 120ms |
| - Transmitting Range: | 120 Metres (approx) |
| - Signal System: | PAL/NTSC Select |
| - Other: | Touch Buttons/Auto Dim |
| - Loudspeaker: | 1W/8 Ohm |
| - Operating Temp: | -20~+60°C |
| - Power Consumption: | 5W Max |
| - Power Supply: | DC 10-32V |

Camera

| | |
|------------------------------|---------------------------|
| - Image Device: | 1/3" PC3089 Sensor |
| - Viewing Angle: | 120° |
| - Signal System: | PAL |
| - Effective Pixels: | 512 x 582 |
| - Sensing Area: | 4.80mm x 3.78mm |
| - Image Mode: | Mirror/Normal Selectable |
| - Scanning System: | 2:1 Interlace |
| - Sync System: | Internal |
| - Horizontal Sync Frequency: | 15.625 KHz |
| - Vertical Sync Frequency: | 50 Hz |
| - Video Output: | 1.0Vp-p, 75 Ohm |
| - S/N Ratio: | Better than 46.5dB |
| - White Balance: | Auto |
| - Electronic Shutter: | 1/50 (PAL) ~1/100,000 sec |
| - Operating Frequency: | 2.4 ~ 2.4835 GHz |
| - Receiving Sensitivity: | -89 dBm |
| - Line of Sight Range: | 120 metres |
| - Compression Format: | MPEG4 |
| - Frame Rate: | 25f/s |
| - Transmit Output Power: | 17 dBm |
| - RF Bit Rate: | 4Mbps |
| - Minimum Illumination: | 0 Lux (12 IR LEDs) |
| - Night Vision Distance: | 10m |
| - Audio: | Yes |
| - Ingress Protection: | IP69K |
| - Power Supply: | DC 8-36V |
| - Optional Extra Camera: | CC007W |

Contents

| | |
|-----------------------------------|----|
| 1. Precautions | 3 |
| 2. Features..... | 5 |
| 3. Technical Specifications | 5 |
| 4. Accessories | 6 |
| 5. Parts Identification | 7 |
| 6. Remote Control Operation | 8 |
| 7. Basic Operation | 9 |
| 8. Menu..... | 11 |
| 9. Troubleshooting | 15 |

1. Precautions

● Storage and Keeping

1. Do not expose the monitor to excessive heat or cold. The storage temperature of this device is -30~+80 °C, and the operating temperature is -20~+70 °C. The humidity is Rh90%.
2. Never use this device near a bathtub, wash basin, kitchen, damp basement, swimming pool or similar places.
3. Never use this device in environments with excessive moisture, dust or smoke.
4. Avoid dropping or striking this device.
5. Avoid using this device in enclosed spaces, areas with excessive vibration or subject to severe impacts.
6. Never puncture, scratch or use abrasive cleaning materials on this device.
7. Do not place cables where they may be pinched or stepped on.
8. Leave at least a 2" space between the monitor and walls, cabinets or other objects to allow adequate air circulation around the device.
9. The monitor is not designed to be waterproof.

● Operating Precautions

1. The device may be powered by a 12 or 24 volt automotive battery or vehicle electrical system.
2. Make sure all cables are connected properly. Observe polarity. Improper cable connections may damage the monitor. Remove the power cable connections when you do not intend to use the device.



Warning!

1. High voltage is present within the monitor. The opening of the case should be by professionals.
2. Do not watch video while driving unless you are monitoring the rear view camera display.



Special Notice

Occasionally, a few highlights or dark spots may occur on the LCD screen. This is a very common phenomenon in active matrix display technology, and doesn't necessarily indicate any defect or fault. In case of any problems, please turn off the display at once and notify our company or authorized dealer. The monitor is a complex device. Any disassembly or modification may lead to damage and void the warranty.

● Maintenance

1. Remove all cable connections from the monitor before cleaning the device.
2. Use a mild household detergent and clean the unit with a slightly damp, soft cloth.
Never use strong solvents such as thinners or benzine.



This symbol is intended to alert the user to the presence of uninsulated “dangerous voltage” within the product that may be of sufficient magnitude to constitute risk of electric shock.



This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.



This symbol is intended to alert the user to correctly dispose of used electronic equipment.

CAUTION

Any changes or modifications not expressly approved in this manual could void your warranty and necessitate expensive repairs.

