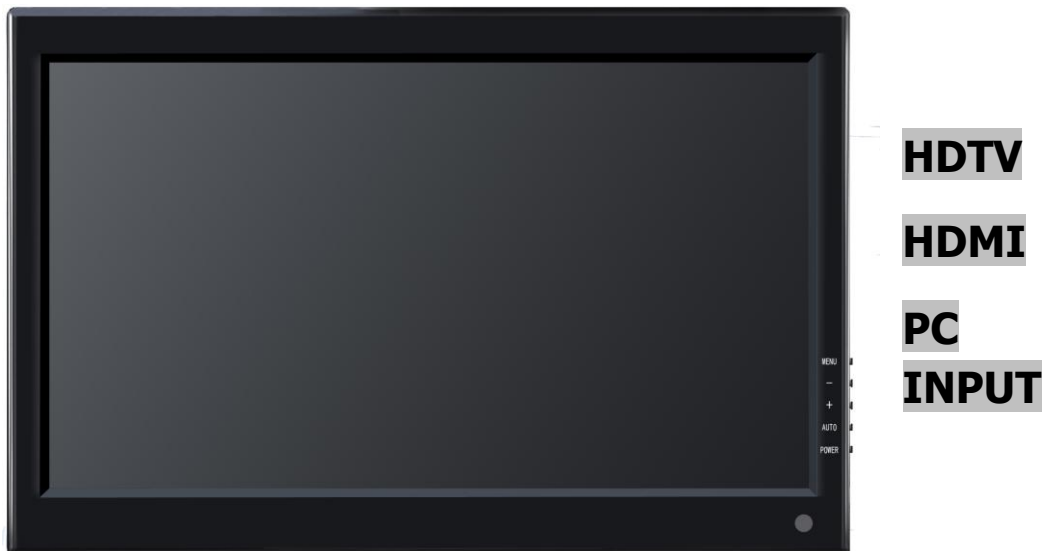


OPERATION MANUAL

PERSONAL VIEW SCREEN

FITNESS ENTERTAINMENT SOLUTIONS

MODEL NO.: ARG-PVS15



FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

DEAR ARG CUSTOMER,

Congratulations and thank you for purchasing ARG's Personal View Screen. This device is specially designed for health clubs. It is Easy to mount, Convenient to operate, has High-quality LED panel & provides High-fidelity audio enjoyment. All of ARG's high quality products are designed to provide many years of reliable service; they are uncomplicated to use so anyone can operate them with ease and confidence. I am certain that after using your newly purchased product you will join ARG's long list of satisfied customers.

This manual contains basic product information to ensure trouble free operation, so please take time to read through this manual thoroughly before using your new PVS. If for any reason you have additional questions you can call our headquarters toll-free at (888)-468-4552 and talk to one of our professional Sales Team Members who will be happy to help you Monday through Friday between the hours of 8:00AM and 5:00PM Central Standard Time; you can also email ARG at info@argaudio.com or visit our website at www.argaudio.com for additional resources and product options.

Everyone at ARG is firmly committed to our motto, which isn't just a tagline, it's our assurance that ARG's high quality products will meet your expectations for many years to come.

Every word...every sound...heard. Understood.

Again, on behalf of everyone at ARG, Thank you!

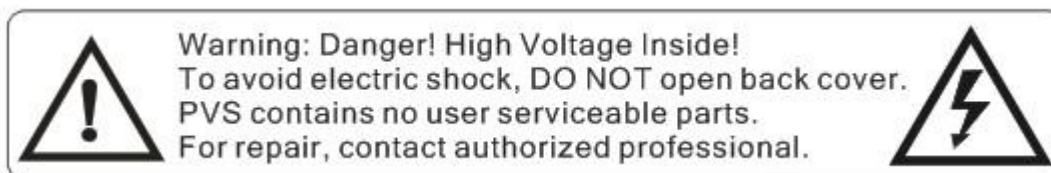
Rick Allerdings, President

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Important safety instructions

CAUTION: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE



This product has been engineered and manufactured with the highest priority on safety. However, improper use can result in electric shock and/or fire. To ensure your safety and prolong the service life of your PVS, please read the following precautions carefully before using the product.

