

AVRover SFS 200 Sound Video Systems

Sound Video System 200
User's Guide 2007



Sound Video Systems, LLC

Manufacturing Your Presentation Solution

800-724-0236
www.AVRover.com

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Important Information

With proper care, Sound Video Systems' presentation console will provide you with many years of trouble-free operation.



Warnings:

- The projector inside the console is a high-brightness light source. Do not stare directly into the light and do not allow children to look directly into the light.
- To reduce the risk of fire or electric shock, do not expose this product to rain or moisture. Do not expose the console to dripping or splashing liquids.
- Do not place any object that has an open flame or is filled with liquid on the console. Avoid keeping beverages on top of the console.
- This console has a three-wire grounding-type plug. This plug only fits into a grounded power outlet or extension cord. Do not remove third prong or try to fit into a standard outlet. Contact an electrician to replace outlet if needed.
- To prevent tripping hazards and damage to cables, coil any extension cable that exits the console onto the cable wrap, especially during storage or transport.
- Do not plug unnecessary item in auxiliary power outlet. The outlet is intended for laptop and document camera only. The system and the additional load may overload the system power surge.
- Use caution when attempting to open the rear door of the AV Rover, as wires are attaching the unit to the rear door. Removing the rear door without attention to the attached speaker and amplifier wires will damage the system.

- Unplug the console during electrical storms or if it won't be used for a long period of time.
- Unplug the console from the wall before you install any additional components or perform any maintenance. In addition, make sure your peripheral devices aren't on when you're making cable connections.
- Don't lift the console by the counter top surface. If you need to lift the unit for travel purposes, lift from the bottom, using your legs to avoid personal injury or damage to the unit.

Components of the Presentation Console



Getting Started

Sound Video Systems' presentation console is a rugged rolling unit (35" high) with all of its components securely mounted inside. Using the presentation console is as easy as rolling it into place, plugging it into an electrical outlet, and turning it on. There are no doors to open, no shelves to deploy, and no need to find the remote

controls since all component controls are easily accessible, including the projector that is securely mounted on an easily-adjusted, tilting shelf.

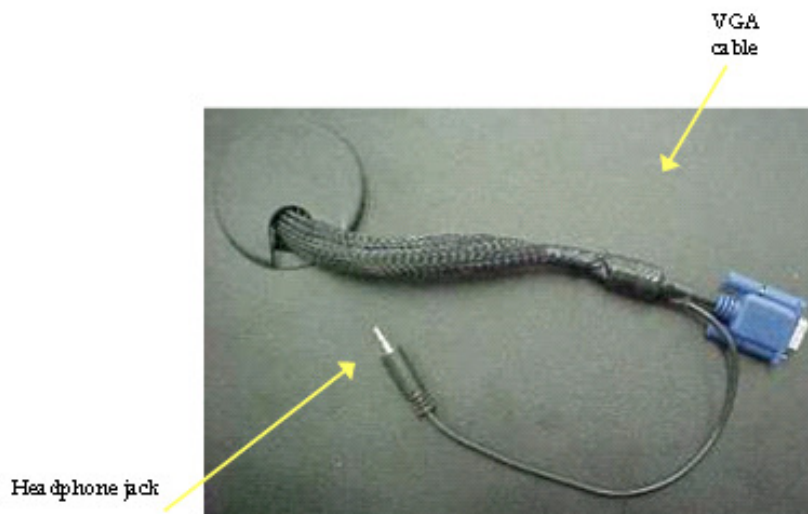


Using the Console

Because the cabinet is mobile, you can easily wheel it to any location for a presentation. Once in place, you're now able to access the devices to deliver your multimedia presentation.

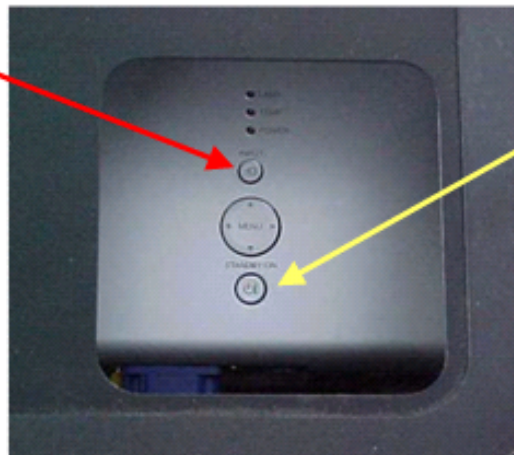
Connecting a User's Laptop

The Sound Video System comes equipped with the cables needed to use a laptop. Connect the VGA cable to the 15 pin monitor jack on your laptop and the audio cable to the headphones jack.



Powering up the Sound Video System

1. **Turn on the projector** – After plugging the unit into the electrical outlet, turn on the projector. Press the power button shown through the top of the console.
2. **Video Input** – The projector will display which video output it is currently utilizing. To select the option you want to use, (eg. Computer, VCR, DVD) press the “input” or “source” button until your desired video source is showing.