2. Features

1. TFT LCD monitor with wide angle view and high resolution display.
2. NORMAL, MIRROR, FLIP and MIR-FLIP viewing available.
3. Split mode, auto-scan mode and single-display mode available.
4. Auto pairing: Auto pairing happens when camera is activated.
5. Auto dim function available.
6. Full-function remote control.
7. 4 wireless camera input.
8. Multiple video formats: PAL / NTSC.
9. Wide voltage input: 10 - 32V.
10. On-board speaker.
11. Auto switch to the working channel when trigger is activated
12. With touch buttons.

3. Technical Specifications

| | |
|-----------------------|------------------------|
| LCD size | 5.6" |
| Resolution | 640 x 3 (RGB) x 480 |
| Contrast | 500:1 |
| Brightness | 200 cd/m ² |
| Viewing Angle | U: 50 / D: 70, R/L: 70 |
| Channel | 4 channels |
| Operating Frequency | 2400 - 2483.5 MHz |
| Receiving Sensitivity | -89 dBm |
| Decompression Form | MPEG4 |
| Transmit Output Power | 17 dBm |
| Modulation | 2.4G FSK/GFSK |
| Time Delay | 120ms |
| Transmitting Distance | 120 M |
| System Format | PAL / NTSC |
| Power Supply | DC 10-32V |
| Power Consumption | Max. 5W |
| Loudspeaker | 1W/8Ω |
| Operating temperature | -20~+70°C,RH90% |
| Storage temperature | -30~+80°C,RH90% |



Special Notice

All specifications are subject to change without notice.

4. Accessories



U-Support Bracket



Centre Mount Bracket



Sun Shield



Power cable

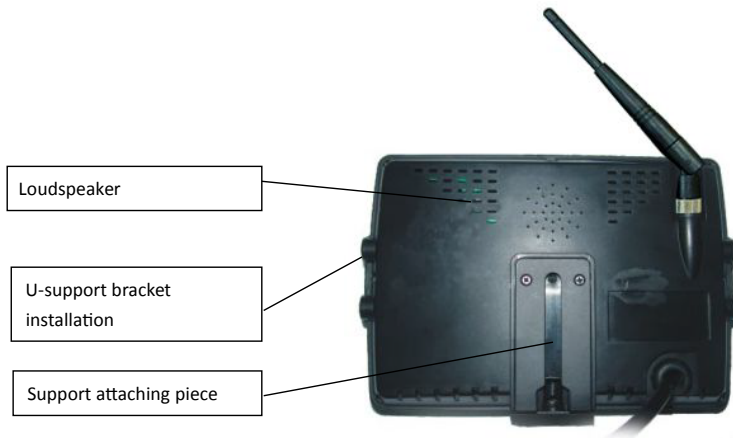
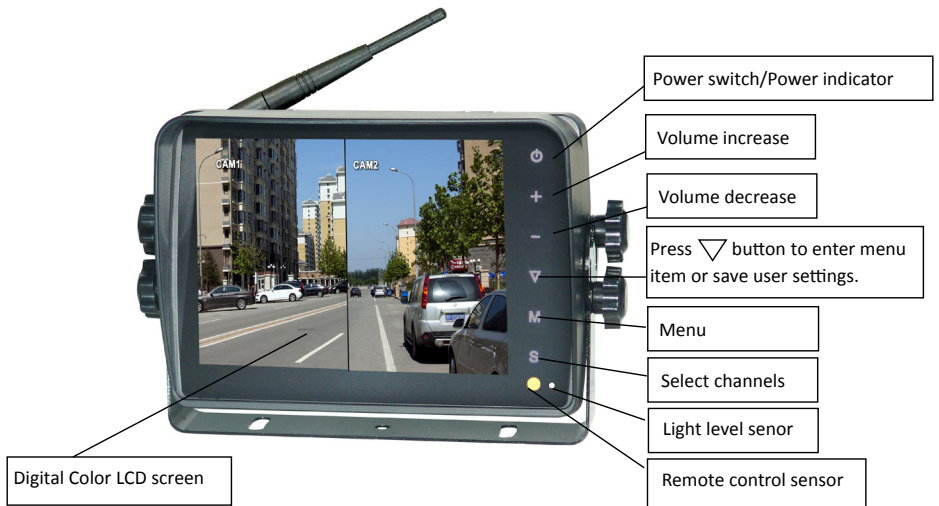