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this device near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not place the device in direct sunlight.
9. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
10. Do not defeat the safety purpose of the polarized or grounding type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
11. Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the device.
12. Only use attachments/accessories specified by the manufacturer.
13. Unplug this device during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as the power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. The device shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on it.

Cautions

Lightning

For added protection for your device receiver during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the power outlet and disconnect any antenna or cable system. This helps prevent property damage and personal injury from lightning and power line surges.

Power Lines

An outside antenna system should not be located in the vicinity of overheated power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.

Handling the LCD Panel

- The Panel is made of glass. Do not drop it or hit, jolt, or press hard against the Panel. If the screen breaks, be careful of broken glass.
- If the panel is broken, make absolutely sure that you do not touch inside of the panel.

Replacement parts

When replacement parts are required, make sure that the service technician uses replacement parts specified by the manufacturer that have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, personal injury, or other hazards. Ask the service technician to perform routine safety checks to determine that the PVS is in correct operating condition after any service or repair to this device.

Condensation

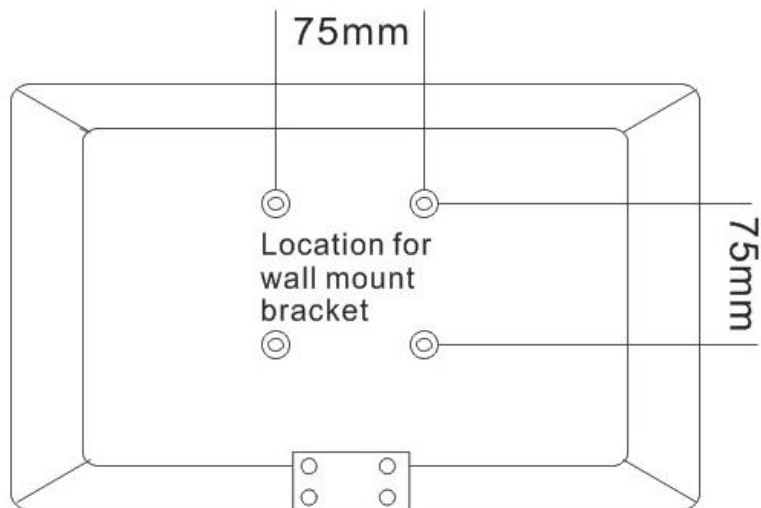
Moisture will form on the PVS if it is brought from cool surroundings into a warm room or if the temperature of the room rises suddenly. When this happens, the PVS's performance may be impaired. To prevent this, let the PVS stay in its new surroundings for about an hour before switching on, or make sure that the room temperature rises gradually. Condensation may also form during the summer if the PVS is exposed to the breeze from an air conditioner. In such cases, change the locations of the PVS.

Mobile telephone warning

To avoid interference with your picture and sound quality, operating problems, or even damage, keep your cordless and cellular telephones away from the PVS.

Installing a wall-mount bracket

Secure the wall-mount bracket (provided) to the back of your PVS using the screws. The versa mount is universal 75*75mm globally.