Please note that different models of projectors have different features and controls. Consult the projector manual for more specific information. Example shown above is menu for Hitachi projector.

Adjusting a Lopsided Image

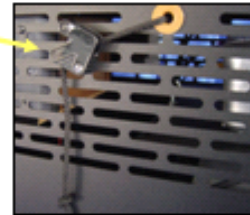
If the image is lopsided, rotate one side of the console forward or backward. If that doesn't resolve the issue, you may need to adjust the keystone. See projector manual for instructions.

Adjusting the Image

While you're trying to center the rectangular image, please note that it is not always possible to get a perfectly square image. This is because the screen, projector, console, and floor are independent, physical variables.

Adjustment Pull Cord

- When centering the image stand behind the console.
- Using the adjustment pull cord on the side of the console, raise or lower the image by pulling the cord. Lock it into place by pulling the cord downward.
- Moving the cabinet left or right will adjust the horizontal alignment.
- To make the image larger, move the console backward, and likewise move the console forward to make the image smaller.
- The zoom lens will allow you to set the zoom to near maximum. This will give you the largest image at the shortest distance, leaving a small portion of the zoom to make final adjustments.



Projector & Combo Installation Instructions

Combo Installation

- Install Combo by removing the combo shelf using the security bit provided (taped to combo shelf). Mount the combo on the shelf with double stick tape or other suitable means. Combo height must be less than 3.5" to fit into the system. Mount shelf to rack rails as it was when shipped. Laying system on its back side may facilitate mounting the shelf.

Projector Removal

- Remove projector mount by removing the projector face panel and the projector mount assembly with the security bit provided. Note the adjustment cord configuration and undo from the cleat end. This will allow the mount assembly to be removed. It may be necessary to disconnect the microphone cable from the amplifier to completely remove the shelf.
- The projector is attached to the projector mount with machine screws that can be removed with an Allen wrench. Note the position of the spacers before removing the projector from the mount. Service can now be performed on the projector.

Projector Installation

- Use T-27 bit (located in accessory package) to remove 8 security screws that secure back door. Gently remove door from unit (approximately 4 to 5 inches) and disconnect speaker wires from speaker located on rear door.
- Disconnect wires from MIC 1 input located on right side of amp.
- Untie rope from D-ring located under top panel.
- Loosen and remove coax cable from projector mount. Once removed, move to front of unit.
- Use T-20 to remove security plate and projector mount.
- Set projector upside down with lens facing out and away from you.
- Align lens in middle of mounting plate, or as close as possible.
- Align mounting holes on bottom of projector with slots on mounting plate.
- If projector does not lay flat on mounting plate, use spacers to help level projector.
- Install projector mount assembly and security plate onto rack rails.
- Laying system on its back side may facilitate mounting the shelf. Loop rope through D-ring and then through eye bolt, and then back through D-ring. Tie knot and make sure that projector has full range of motion (up and down).
- Attach yellow video cable (that is provided) to projector. Plug power cord from projector and combo to power strip. Attach coax cable to projector mount. Re-connect wires from XLR jack (located on projector mount) into Mic. 1 input, which is located on right side of amp. (red, black, ground). Connect VGA cable to projector. Slide cable jacket (provided) over the VGA cable and the laptop audio cable. Make sure all cords and cables are reconnected before you put power to unit.

If you have any questions or concerns please call Sound Video Systems of WNY, LLC at (800) 724-0236. Thank you for your business and enjoy your AV Rover!

Using the Components

The Sound Video System comes equipped with an amplifier, cable TV input, and microphone input jack.

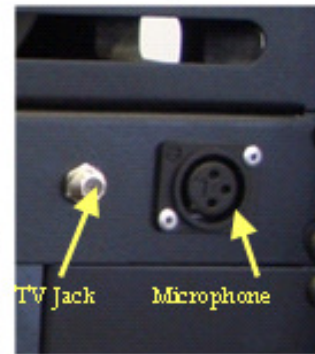
Amplifier

If the red LED is not already lit, located above the power button, press the button to the “on” position. Once “on,” the red LED should light on the amplifier.



Microphone

Connect the microphone to the input shown. Some microphones have on/off switches on their handles. Verify that it is turned on. The microphone will be ready to use as soon as it is plugged in. The microphone has been programmed into the system to override any other audio output. Therefore, when you speak into the microphone, any other sounds that were playing will stop and the voice will be heard through the speakers. Adjust the microphone volume control on the amplifier.



Using a Computer

1. Connect the pull out cables to the computer and power the projector and the PC as described above.
2. If the computer's image is not already displaying on the projector, press the "Video Input or Source" button. The projector should now display the image of the connected computer.

Playing a VHS Cassette

1. Power up the projector as described in the above procedure.
2. Turn on the VCR. The power button is on the left side of the player.
3. If the VCR mode is not already displaying, on the projector, press the "Video" button until the image shows a blue screen with Channel 2 in the corner.
4. Insert your tape into the VCR.
5. Use the VCR controls to rewind, fast forward, or play your tape.
6. Adjust the volume using the VCR Volume Control knob on the amplifier.
7. When finished, eject your tape, and power down the VCR.