Angle Adjustment Screws

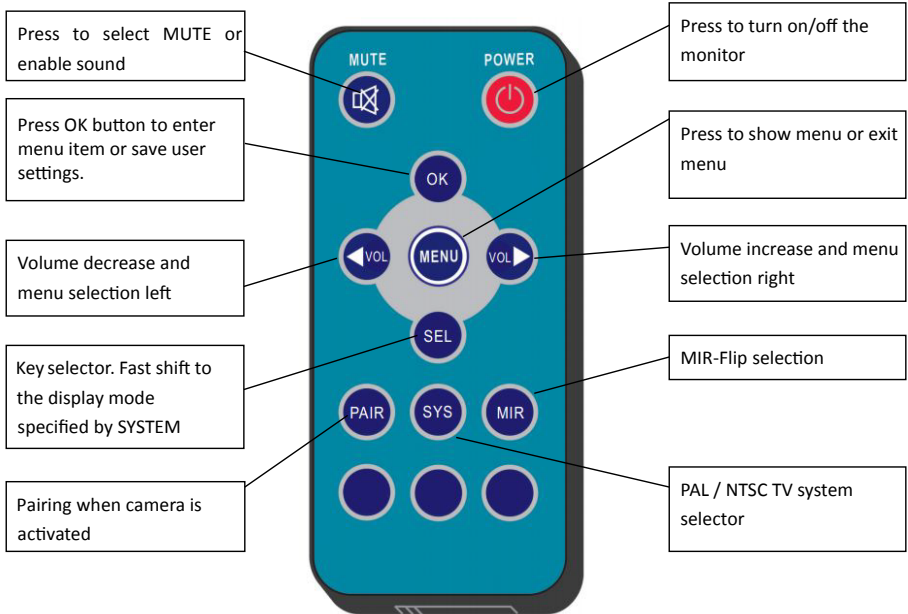


IR Remote control

5. Parts Identification



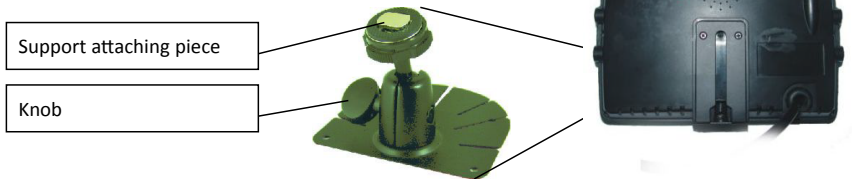
6. Remote Control Operation



7. Basic Operation

7.1 Installation of Centre Mounting Bracket:

- ① Adjust monitor level by sliding the support to the desired height.
- ② Adjust the angle of the monitor and tighten the knob on the center mounting bracket.

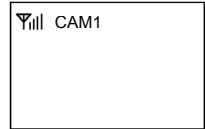


7.2. Installation of U-support Bracket

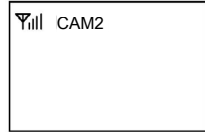


7.3.Reversing Display:

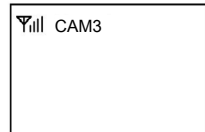
7.3.1. When the green wire is activated, the monitor automatically switches to CAM1.



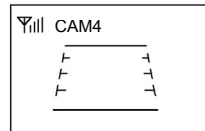
7.3.2. When the white wire is connected to the positive wire of the left turn light, the monitor automatically switches to CAM2 (left side camera) when the left light is activated.



7.3.3. When the blue wire is connected to the positive wire of the right turn light, the monitor automatically switches to CAM3 (right side camera) when the right light is activated.



7.3.4. When the brown wire is connected to the positive wire of reversing light, the monitor automatically switches to CAM4(back-up camera) when the reversing light is activated. The distance label will also be displayed.



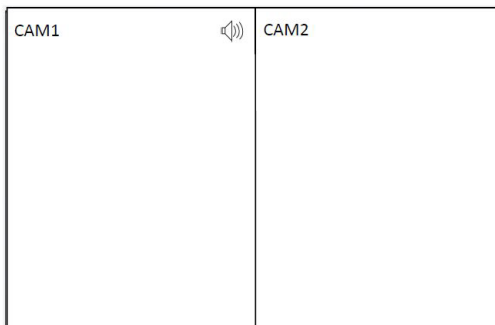
7.3.5. When the yellow wire is connected to the positive wire, the monitor automatically switches to split display.

Note: Connection may vary due to different applications.