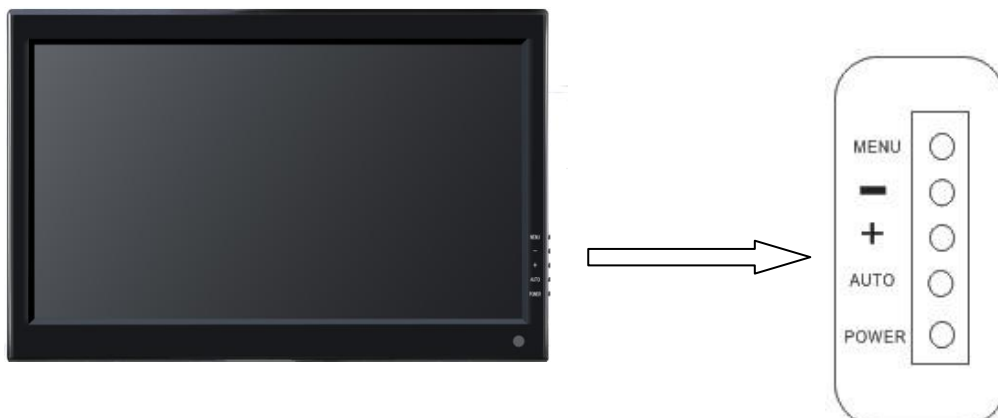


TV Components

Package contents

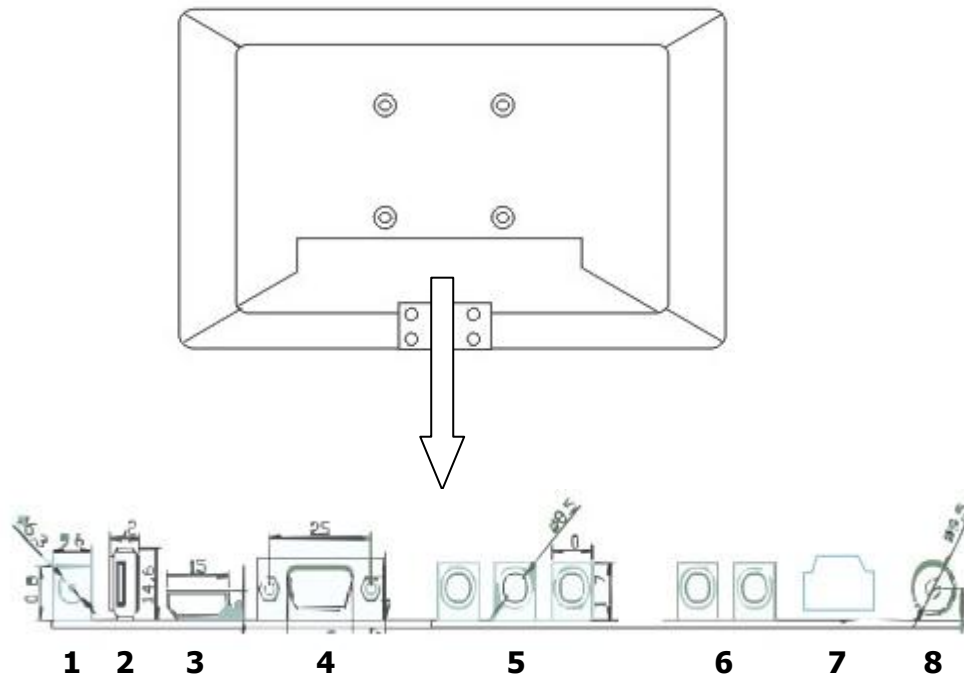
- . Personal View Screen
- . Wall Mount Bracket
- . Wired Controller
- . Component Cable
- . RJ45 Coiled Cable (use to connect PVS and Wired Controller)
- . Power Cable

Front



ITEM	DESCRIPTION
MENU Button	Press to open the PVS Setup Menu.
VOL- Button	Press to decrease the volume.
VOL+ Button	Press to increase the volume.
AUTO Button	Press to select the signal input. You can select TV/DOCK/HDMI/VGA
POWER Button	Press to turn on/off the PVS. *As our PVS is specially designed, in order to keep the PVS powered on, please insert the headphone into the wired controller to turn on the PVS. To power off the device, simply unplug the headphone.

