

# AUDIOMEDIA

IN CAR AV SYSTEM



**AMV158F**



**AMV108F**

**Libretto d'istruzione**

CE E13 10R-9587

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Thank you for buying Audiomedia AMV108F/AMV158F.

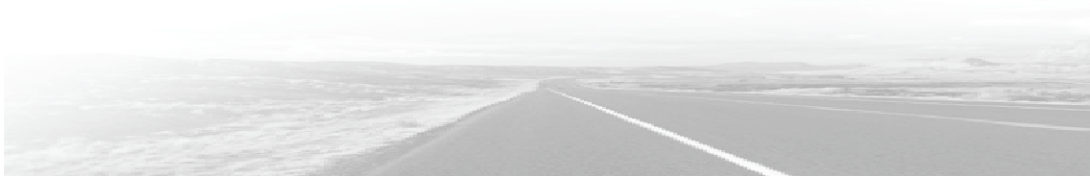
- Please read this manual carefully before using
- Keep this manual safely, for future needs
- Keep the receipt to get warranty advantages

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## 1. FEATURES

Audiomedia AMV108F and AMV158F are TFT-LCD Color Monitors that can be used as a stand-alone displays, or can be integrated into a mobile multimedia system. The units has the following features:

### **Caratteristiche AMV108F**

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- 10.2" TFT-LCD color monitor (16:9)
- Roof Mount Application
- Auto Switch NTSC/PAL
- Pixel (dots):800 RGB(W) x480(H)
- Adjustable Color/Contrast/Brightness/Tint
- Manual Viewing Angle Adjustment  
Vertical Adjustable: up/down<1750
- IR Remote Control
- On Screen Display (OSD)
- 2xAV Input
- 1xAV Output
- IR Transmitter

English

### **Caratteristiche AMV158F**

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- 15.4" TFT-LCD color monitor (16:9)
- Roof Mount Application
- Auto Switch NTSC/PAL
- Pixel (dots):1280 (RGB) x800
- Adjustable Color/Contrast/Brightness/Tint
- Manual Viewing Angle Adjustment  
Vertical Adjustable: up/down<1750
- IR Remote Control
- On Screen Display (OSD)
- 2xAV Input
- 1xAV Output
- IR Transmitter

## 2. SAFETY PRECAUTIONS AND MAINTENANCE








### English

- The unit is designed for using in DC12V, negative ground battery.
- Do not operate the unit in any way other than described within this manual. Failure to follow the instructions within the manual will invalidate your warranty.
- SAFETY FIRST! Do not install the display where it may (i) obstruct the driver's vision, (ii) impair the performance of any of the vehicle's operating systems or safety features, including airbags, or (iii) impair the driver's ability to safely operate the vehicle.
- When using the system, make sure you are firmly secured by your seat belt to ensure you do not accidentally hit your head on the screen during sudden braking or other incidents. If you are ever in an accident, injuries can be more severe if the seat belt is not properly buckled.
- Do not attempt to install or service your display by yourself. Installation or servicing of the display by persons without training and experience in electronic equipment and automotive accessories may be dangerous and could expose you to the risk of electric shock or other hazards.
- Be careful not to drain the car battery while using the unit with the car engine stopped. To avoid draining the battery, it is suggested that the vehicle engine always is running while using the unit.
- Do not disassemble or alter the unit in any way. Failure to do so can cause damage to the unit and invalid the warranty.
- Never clean the surface of the screen with chemical solvent or corrosive detergent, which may cause permanent damage to the TFT LCD screen.
- Avoid installing the unit wherever is under direct sunlight or near hot air vent. Please note that the normal working temperature of the unit is between 0°C to +50°C. If the internal temperature of the vehicle is extremely high, a short cooling down period is necessary before operating the unit.
- If the temperature inside the car is very low and the monitor is used soon after switching on the heater, moisture may form on the panel of the unit. Turn off the unit immediately! Failure to do so may cause the internal components to short. Allow the unit to rest for about one hour to allow the condensation to disappear before continue operation.
- In extremely cold temperatures, the movement of the picture may be slow and the picture may be dark. It is not a malfunction. The unit will work normally once it reaches its operating temperature.
- Do not drop or hit the LCD panel with a hard object, as it may cause permanent damage to the LCD panel. Should LCD panel break, avoid touching glass and fluid. If do, please clean it with plenty of water and ask for medical attention immediately.
- Due to different car specifications, please kindly ensure that the display monitor is properly located and not obstructing the rear view mirror and air-conditioning vent.
- Use the supplied screws to fix the monitor Metal Mounting Plate.
- Kindly refer to authorized dealers if you have any questions.
- Wipe off any dust gently with a soft, dry cloth.
- The surface is easily scratched; do not rub it with hard objects
- Do not use any chemical solvent, cleaning agent or corrosive detergent to clean away dirt on the surface of the screen.

