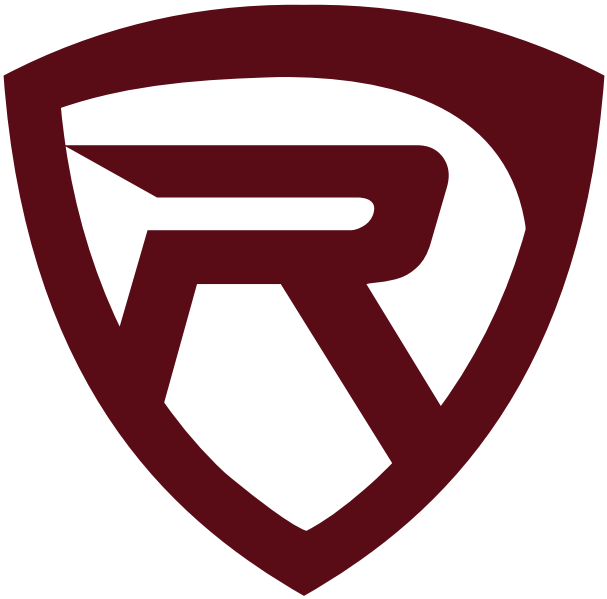
ROCKVILLE



RVD13-HD
RVD15-BGB
RVD17-HD

FLIP DOWN ROOF MOUNT HIGH DEFINITION LCD MONITOR WITH DVD PLAYER

OWNER'S MANUAL

Thank you for purchasing this Rockville Flip Down Roof Mounted High Resolution TFT LCD Monitor with DVD Player and Multimedia input.

We are very proud to bring you what we consider to be the absolute best value in mobile audio products. The Rockville RVD-HD series are called true all in one because the DVD player and a load of entertainment options are all included in one chassis. This all-in-one monitor is easy to install since you do not have to wire a separate DVD player. The DVD player will play all your favorite files including DVD/VCD/MP3/WMA/MP3/MP4/CD.

We have spared no expense in manufacturing RVD-HD series Flip Down Monitors to meet the highest quality standards. With proper care and installation this unit will provide you with the highest levels of sound quality. We hope that this unit will bring you years of performance and reliability.

Please read this installation guide carefully for proper use of your Rockville Flip Down Roof Mounted High Resolution TFT LCD Monitor with DVD player and multi media input. Should you need technical assis tance during or after your installation please call our technical help line at 1-646-758-0144, Monday through Friday, 9am to 5pm EST.

ATTENTION!

IMPORTANT INFORMATION REGARDING YOUR RVD UNIT.

RVD13HD, RVD15BGB, RVD17HD POWER BUTTON FUNCTIONS:

- Press once to turn unit ON.
- While unit is on, press quickly to swith to AV/DVD/HDMI mode.
- While menu is on screen, press to cycle through menu items.
- Press and hold for 3.5 seconds to turn unit OFF.

RVD13HD, RVD17HD MENU BUTTON FUNCTIONS:

- Press the MENU button to bring up the main MENU, press again to go back to the previous menu or exit the menu screen.
- In DVD mode, press and hold for 3 seconds to switch to USB, SD, or Disc mode.

RVD13HD, RVD15BGB, RVD17HD RESET:

- Turn the engine key to the “OFF” position
- Unplug the wire harness for five seconds. This will engage a full reset.
- Re-plug the harness.
- Turn the engine key to the “ACC” or “ON” position
- Press and hold the power button for 3 seconds
- The unit will turn on.
- If this procedure does not resolve your issue, please contact customer service for further assistance.

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Precautions

- To minimize the risk of improper installation Rockville recommends that the installation of this product be performed by an MECP-Certified professional installer.
- Improper installation may cause damage to the vehicle or injury to the driver and occupants.
- Installation must be performed in accordance with this product installation manual. Rockville is not responsible for damage or injuries resulting from installation not performed strictly in accordance with the procedures described in this manual.
- Proper installation of this product may require the use of mounting hardware not included.
- Use only new, unused and properly-sized fasteners to install this product. Do not use previously installed or worn fasteners.
- No modifications to the product or mounting hardware are permitted.
- This product is designed to be used and viewed by rear seat passengers only. The monitor screen must not be visible to the driver. Viewing by the driver while operating the vehicle is not recommended.
- Rockville does not recommend connecting wires or cables to auxillary connectors while the vehicle is in motion.
- This product must not obstruct the driver's rear view when installed or used.
- Rockville bears no liability for any property damage or personal injury that may result from improper or unintended installation or use of this product.

Powering the Unit

- Turn the engine key to the “ACC” or “ON” position
- Press and hold the power button for 3 seconds
- The unit will turn on.
- When the engine key is turned to the “OFF” position, the unit will turn off.

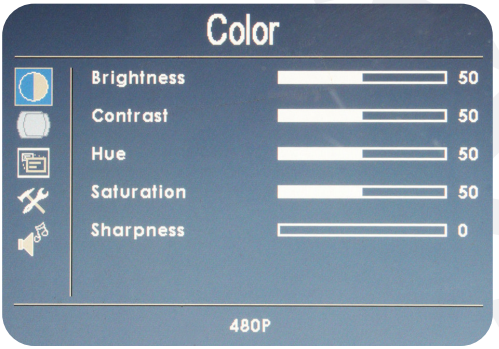
Tip: If the unit does not turn on, check to ensure all wires are connected properly. It is strongly suggested you seek out the help of a professional when installing.