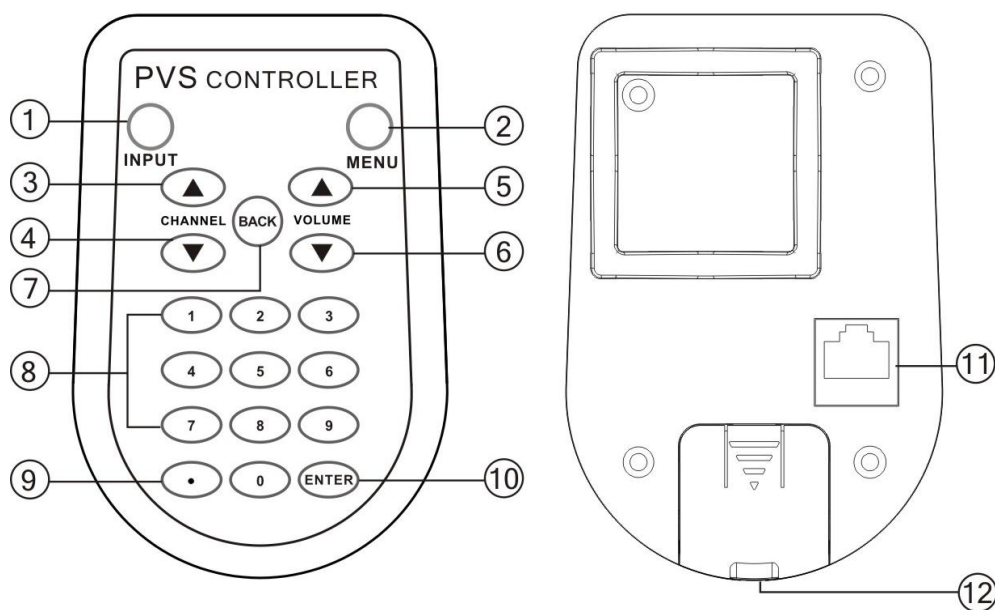
Back



#	Inputs & Outputs	Description
1	DC Input	Connect to the power cord
2	USB Port	Max. Charging Current is 5V2Amp
3	HDMI Input	High-definition multimedia interface input receives digital audio and uncompressed digital video from an HDMI device or uncompressed digital video from a DVI device.
4	PC Input/VGA	For use when connecting a personal computer or software update

5	Video Input	Standard component (Y Pb Pr) video input
6	Audio Input	Audio L & Audio R
7	RJ45 Jack	Connect to the wired controller with coiled cable(included)
8	TV Signal Input	Supports Digital ATSC signal

Illustration of the Wired Controller (Part Number ARG-CTLR19)



1. Input Button (press to change the input source)
2. Menu Button (press to open PVS setup menu)
3. Channel UP Button
4. Channel DOWN Button
5. Volume UP Button
6. Volume DOWN Button
7. Back Button (press to go the last viewed channel)
8. Numbers 0 to 9 (press to enter channel numbers)
9. Decimal Button (press to select digital sub-channels)
10. Enter Button (press to confirm selections)
11. RJ45 Connector (connect cable to the back of the PVS)
12. 3.5mm Stereo Audio Jack (Plug headphone into the headphone jack to turn on the PVS; Unplug the headphone, the PVS powers off in several seconds)

Making Connections

(1) Connecting the power cord

. Connect the power cord to the **DC INPUT** jack on the back of your PVS, then connect the other end of the cable to a power outlet.

(2) Connecting a digital ATSC signal

. Make sure the PVS and the external device are powered off.

. Connect one end of a coaxial cable to the **RF TUNER** on the back of your PVS, then connect the other end to the satellite TV jack.

. Press **INPUT** on the wired controller or the AUTO switch on the side of TV to display the Input source menu, then press **Channel UP or Channel DOWN** button to select **TV**. Press **ENTER**.

.ATSC Modulation: Air: 8-VSB; Cable: 64QAM, 256QAM

Video System: MPEG-2 MP@ML

Audio System: AC-3, MPEG1/2 Layer I and II

Basic Functions: Closed Caption & V-chip Receive channel: Air:2-69; Cable: 1-135

(3) Connecting a standard AV device

. Make sure the PVS and the external device are powered off.

.Connect a component cable (included) into the **VIDEO INPUT & AUDIO INPUT** jacks on the back of your PVS, then connect the other end of the cable to the **AV OUTPUT** jacks on the external device.

. Press **INPUT** on the wired controller or the AUTO switch on the side of TV to display the Input source menu, then press **Channel UP or Channel DOWN** button to select **DOCK**. Press **ENTER**.

. YPbPr/YCbCr Support Formats: 480i, 480p, 576i, 576p, 720p, 1080i, 1080p

(4) Connecting an HDMI device

. Make sure the PVS and the external device are powered off.