**Before installing this display system, please check with the conformity of your local traffic rules and regulations.**

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

### 3. PACKAGE CONTENTS

	LCD Display	1
	IR Remote Control w/Battery	1
	Car Power Cable	1
	Metal Mounting Plate	1
	ST4.2x16	10
	CM 4x8	8
	User's Manual	1

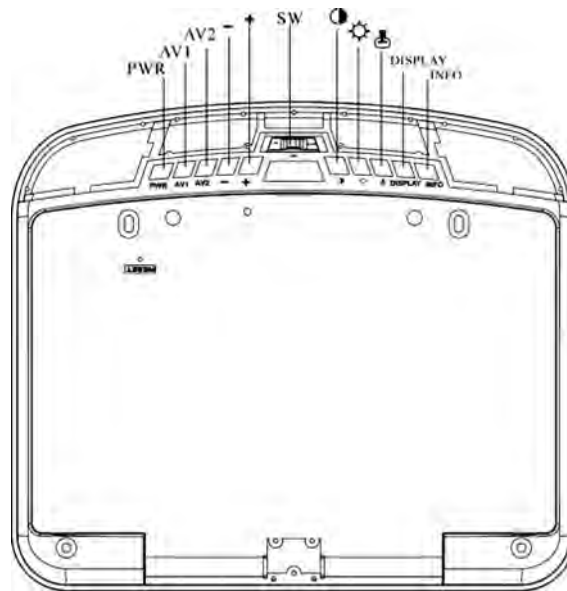
English

Use only the contents of this package to install. Use of any accessories not provided with this monitor may result in damage to the display.

**Before installing this display system, please check with the conformity of your local traffic rules and regulations.**

## 4. BUTTON FUNCTIONS

English



- 1. Power ON/OFF Button [ PWR ]** Press the button on the panel or on the remote control to turn on the power. Press again, to switch off power.
- 2. AV1, AV2 Button**  
Press to select the video input mode (AV IN1 and AV IN2).
- 3. + Button**  
“+” The button is for increasing/changing the feature values under Menu.  
“-” The button is for reducing/changing the feature values under Menu.
- 4. Dome Light ON/OFF Switch**  
When the button is in ON/OFF position, pressing it will turn ON/OFF the dome light;  
When the button is in DOOR position, it will activate the door to switch dome lights.

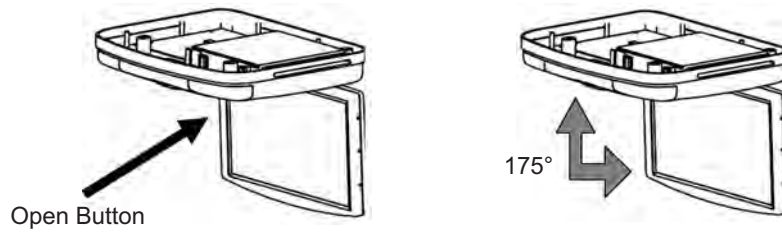
*Note:*

*This function can be operational only when the red wire of the dome light is connected to the door sensor. The dome light will switch off after the car door is closed.*

- 5. Contrast**  
Press to display Contrast value.
- 6. Brightness**  
Press to display Brightness value.
- 7. Color**  
Press to display Color value.
- 8. Display** Press to switch the display mode (wide or normal).
- 9. INFO** Press to display playback information.