7.4.Volume selection under split view

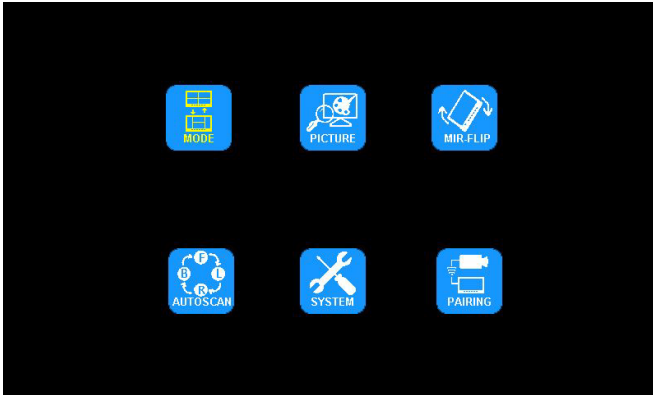
7.4.1. Check the volume icon on the top right area under single channel mode. It stands for audio out for the selected channel.

7.4.2. Press ◀ or ▶ to select the channel for audio out.



8. Menu

- MENU is only allowed for operation under single image mode, not split mode.
- Press MENU to display the following options and settings:
 1. MODE
 2. PICTURE
 3. MIR-FLIP
 4. AUTOSCAN
 5. SYSTEM
 6. PAIRING

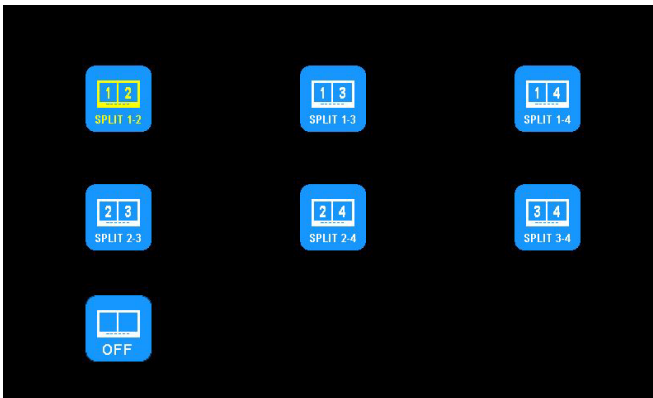


- (1) Press - or + to select MODE. Press ▽ to enter. Press - or + to select SPLIT. Select OFF to exit SPLIT mode. Press MENU return to main menu.

Note:

When select OFF to exit split mode, split trigger display is disabled.

Monitor will switch to single image mode

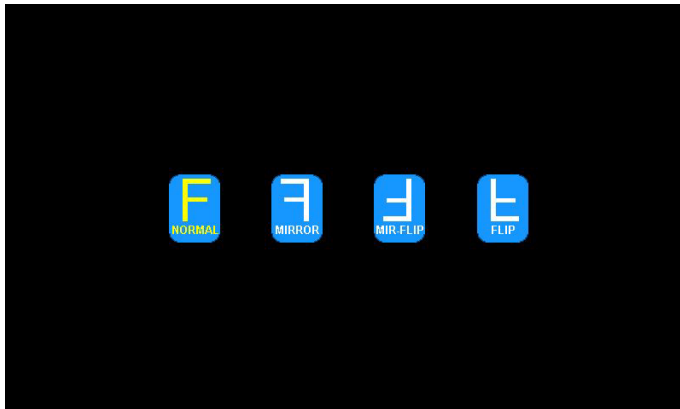


(2) Press - or + to select PICTURE. Press ▽ to enter.



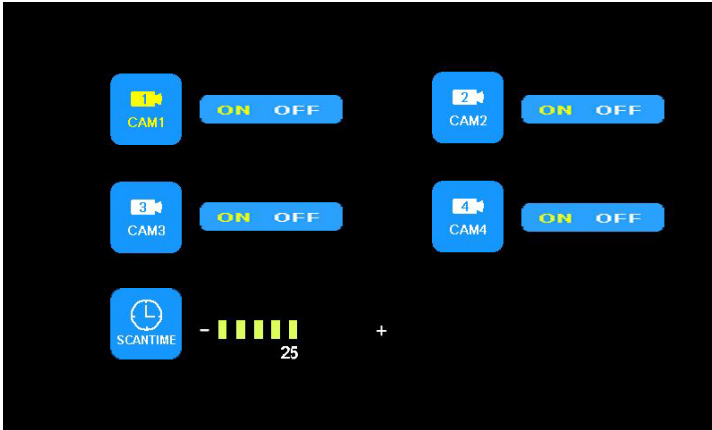
- Press - or + to select BRIGHTNESS / CONTRAST / HUE / VOLUME, Press ▽ to enter. Press - or + to adjust. Press ▽ to exit. Press MENU return to main menu.

(3) Press - or + to select MIR-FLIP. Press ▽ to select.