. Connect one end of an HDMI cable to the HDMI INPUT jack on the back of your PVS, then connect the other end of the cable to the HDMI OUT jack on the external device.

. Press **INPUT** on the wired controller or the AUTO switch on the side of TV to display the Input source menu, then press **Channel UP or Channel DOWN** button to select **HDMI**. Press **ENTER**.

. Supported Formats: 480i, 480p, 576i, 576p, 720p, 1080i, 1080p

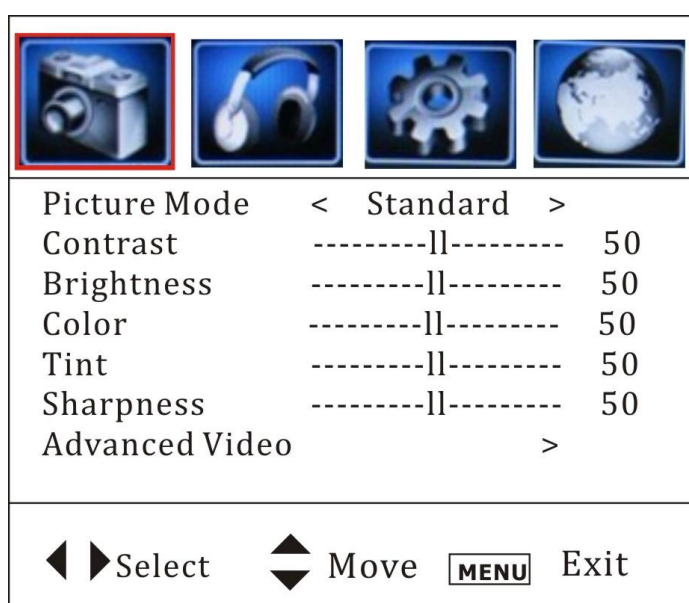
(5) Connecting a computer

. Make sure the PVS and the PC are powered off.

- . Connect a VGA cable to the **VGA INPUT** jack on the back of your PVS, then plug the other end of the cable into the VGA jack on the computer.
- . Press **INPUT** on the wired controller or the AUTO switch on the side of TV to display the Input source menu, then press **Channel UP or Channel DOWN** button to select **VGA**. Press **ENTER**.
- . PC-RGB Format: Up to 1920*1080@60Hz Color: 16bit, 24bit, 32bit

Setup/Installation Menu

1) Adjusting the picture



- . Press **Menu** button to enter PVS Setup menu.
- . Press **Volume UP** or **Volume DOWN** button to access the Picture menu.
- . Press **Channel UP** or **Channel DOWN** button to highlight a setting. Then press **Volume UP** or **Volume DOWN** button to adjust the setting or open a setting menu. If another menu opens, press **Volume UP** or **Volume DOWN** button to adjust the setting. You can select:

Picture Mode – Selects the picture mode, Vivid, Standard, Sports, Theater, Energy Savings, or Custom.

Contrast – Adjusts the contrast.









Brightness – Adjusts the brightness.

Color – Adjusts the color.

Tint – Adjusts the tint. This function is available in the NTSC system.

Sharpness – Adjusts the sharpness.

Advanced Video – Adjust the color temper, zoom, noise reduction, adaptive contrast submenu. For more information, see “Adjusting advanced video settings” below:

			
Color Temp.	<	Cool	>
Zoom Mode	<	Wide	>
Noise Reduction	<	Middle	>
Adaptive Contrast	<	Off	>
  Select  Move  Exit			

Color Temp. – You can select Personal, Normal, Cool, or Warm.









Zoom Mode – You can select Wide, Zoom, Cinema, or Normal Mode.

Noise Reduction – You can select Off, Weak, Middle, Strong, or Auto.

Adaptive Contrast – You can select On or Off.

. Press **MENU** one or more times to return to or close the main menu.

2) Adjusting the sound

			
Sound Mode	<	Standard	>
Bass		----- -----	50
Treble		----- -----	50
Balance		----- -----	50
Surround	<	OFF	>
AVC	<	OFF	>
Digital Output	<	PCM	>
Audio Language	<	English	>
  Select  Move  Exit			

. Press **Menu** button to enter PVS Setup menu.