## 5. LCD PANEL ADJUSTMENT

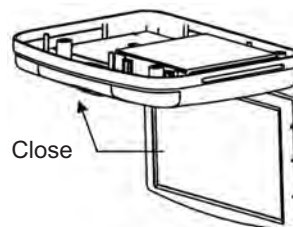
- Open the LCD panel. Press Open Button to disengage the LCD panel. Pull the LCD panel outward till the desired viewing angle.



English

### CAUTION

- The LCD display opens to a maximum angle of 175° degrees. Opening it further than that may cause damages.
- Close the LCD panel. Close manually until you hear the lock click.



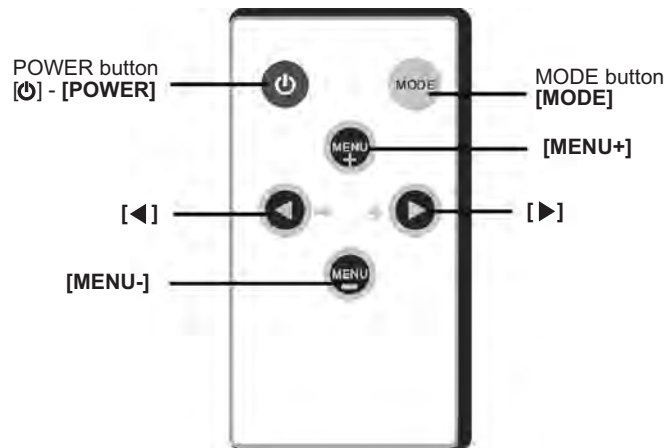
### CAUTION

- Make sure that cords and other items do not get caught in the panel when you close it.
- For your safety, be sure to close the LCD panel when not use it.



## 6. REMOTE CONTROL

English



Inside the vehicle, simply aim the IR Remote Control directly at the unit, and press any desired button for better effects.

Notes:

- Put the IR Remote Control from no further than 3 Meter on either side of the sensor.
- Direct sunlight or very bright light reduces sensitivity to the IR remote signal commands. Be sure the display is not located in direct sunlight.
- Obstruction between the remote sensor and remote control may disrupt reception.

Before using, please pull out the insulation sheet between the battery holder and the remote control.

## 7. PICTURE ADJUSTMENTS

To adjust the picture, use the menu button to select the menu features you would like to adjust. Adjustments selections are as follows.



The values of selected feature can be adjusted by pressing the “+” and “-” button on the remote control or “^” e “v” button on the panel.

English

### Display mode

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Il formato dell'immagine all'acquisto è “WIDE”

Display mode	Display	Display mode
Normal		Normal image (4:3)
Wide		Normal image are expanded uniformly in the horizontal direction and are displayed over the entire screen. (16:9)

## 8. INSTALLATION AND CONNECTIONS

### Installation instruction

English

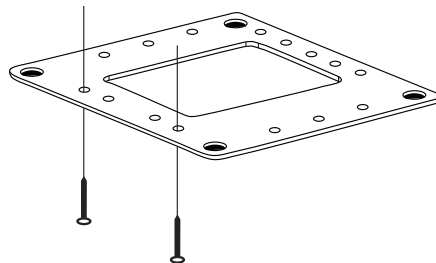
- To prevent short circuits, remove the key from the ignition and disconnect the terminal of battery.
- Make proper input and output cable connections for each unit.
- Connect the wire harness in the following order: ground wire, battery wire, ignition wire. Connect the wire harness connector with the display unit.
- Reconnect the terminal of the battery.

### Note for installation

- Do remember to connect the red wire to the ACC of the ignition switch. Or the battery charge might be drained off prematurely.
- If the fuse is opened, first make sure that the cables have not caused a short circuit, and then replace the old fuse with a new one of the same ratings.
- Do not have unconnected cables or terminals touch the metal on the car or any other conducting material.
- To prevent short circuits, do not remove the caps from unused terminals or from the ends of the unconnected cables.
- After the display unit is installed, check and make sure the brake light, blinkers, wiper, etc. on the vehicle are working properly.
- Insulate unconnected wires with vinyl tape or other similar material