Tip: Most functions can be accessed from the control panel, but more in-depth functions can only be performed with the remote.

User Interface

Unit Settings

- Adjust the unit settings for optimal playback.
- Selected items are highlighted by blue box.



Tip: To display content from an external device, use the AV/IN option found on the control panel and remote.

Switch Media Devices

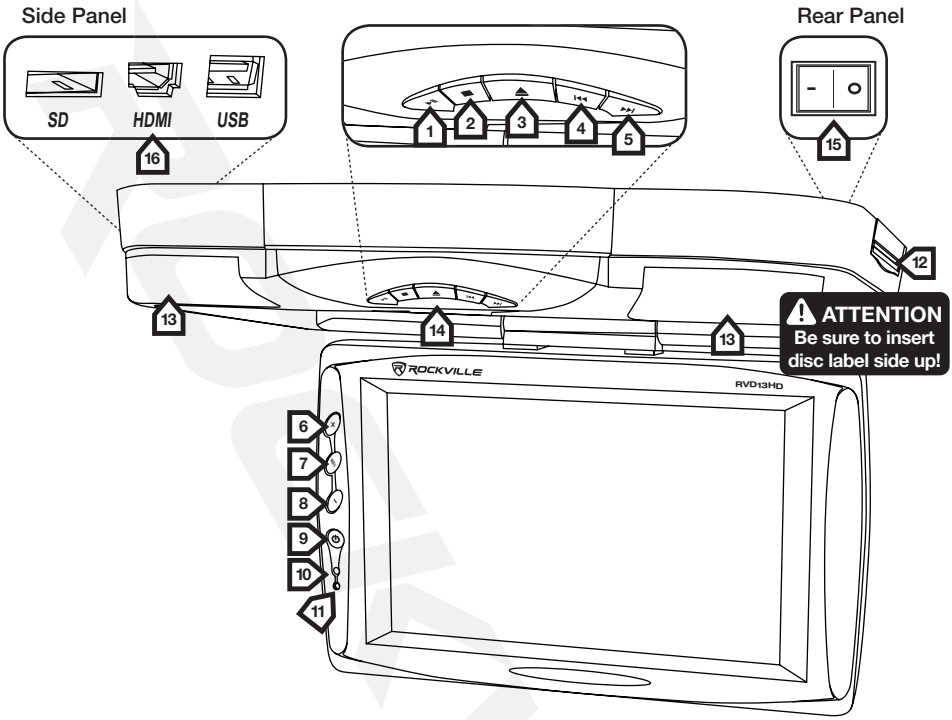
- Press the “USB/SD“ button to switch between Disc, SD, and USB devices.

Tip: Refer to DVD and USB/SD sections for a list of playable media formats.

Media Files

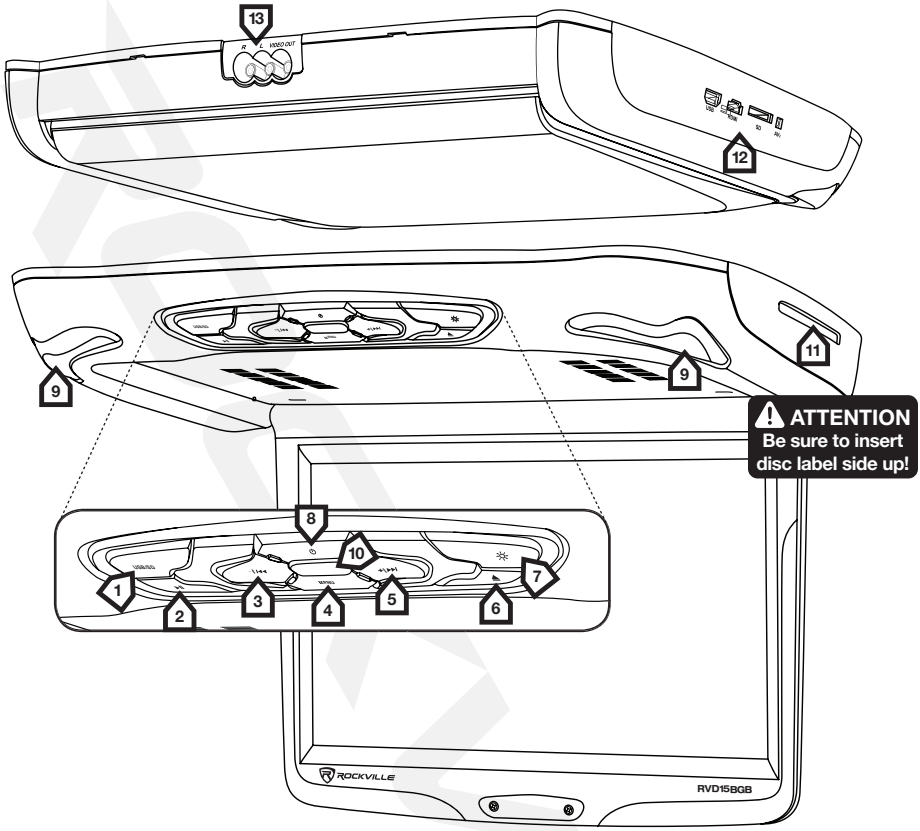
- Browse the files stored in connected SD or USB device.