. Press **Volume UP** or **Volume DOWN** button to access the Sound menu.

. Press **Channel UP** or **Channel DOWN** button to highlight a setting. Then press **Volume UP** or **Volume DOWN** button to adjust the setting or open a setting menu. If another menu opens, press **Volume UP** or **Volume DOWN** button to adjust the setting. You can select:

Sound Mode – You can select Standard, News, Music, Movie, Sports or Custom.

Bass – Adjusts the low sounds.

Treble – Adjust the high sounds.

Balance – Adjusts the balance between the left and right channels.

Surround – You can select On or Off.

AVC – You can select On or Off.

Digital Output – You can select PCM or RAW.

Audio Language – You can select English, French or Spanish.

. Press **MENU** one or more times to return to or close the main menu.

Note: If you adjust the Treble, Bass, or Balance, your PVS automatically changes the Sound Mode or Custom.

3) Setting Main Setup Menu

a. Turning Parental Controls On/Off

Parental Controls	>		
Time	>		
Closed Caption	>		
Menu Setting	>		
VGA Setting	>		
Restore Default	>		

Enter Password			

Select Move MENU Exit			

Select Move MENU Exit			
---	--	--	--

Press **Menu** button to enter PVS Setup menu. Press **Volume UP** or **Volume DOWN** button to access the Main Setup menu. Press **Channel UP** or **Channel DOWN** button to highlight Parental Controls, then press **Volume UP** or **Volume DOWN** button to enter into Password Setting. Press the number buttons to enter the password. The Parental Control menu opens (see picture below). Press **Channel UP** or **Channel DOWN** button to select System Lock, then press **Volume UP** or

Volume DOWN to select On or Off. To change the Unrated Lock, US, Canada, RRT Setting or Reset RRT option, the System Lock must be set to On.

b. Time Setting

			
Sleep Timer	<	180 Min	>
Time Zone	<	Korean	>
DST	<	Off	>
Clock		2000/01/01 09:00 AM	
◀▶ Select ▲▼ Move MENU Exit			

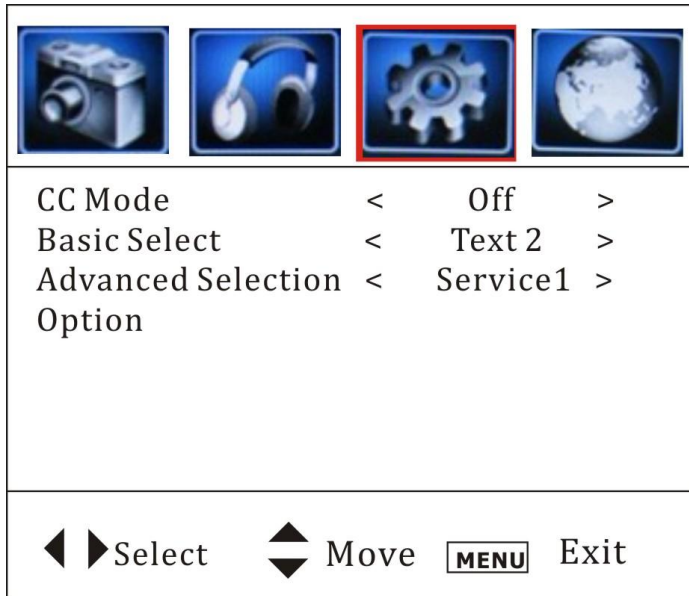
Press **Menu** button to enter PVS Setup menu. Press **Volume UP** or **Volume DOWN** button to access the Main Setup menu. Press **Channel UP** or **Channel DOWN** button to highlight Time menu, then press **Volume UP** or **Volume DOWN** button to enter into Submenu. Press **Channel UP** or **Channel Down**, **Volume UP** or **Volume Down** buttons to adjust the setting. You can select:

- . Sleep Timer – You can select 5 Min, 10 Min, 15 Min, 30 Min, 45 Min, 60 Min, 90 Min, 120 Min, 180 Min, 240 Min or Off.
- . Time Zone – You can select Pacific, Alaska, Hawaii, Atlantic, Eastern, Central or Mountain.
- . DST(Daylight Saving Time) – You can select On or Off.