DVD PLAYER

Playing a DVD

1. Power up the projector as described in the above procedure.
2. Turn on the DVD player. The power button is on the left side of the player.
3. Insert the DVD disk into the DVD player.
4. Use the DVD controls to rewind, fast forward, or play your tape.
5. Adjust the volume using the DVD Volume Control knob on the amplifier.
6. When finished, eject your DVD, and power down the player.

Tuning off the System

1. Shut down the computer as you normally would power down a computer.
2. Press the power button twice to turn off the projector. The projector will 'rev' up its fan and then shutdown completely. This may take a few moments, but be sure the projector does shut down.
3. **DO NOT** unplug the system's power cord until the projector fan has stopped. Moving the system while the projector is still hot may cause damage to the lamp.
4. Press the power buttons on the DVD/VHS and amplifier to completely shut down the unit.

Troubleshooting

Problem	Check
No picture and no sound or projector does not start.	<ul style="list-style-type: none"> • System power cord is not plugged into the wall outlet. • Power to the external connected devices is off. • The selected input mode is wrong. • Cables incorrectly connected. • External output has not been set when connecting laptop computer.
Sound is heard but no picture appears or picture is dark.	<ul style="list-style-type: none"> • Cables incorrectly connected. • "Bright" is set to the minimum position. • Depending on the computer you are using, an image may not be projected unless the signal output setting of the computer is switched to the external output. Refer to the computer's operation manual for how to switch its signal output settings.
Color is faded or poor.	<ul style="list-style-type: none"> • Image adjustments are incorrectly set. • Make adjustments of "Color" and "Tint" in "Picture Mode" (Video Input only) • Video Input system is incorrectly set.
Picture is blurred; noise appears.	<ul style="list-style-type: none"> • Adjust the focus. • The projection distance exceeds the focus range. (Computer Input Only) • Perform "Fine Sync" Adjustments (Phase Adjustments) • Noise may appear depending on the computer.
Picture appears but no sound is heard.	<ul style="list-style-type: none"> • Cables are incorrectly connected. • Volume is set to minimum. • The amplifier is not turned on.

Troubleshooting Chart

Problem	Check
<p>Picture is green on INPUT 1 (COMPONENT)/INPUT 2 (COMPONENT).</p> <p>Picture is pink (no green) on INPUT 1 (RGB)/INPUT 2 (RGB)</p>	<ul style="list-style-type: none"> • Change the input signal type setting • When you cannot select an input signal type, select "Color is faded or poor" in Help menu, after selecting an item other than "RGB" in Picture Mode", and then select an input signal type.
<p>Picture is too bright and whitish.</p>	<ul style="list-style-type: none"> • Image adjustments are incorrectly set
<p>The cooling fan becomes noisy.</p>	<ul style="list-style-type: none"> • When temperature inside the projector increases, the cooling fan runs faster.
<p>The lamp does not light up even after the projector turns on.</p> <p>The lamp suddenly turns off during projection.</p>	<ul style="list-style-type: none"> • The lamp indicator is illuminating in red. Replace the lamp.
<p>The image sometimes flickers.</p>	<ul style="list-style-type: none"> • Cables incorrectly connected to the projector or the connected equipment works improperly. • Select "Vertical stripes or flickering image appear" in the "Help" menu and make the necessary adjustments. • If this happens frequently, replace the lamp.
<p>The lamp needs a lot of time to turn on.</p>	<ul style="list-style-type: none"> • The lamp will eventually need to be changed. While the remaining lamp life draws to a close, replace the lamp.

SVS200 Sound Video System-2000 lumen projector

System Options	Call your dealer for pricing and availability.
200-ITT	Image Touch Technology Option
200-C	Rack-Mounted Pentium IV Computer
200-PDC	Protective Dust Cover
200-P2500X	2500 lumen Projector XGA native resolution
200-P3000X	3000 lumen Projector XGA native resolution
200-PR	Polygon Ready (to install customer's supplied system)
200-CR	Computer Ready (to install customer's computer)
200-WK	Wireless Keyboard and Mouse (used with 200-C)
200-AOML	Mic Level Audio Out Jack
200-WM	Wireless Microphone System Installed
Convenience Options	
200-D3	Drawer 5 1/2" High 14" Deep
200-D4	Drawer 7" High 14" Deep
200-LK	Drawer Security Lock
200-S	Shelf for Additional Work Surface
200-PW	6" Pneumatic Wheels with Locking Brakes
200-M	Hand Held Microphone and Cable
Security Options	
200-SA	Alarm System-3 Way Security Alarm
200-IP	IP Link Control/Security System w/External RJ-45

Visit us on the Web:
www.AVRover.com

Mailing Address:
Sound Video Systems, LLC.
75 Benbro Dr.
Buffalo, NY 14225

Call Us:
800-724-0236 toll free
716-684-8200 local