RVD13HD Control Panel



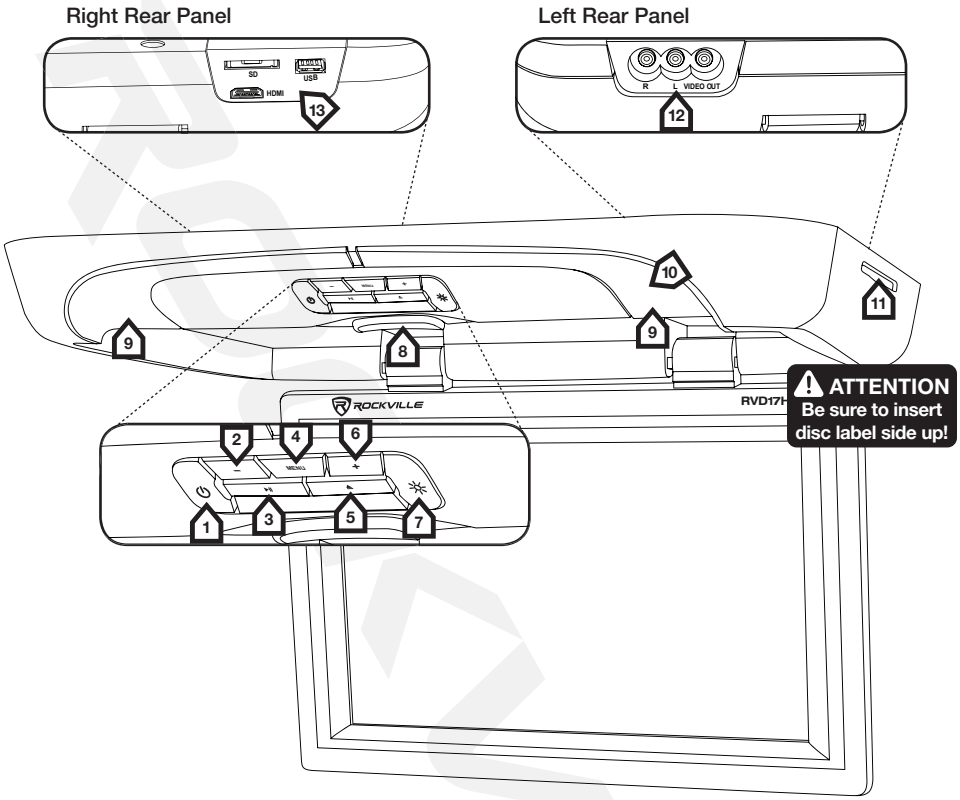
1	Play/Pause	Press once to play and pause content.
2	Stop	Press once to stop content.
3	Eject	Press quickly to eject disc.
4	Skip Back	Skip to previous chapter, song, picture, page, or video
5	Skip Forward	Skip to next chapter, song, picture, page, or video
6	+	Press to adjust selected menu item value.
7	Menu	Press the MENU button to bring up the main MENU, press again to go back to the previous menu or exit the menu screen. In DVD mode, press and hold for 3 seconds to switch to USB, SD, or Disc mode.
8	–	Press to adjust selected menu item value.
9	Power Button/ AV-DVD Mode	Press once to turn unit ON. While unit is on, press quickly to swith to AV/DVD/HDMI mode. While menu is on screen, press to cycle through menu items. Press and hold for 3.5 seconds to turn unit OFF.
10	IR LED	Remote control sensor.
11	Power LED	Indicates unit status.
12	Disc Drive	Insert DVD or CD to access media content.
13	Dome Lights/IR Transmitter	Super bright dome lights. Also houses IR transmitter for wireless headphones (sold separately).
14	Monitor Release Button	Press to release the screen.
15	Dome Light Switch	Turn dome lights on or off.
16	Multimedia Inputs	SD/HDMI/USB

RVD15BGB Control Panel



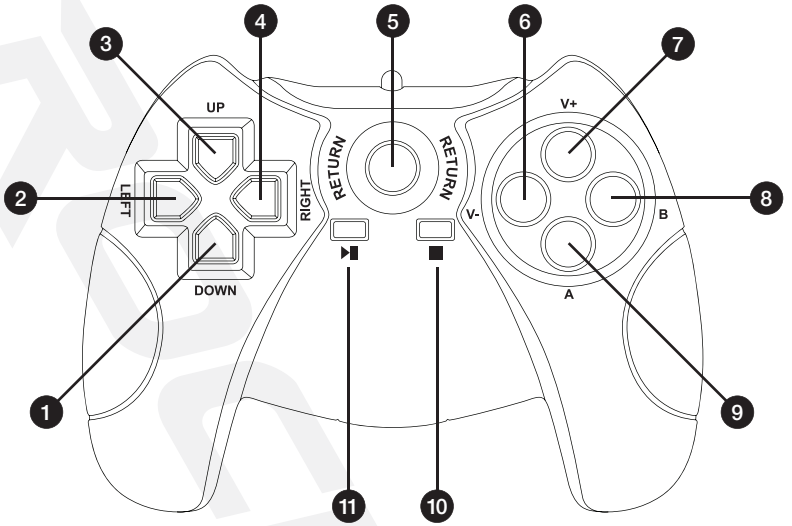
1	USB/SD Button	Press once to switch between USB and SD mode.
2	Play/Pause	Press once to play and pause content.
3	— /Skip Back	Press to adjust selected menu item value. In Disc/USB/SD mode press to skip to previous chapter, song, picture, page, or video.
4	Menu/Return	Acces and adjust unit settings. When in settings menu, press to return to main menu.
5	+ /Skip Forward	Press to adjust selected menu item value. In Disc/USB/SD mode press to skip to next chapter, song, picture, page, or video.
6	Eject	Press quickly to eject disc.
7	Dome Light Button	Turn dome lights on or off.
8	Power Button/ AV-DVD Mode	Press once to turn unit ON. While unit is on, press quickly to swith to AV/DVD/HDMI mode. While menu is on screen, press to cycle through menu items. Press and hold for 3.5 seconds to turn unit OFF.
9	Dome Lights/IR Transmitter	Super bright dome lights. Also houses IR transmitter for wireless headphones (sold separately).
10	Power LED/IR LED	Indicates unit status/remote control sensor.
11	Disc Drive	Insert DVD or CD to access media content.
12	Multimedia Inputs	USB/HDMI/SD/AV 2
13	Output	L & R Audio/Video