Note: When daylight saving time is On, the clocks are set one hour ahead of local standard time.

When Daylight Saving Time is ON, the clocks are set one hour ahead of local standard time.

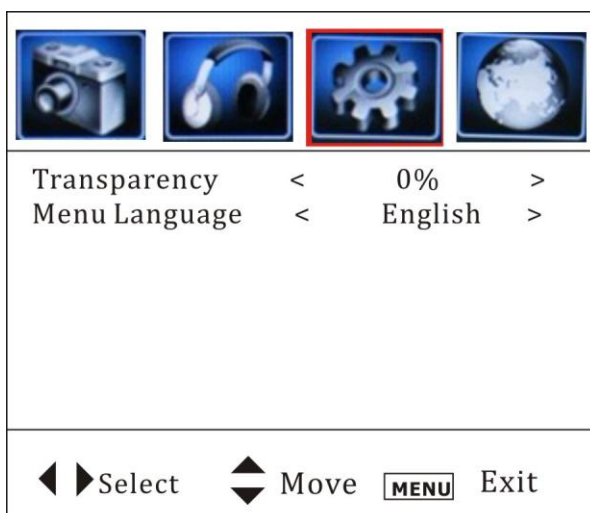
c. Using Closed Caption



Press **Menu** button to enter PVS Setup menu. Press **Volume UP** or **Volume DOWN** button to access the Main Setup Menu. Press **Channel UP** or **Channel DOWN** button to highlight Closed Caption menu, then press **Volume UP** or **Volume DOWN** button to enter into Submenu. Press **Channel UP** or **Channel Down**, **Volume UP** or **Volume Down** buttons to adjust the setting. You can select:

- . CC – You can select On or Off.
- . Basic Selection – You can select CC1, CC2, CC3, Text1, Text2, Text3 or Text4.
- . Advanced Selection – You can select Service1, Service2, Service3, Service4, Service5 or Service6.
- . Option – You can select Mode, Font Style, Font Size, Font Edge Style, Font Edge Color, FG Color, BG Color, FG Opacity or BG Opacity.

d. Menu Setting

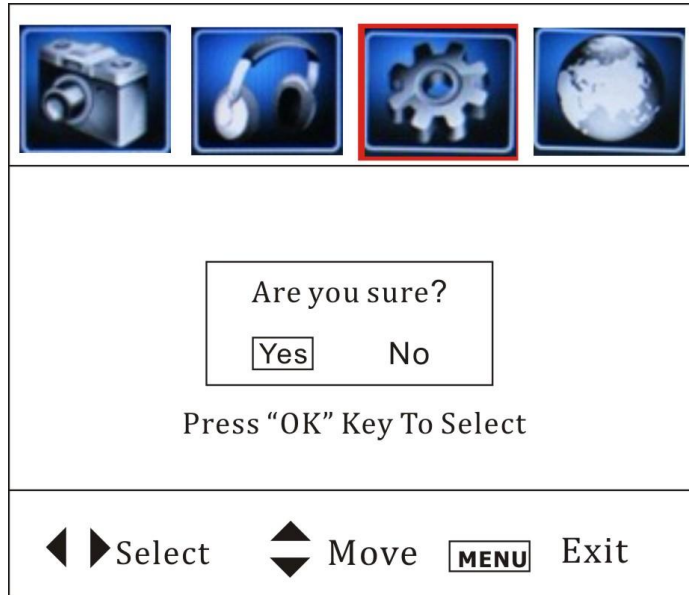


Press **Menu** button to enter PVS Setup menu. Press **Volume UP** or **Volume DOWN** button to access the Main Setup menu. Press **Channel UP** or **Channel DOWN**

button to highlight Menu Settings menu, then press **Volume UP** or **Volume DOWN** button to adjust the setting. You can select:

- . Transparency – You can select 0%, 25%, 50%, 75% or 100%.
- . Menu Language – You can select English, French or Spanish.