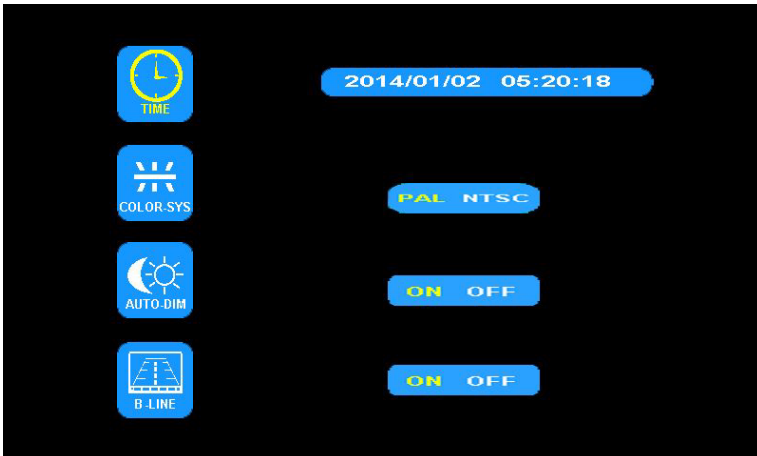
- Press - or + to select NORMAL / MIRROR / MIR-FLIP / FLIP. Press MENU to return to main menu.

(4) Press - or + to select AUTOSCAN. Press ▾ to enter.



- Press - or + to select CAM1/CAM2/CAM3/CAM4/SCANTIME, press ▾ to enter. When the icon turns yellow, press - or + to select or adjust. Press ▾ to exit. Press MENU to return to main menu.
- No video will be displayed under AUTOSCAN mode if a channel is turned OFF.
- SCANTIME frame is between 5 and 45 seconds , with a step time of 5s.

(5) Press - or + to select SYSTEM Press ▾ to enter .

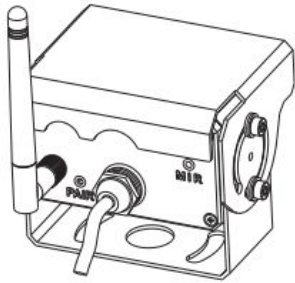


- TIME: Press - or + to select TIME, Press ▽ to set. Press - or + to adjust. Press ▽ to continue setting.
- COLOR-SYS: Press - or + to select COLOR-SYS. Press ▽ to enter. Press - or + to select NTSC/PAL.
- AUTO-DIM: Press - or + to select AUTO-DIM. Press ▽ to enter, press - or + to select ON/OFF. When set as ON, the backlighting automatically adjusts in accordance with the outer brightness.
- ELETRONIC DISTANCE LABEL: Press - or + to select ELETRONIC DISTANCE LABEL. Press ▽ to enter, press - or + to select ON/OFF to open or close the electronic distance label. When it is on, the electronic distance label will be displayed in reversing channel 4.

(6) Press - or + to select PAIRING. Press ▽ to enter .



- Auto pairing:
 1. Choose the channel that needs to be set up. The monitor will display the message “PAIRING START 50”.
 2. Within the countdown of 50 seconds, power on the camera.
 3. The monitor and cameras will synchronize themselves with each other after the camera is powered for 5s.
 4. If auto pairing is completed, the video will be displayed. If it has failed, a message “No Signal” will be displayed. Repeat the pairing procedure.
- Manually pairing:
 1. Choose the channel that needs to be set up. The monitor will display the message “PAIRING START 50”.
 2. With in the countdown of 50 seconds, power on the camera. Press the pairing button on the camera.
 3. The monitor and cameras will synchronize themselves with each other.
 4. If pairing is complete, the video will display. If it has failed, a message “No Signal” will be displayed. Repeat the pairing procedure.



9. Troubleshooting

The symptoms described below do not necessarily mean a failure within the display. Please check the following items before you initiate request for repair.

| Symptoms | Possible Causes/Solutions |
|----------------------|--|
| No picture, no sound | Improper connection of power circuit. Use of improper power supply. Power switch is set OFF. |
| No signal | Check whether the camera has power supply. Pair the monitor and the camera again. |
| No sound | Check whether the volume is turned off or set too low. |
| Dark picture | Check whether brightness and contrast are adjusted correctly. |
| No color | Adjust the HUE settings. |

WARRANTY

Congratulations on your purchase of a quality **axis** Mobile Safety 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: **JS056WK** 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
- b) Safety and security pack the unit for transport
- c) Include your return address
- d) Provide proof of purchase date as outlined above

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www.audioxtra.com.au

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