RVD17HD Control Panel

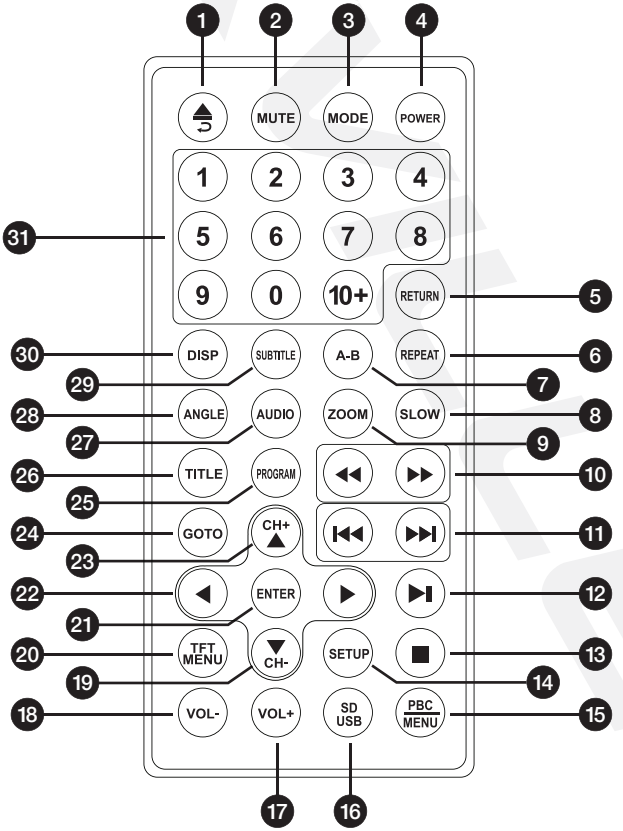


1	Power Button/ AV-DVD Mode	Press once to turn unit ON. While unit is on, press quickly to swith to AV/DVD/HDMI mode. While menu is on screen, press to cycle through menu items. Press and hold for 3.5 seconds to turn unit OFF.
2	— /Skip Back	Press to adjust selected menu item value. In Disc/USB/SD mode press to skip to previous chapter, song, picture, page, or video.
3	Play/Pause	Press once to play and pause content.
4	Menu	Press the MENU button to bring up the main MENU, press again to go back to the previous menu or exit the menu screen. In DVD mode, press and hold for 3 seconds to switch to USB, SD, or Disc mode.
5	Eject	Press quickly to eject disc.
6	+ /Skip Forward	Press to adjust selected menu item value. In Disc/USB/SD mode press to skip to next chapter, song, picture, page, or video.
7	Dome Light Button	Turn dome lights on or off.
8	Monitor Release Button	Press to release the screen.
9	Dome Lights/IR Transmitter	Super bright dome lights. Also houses IR transmitter for wireless headphones (sold separately).
10	Power LED/IR LED	Indicates unit status. Remote control sensor.
11	Disc Drive	Insert DVD or CD to access media content.
12	Output	L & R Audio/Video
13	Multimedia Inputs	USB/HDMI/SD

Game Controller



Remote Control



Game Controller Fucntions

1	Down	Move down
2	Left	Move left.
3	Up	Move up.
4	Right	Move right.
5	Return	Return to main menu.
6	Volume –	Press to decrease volume.
7	Volume +	Press to increase volume.
8	Function A	Game function A.
9	Function B	Game function B.
10	Stop	Stop game.
11	Play/Pause	Press once to play and pause game.

Remote Control Functions

1	Eject	Press to eject disc.
2	Mute	Press to mute volume.
3	Mode	Switch between DVD/AV/HDMI mode.
4	Power	Turn unit on and off.
5	Return	Return to previous menu.
6	Repeat	DVD: Repeat entire chapter or title. CD: Repeat track or entire disc.
7	A-B	Press during playback to set repeat playback between A and B.
8	Slow	slow playback to 1/2,1/4,1/6, and 1/8 speed.
9	Zoom	Zoom in or zoom out of picture on screen.
10	RWD/FWD	Scan forward and backward through pictures or audio.
11	Previous/Next	Skip to previous/next chapter, song, picture, page, or video.
12	Play/Pause	Press once to play and pause content.
13	Stop	Press once to stop content.
14	Setup	Press to enter and exit setup menu.
15	PBC/Menu	Display the DVD's menu on screen. Show playback controls.
16	SD/USB	Press to switch between SD and USB mode.