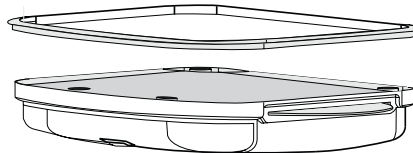
### Installation steps

1. Make sure that what kind of power system your car is. Please slide to “-” at the left position if your Vehicle’s power supply system is negative; Please slide to “+” at the right position if your vehicle’s power supply system is positive.  
Notes: 1. Please slide it to a side fully.  
2. Do not slide this switch after Place it at a position. Otherwise, it’ll be damaged.
2. To prevent short circuits, remove the key from the ignition and disconnect the terminal of battery.
3. Disconnect the original dome light.
4. Attach the metal mounting plate to the roof Using the ST 4.2\*16 screws.  
Note: Do not to cover the original dome light opening.



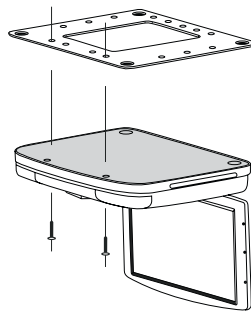
## 8. INSTALLATION AND CONNECTIONS

5. Pull out the original dome light Power wire and Signal/power Cable through the original dome light opening.
6. Place the rubber on the player 14



English

7. Connect input and output cables.
8. Connect the wire harness in the following order: ground wire, battery wire, ACC wire and door wire.
9. Attach the DVD player to the metal mounting plate using the CM 4x10 screws.



10. Reconnect the terminal of the battery.

### Notes:

- Do remember to connect the red wire to the ACC of the ignition switch. Or the battery charge might be drained off prematurely.
- If the fuse is opened, first make sure that the cables have not caused a short circuit, and then replace the old fuse with a new one of the same ratings.
- Do not have unconnected cables or terminals touch the metal on the car or any other conducting material.
- To prevent short circuits, do not remove the caps from unused terminals or from the ends of the unconnected cables.
- After the display unit is installed, check and make sure the brake lights, blinkers, wiper, etc. on the vehicle are working properly.
- Insulate unconnected wires with vinyl tape or other similar material.

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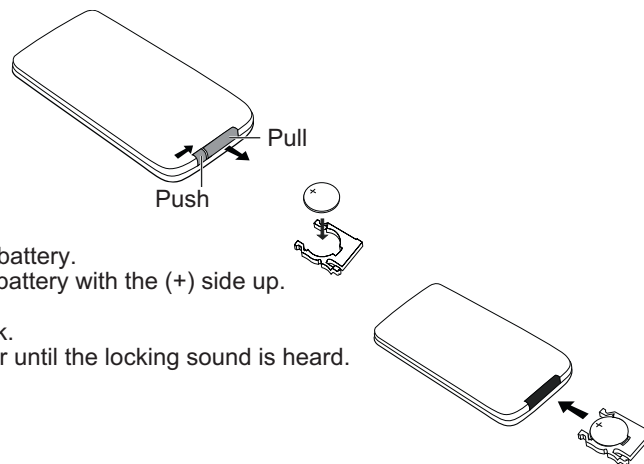
## 8. INSTALLATION AND CONNECTIONS

### Battery replacement

If the remote control does not function correctly or the operating range shortened, please replace the old battery with a new one.

English

1. Follow the arrow 1 to slide it to the right toward the battery, at the same time to pull the battery holder away from the remote control as arrow 2 instructed.