17	Volume +	Press to increase volume.
18	Volume -	Press to decrease volume.
19	CH-	Move backwards through channels.
20	TFT Menu	Press button to display the LCD menu screen.
21	Enter	Press to confirm settings.
22	Cursors	Move cursor up, down, left, and right.
23	CH+	Move forward through channels.
24	Go-To	Selects time/chapter to go to.
25	Program	Use this button to program unit.
26	Title	Displays DVD title.
27	Audio	Switch audio languages.
28	Angle	Switch picture angle.
29	Subtitle	Switch subtitle languages.
30	Disp	Displays disc information.
31	Number Pad	Use to input numbers.

DVD

Getting Started

- Insert the DVD, **label side up**, into the disc drive.
- Wait for the DVD to load.
- Navigate the DVD menu for options.

Control

- Play/pause and navigate through the DVD menu options using the designated buttons found on both the control panel and the remote.

Playable Discs

- DVD
- DVD-CD
- CD-R
- CD-DA
- DVD-R
- CD
- CD-RW
- SV-CD

USB/SD

Unit Settings

- Insert USB device or SD card into the designated slots (see pages 5 – 7 for slot locations).
- Wait for the unit to load content.
- Browse files using the designated commands on the unit remote.

Playable Media Formats

- **AUDIO:** MP3, WMA, WAV
- **VIDEO:** MP4, AVI, WMV, VCD
- **PHOTOS:** JPG
- **GAMES:** NES
- **BOOKS:** TXT

Tip: Video from a USB/SD is controlled the same way as DVD.

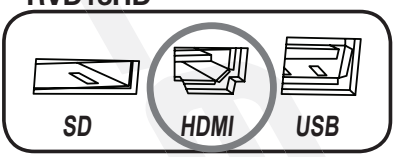
HDMI Input (all units)

Connect HDMI output to the HDMI input of the unit via an HDMI cable (not included).

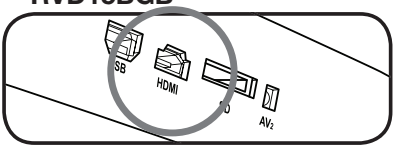
Supported video modes:

- 1080P
- 720P
- 576P
- 1080I
- 480P

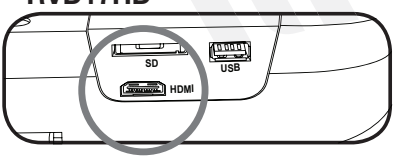
RVD13HD



RVD15BGB



RVD17HD



Advanced Functions

Picture Contol via Unit

- Press the MENU button on the unit to bring up the on-screen picture control menu.
- Select the desired sub-menu (COLOR, OSD, FUNCTION, and SOUND) by pressing the power button on the unit.
- Press +/- to enter and adjust sub-menus.
- Press the MENU button to return to the previous menu.

Picture Contol via Remote Control

- Press the TFT MENU button on the remote to bring up the on-screen picture control menu.
- Select the desired sub-menu (COLOR, OSD, FUNCTION, and SOUND) by pressing the ▲ / ▼ buttons.
- Press ◀ / ▶ buttons to enter and adjust sub-menus.
- Press the TFT MENU button to return to the previous menu.

FM Transmitter Setup via Unit

- Press MENU button.
- Press POWER button.
- Press +/- buttons to select SOUND CONTROL from the menu.
- Press POWER button again, then press +/- buttons to select the FM menu.
- Press POWER button and use +/- to select the FM frequency.
- Use MENU key to return to previous menu.

FM Transmitter Setup via Remote

- Press MENU button.
- Press ▲ / ▼ buttons to scroll to SOUND CONTROL menu.
- Press ◀ / ▶ buttons to select SOUND CONTROL.
- Press ▲ / ▼ buttons to scroll to FM menu.
- Press ◀ / ▶ buttons to select FM.
- Press ▲ / ▼ buttons to scroll to FM frequency menu.
- Press ◀ / ▶ buttons to select the desired FM frequency.
- Press the TFT MENU button to return to the previous menu.

Game Mode

- Insert the game disc into the disc drive and wait for it to load.
- Once main menu is displayed, use the ▲ / ▼ / ◀ / ▶ keys on the remote control or the multidirectional pad on the game controller to navigate through games. Press ENTER on the remote or START on the controller to begin game.
- If using remote control to play game, use the ▲ / ▼ / ◀ / ▶ on the remote to control game play. Use the ENTER key to confirm function of item in game.
- Use the RETURN key to exit game.

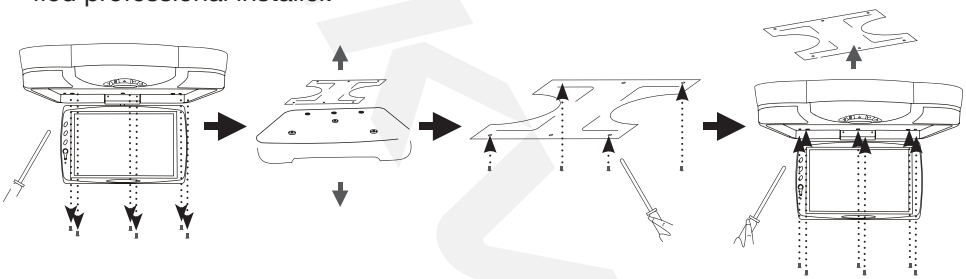
Installation Guide

Install Instructions (all units)

- To prevent short circuits, remove key from the ignition and disconnect the RED (+12V) cable from battery terminal.

1. Disconnect the original dome light.
2. Detach metal mounting plate from Rockville unit. Release the screen from its locked position to access the necessary screws and set them aside.
3. Attach the metal mounting plate to the roof using the screws provided. Make sure screws attach to interior roof liner.
4. Connect ground wire harness in the following order:
   Ground wire (black)
   ACC wire (red)
5. Attach the unit to the metal mounting plate using the screws removed in step 3.

- Connection may vary depending on vehicle make and model. Rockville recommends that the installation of this product be performed by an MECP-Certified professional installer.



WARNING:
• Be careful not to screw and puncture the exterior roof.
• Use only the screws supplied.

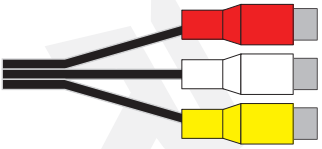
Install Precautions

- This unit should be install by a qualified technician or service personnel.
- This product is designed to operate with a 12V DC, grounded battery system.
- Disconnect the ground wire from the battery terminal before connecting this unit to the electrical system.
- Use proper insulation and fastening materials to prevent electrical short-circuiting.
- Do not connect the red wire of this product directly to the battery terminal. Remember to connect the red wire of this product to the ACC of the ignition key switch. Failure to do so may result in draining of the battery charge prematurely.
- Do not install this product at a position that may cause injuries to the passenger(s) during an accident.
- Due to different car specifications, please ensure that the display monitor is suitably located.
- Do not install this product at a declining angle exceeding 30°.
- Do not install screws over plane surface which may affect monitor ejector retract function.

Installation Notes

ROCKVILLE

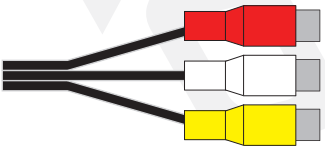
WIRING RVD13HD



AV In

- Left audio input
- Right audio input
- Video input

Tip: **AV In** - Use these to connect an external media deice such as a camera, game console, etc.



AV Out

- Left audio output
- Right audio output
- Video output

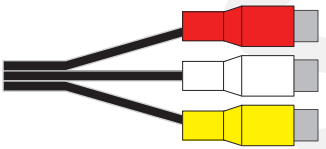
Tip: Use these to project the display onto external screens such as the head-rest monitor.

- Black = ground
- Red = constant +12V

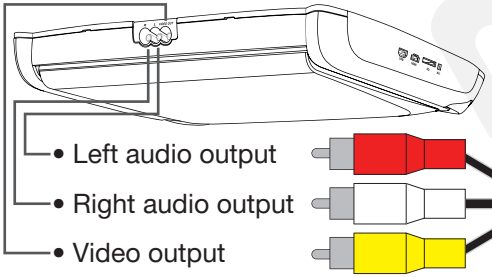
- Connect the black lead to any bare metal surface on the car chassis or the dome light ground wire.
- Connect the red lead to 12 volt ACC wire.

WIRING RVD15BGB

AV In



- Left audio input
- Right audio input
- Video input



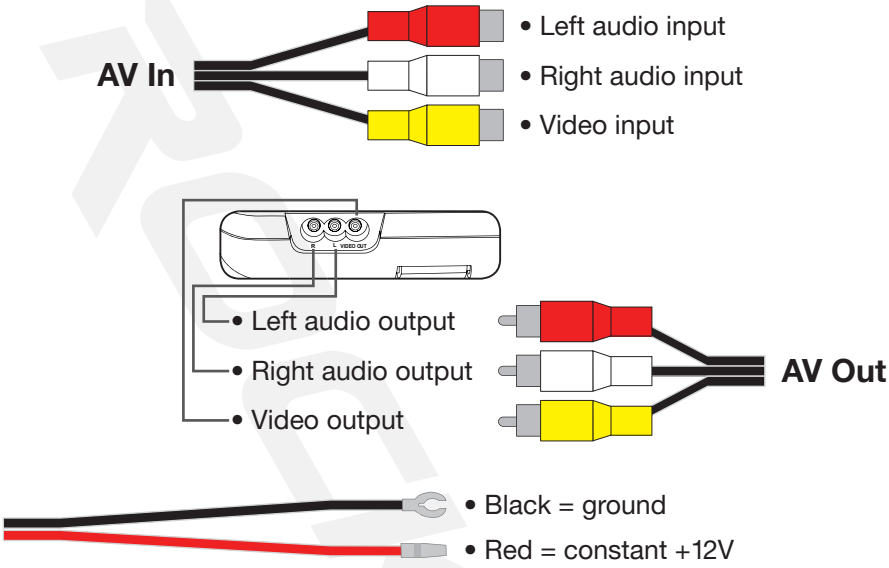
- Left audio output
- Right audio output
- Video output

AV Out

- Black = ground
- Red = constant +12V
- Black = domelight ground wire
- Red = domelight +12V wire

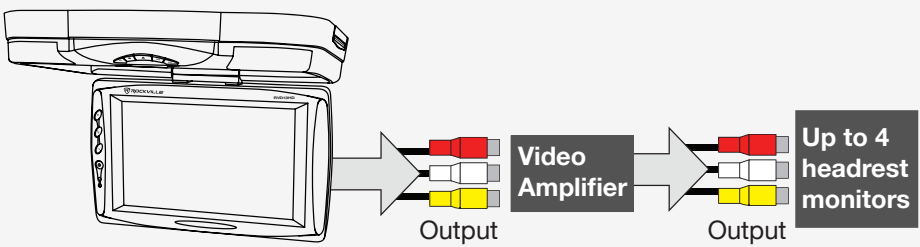
- Connect the black lead to any bare metal surface on the car chassis.
- Connect the red lead to the 12 volt ACC wire.
- The red/black wires connect to the vehicle's domelight's pos & neg leads. The unit's lights will now function as the vehicle's domelight. Please note, this connection is optional.