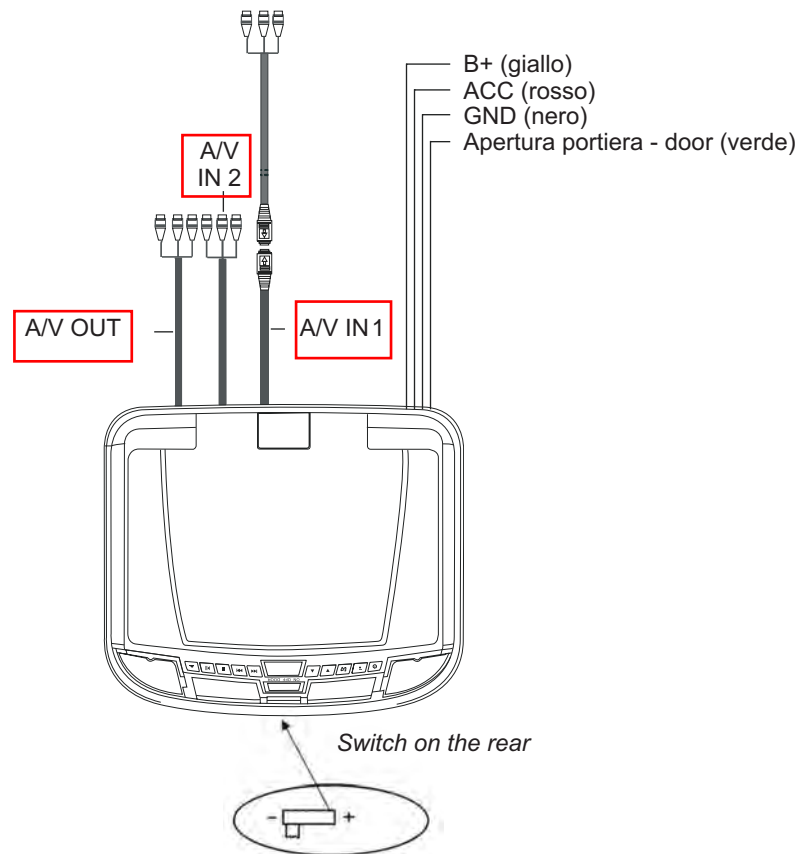


2. Replace with a new battery.  
Place a new lithium battery with the (+) side up.
3. Push the holder back.  
Push back the holder until the locking sound is heard.

#### Notes:

- Dispose used battery properly.
- Do not misuse battery by shorting the positive “+” anegative “-” terminal or throw it into fire. Overmay cause battery to explode and a fire hazard.
- Battery aKeep the remote control unit away from young children.

## 9. CONNECTIONS DIAGRAM



English

## 10. TROUBLESHOOTING

English

Problem	Cause	Solution
No picture when the display is turned on.	<ol style="list-style-type: none"> <li>1. Power wire is connected improperly or fuse blown.</li> <li>2. System cable is not on right position.</li> </ol>	<ol style="list-style-type: none"> <li>1. Check the power wire and replace the fuse.</li> <li>2. Check system cable or replace a new one.</li> </ol>
Blue picture on the screen.	<ol style="list-style-type: none"> <li>1. Interfered by short-distanced strong interference. (E.g. high voltage wire, transformation station or aircraft etc...)</li> </ol>	The reception of signal will get better when moving away from Interference.
No function on the remote control (or operating distance is shortened).	<ol style="list-style-type: none"> <li>1. The battery of remote control has exhausted.</li> <li>2. Remote control is defective.</li> </ol>	<ol style="list-style-type: none"> <li>1. Replace a new battery with same ratings.</li> <li>2. Contact with dealer and replace a new remote control.</li> </ol>
The picture on the screen is dark.	<ol style="list-style-type: none"> <li>1. The equipment locates at a low temperature area.</li> <li>2. BRIGHTNESS is set too dark.</li> </ol>	<ol style="list-style-type: none"> <li>1. This is the characteristic of LCD display in low temperature, it will restore to normal brightness after starting the display for few minutes.</li> <li>2. Check BRIGHTNESS adjustment.</li> </ol>
No sound can be heard from the IR wireless headphone.	<ol style="list-style-type: none"> <li>1. Headphone is not switched on.</li> <li>2. The battery in the headphone is low.</li> <li>3. There is object blocking the transmitting module or beyond the effective receiving area.</li> </ol>	<ol style="list-style-type: none"> <li>1. Switch on the headphone.</li> <li>2. Replace the battery.</li> <li>3. Remove the blocking object or move back to the receiving area.</li> </ol>

## 12. SPECIFICATIONS

POWER SOURCE	CAR BATTERY (DC +10.5V ~ +16V)
OPERATING VOLTAGE	DC +12V
MECHANISM	manual open / close
DISPLAY ANGLE	vertical adjustable: up/down <175°
OPERATING CURRENT	<1.2A (dome light off)
DOME LIGHT	5W X 2
OPERATING TEMPERATURE	0° C to 55° C
STRNGAGE TEMPERATURE	-20° C to 60° C

English