WIRING RVD15BGB



- Connect the black lead to any bare metal surface on the car chassis or the dome light ground wire.
- Connect the red lead to 12 volt ACC wire.

Note: When outputting to more than 1 external display, the use of a video amplifier is recommended to preserve picture quality (refer to diagram below).

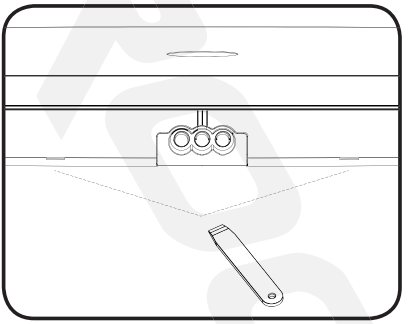


Video amplifier NOT INCLUDED

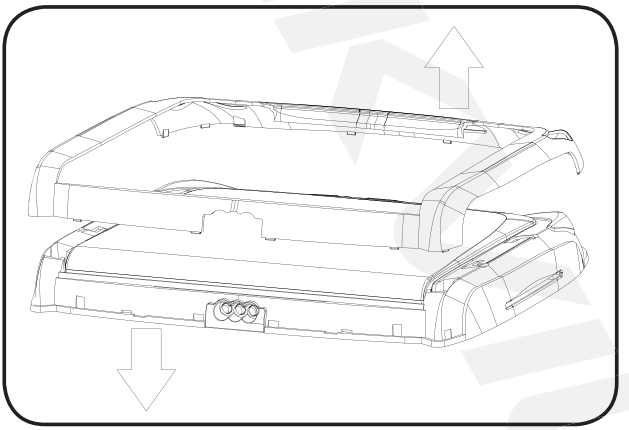
Interchangeable Covers, RVD15BGB

Chassis Cover

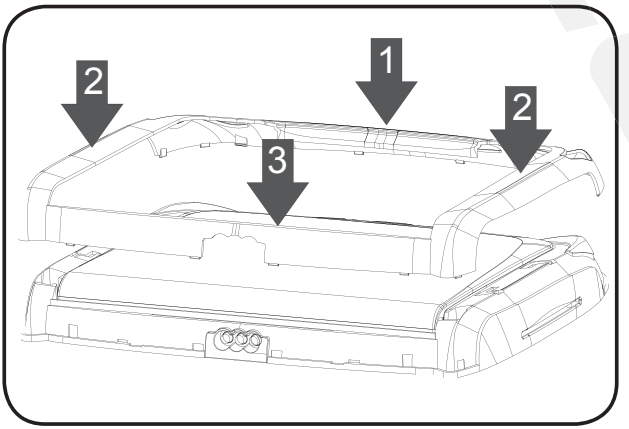
1. Remove the unit from vehicle roof and place on a flat surface. Remove the chassis cover using the included removal tool. Insert the tool into the slot found to the left and right of the AV outputs on the rear of the unit to release the cover.



2. Carefully pull the cover up and away from the chassis.



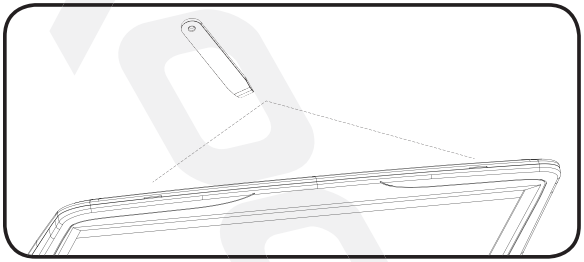
3. Attach the new cover to the chassis as shown in the diagram below. Be sure to secure the contact points in the order shown.



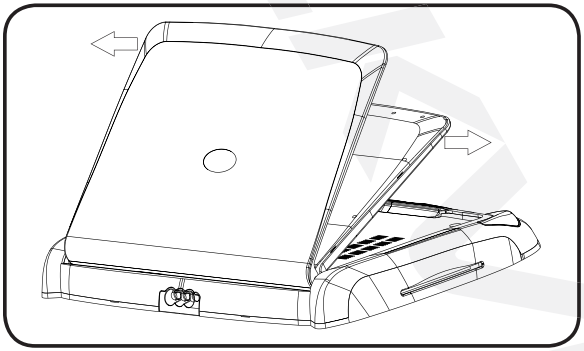
Interchangeable Covers, RVD15BGB

Screen Cover

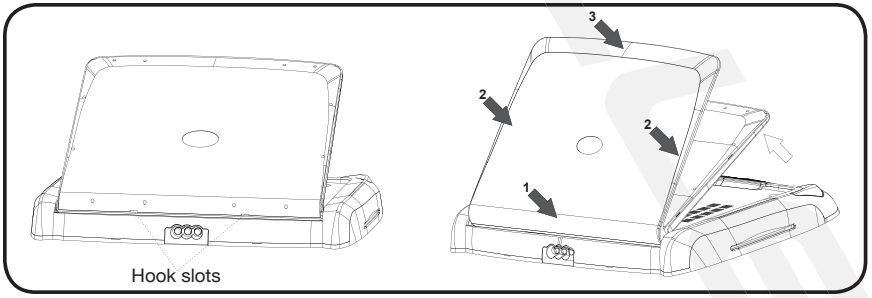
1. Remove the unit from vehicle roof and place on a flat surface. Remove the screen cover using the included removal tool. Open the screen to approximately a 45 degree angle. Insert the tool into the slots found on the top edge of the screen to remove the cover.

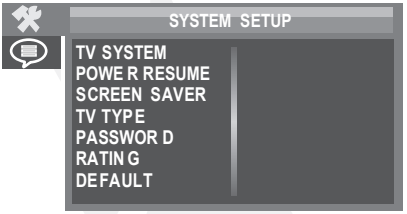


2. Carefully pull the cover away from the screen.



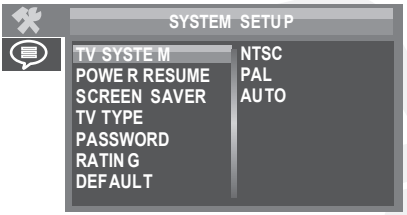
3. To attach the new cover to the screen, align the hooks on the cover to the corresponding slots on the outside bottom of the screen. Be sure to secure the contact points in the order shown.





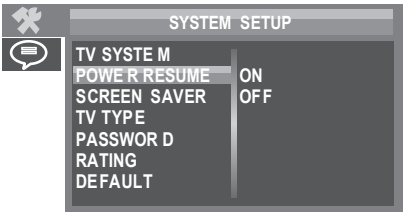
Enter System Set-up

Press set up button and use arrow keys to select SYSTEM SETUP.



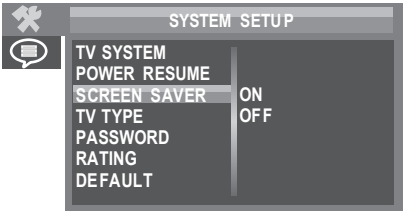
Display Mode

Select TV SYSTEM from menu . Choose between PAL, NTSC, or Auto. The Auto function will automatically switch between PAL and NTSC.



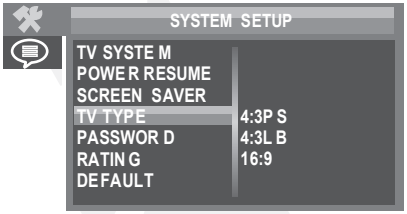
Power Resume

Turn on POWER RESUME ans the unit will automatically power up when you start your vehicle.



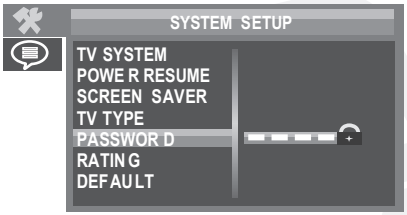
Screen Saver

Turn SCREEN SAVER feature on and off.



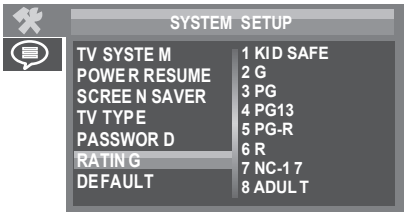
TV Type

Set the proper TV aspect ratio.



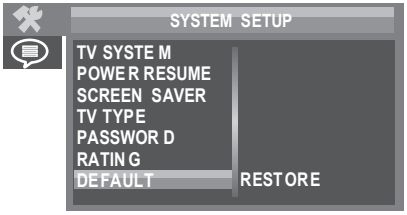
Password

In this menu you can set the parental lock password using four numbers. The default password is 0000. If you happen to forget your password, use the default password to unlock and reset.



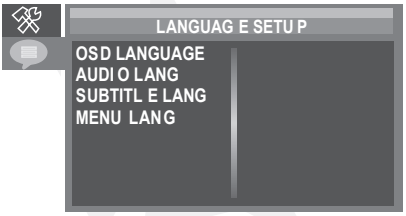
Ratings

Here you can set the types of content allowed based on MPAA ratings. If the parental lock is set, you will need four digit code to change this.



Defaults

Restore factory settings.



Language Set-up

Press set up button and use arrow keys to select SYSTEM SETUP.

OSD Language

Select OSD LANGUAGE to set the unit display language.

Audio Lang

Select AUDIO LANG to set the language output for discs.

Subtitle Lang

Select SUBTITLE LANG to set the subtitle language for discs.

Menu Lang

Select MENU LANG to set the disc's menu language.

Troubleshooting

No display	Check for loose or disconnected cables. Check input mode settings on the on-screen menu. Check ground cable. Make sure the area it is attached to has no rust or corrosion and is clean. Make sure ground connection is very tight and secure.
No sound/distorted sound	Check for loose or disconnected cables. Try using different FCA cables. Check audio ouput menu settings.
No power	Check for loose or disconnected cables (power and ground). Check for blown fuses. Make sure to replace fuse with one of the same type.
Poor quality playback	Check the disc for scratches. Clean the disc if needed.
Disc Error is displayed on screen	Turn the unit off and then back on. Check that the disc has been inserted properly: label side up. Check that the disc is in the proper format. Check region settings (PAL/NTSC).
Remote control does not work	Check for any obstructions between the remote and the remote sensor on the unit. Check the remote battery. Bring the remote closer to the unit. Make sure you've removed the plastic tab from the battery compartment.

Roadmile

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