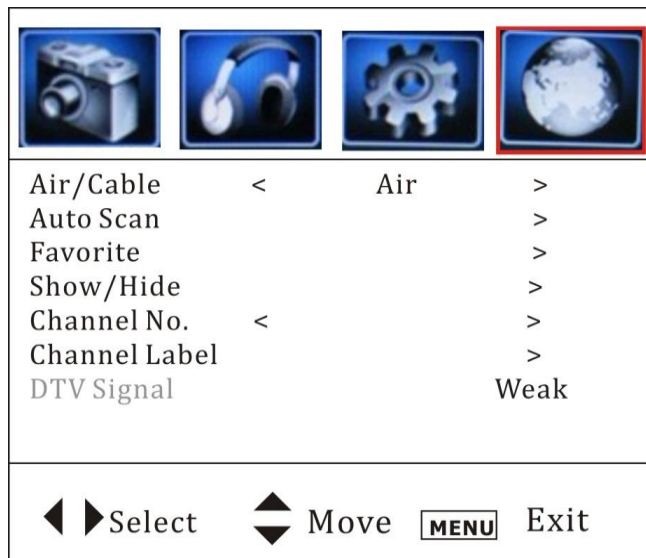
e. Restore Default



Press **Menu** button to enter PVS Setup menu. Press **Volume UP** or **Volume DOWN** button to access the Main Setup menu. Press **Channel UP** or **Channel DOWN** button to highlight Restore Default menu, then press **Volume UP** or **Volume DOWN** button to enter into Submenu. You can select:

“Are you Sure” Yes or No. Press **Enter** button to confirm.

4) Channel Setup Menu



- . Press **Menu** button to enter PVS Setup menu.
- . Press **Volume UP** or **Volume DOWN** button to access the Channel Setup menu.
- . Press **Channel UP** or **Channel DOWN** button to highlight a setting. Then press **Volume UP** or **Volume DOWN** button to adjust the setting or open a setting menu. If another menu opens, press **Volume UP** or **Volume DOWN** button to adjust the setting. You can select:

Air/Cable – You can select Air or Cable.

Auto Scan – You can select Yes or No and press Enter to confirm.

Favorite – You can enter your favorite mode and channel number, channel name, and the favorite menu item would occur and press Enter to set.

Show/Hide – You can enter the channel number, channel name to the show/hide list.

Channel No. – You can enter the wanted channel number.

DTV Signal – It shows the current DTV signal strength.

Maintenance

Cleaning the cabinet

Wipe the front panel and other exterior surfaces of the PVS with a soft cloth lightly dampened with lukewarm water. Do not use a solvent or alcohol to clean the PVS. Do not spray insecticide near the PVS. Such chemicals may cause damage and discoloration to the exposed surfaces.

Product Specifications

Item	Description		
Panel	15.6" TFT-LCD	Color Active Matrix Liquid Crystal Display with an integral Light Emitting Diode (LED) backlight system	
	Max. Resolution	1366 * 768	
	Contrast Ratio	500:1	
Video Input	TV(analog)	Video System	NTSC
		Sound System	M, N
		Receive Channels	Air: 2-69; Cable: 1-135
	ATSC	Modulation	Air: 8-VSB; Cable: 64 QAM, 256

			QAM	
		Video System	MPEG – 2 MP@ML	
		Audio System	AC-3, MPEG1/2 Layer I and II	
		Basic Functions	Closed Caption & V-chip	
		Receive Channels	Air: 2-69; Cable: 1-135	
	CVBS	1.0Vp-p +/-5%		
	YPbPr	480i, 480p, 576i, 576p, 720p, 1080i, 1080p		
	PC / VGA	Format	Up to 1920*1090@60Hz	
		Color	16bit, 24bit, 32bit	
	HDMI	480i, 480p, 576i, 576p, 720p, 1080i, 1080p		
Power	Adapter	12V		
	To Panel	3.3V, 5V, 12V		
	Manage	Low power consumable mode: standby ≤0.5w		
Terminals	Input	TV Input	1 IEC75Ω	
		PC / VGA Input	1D-SUB 15PIN terminal blue color	
		YPbPr Input	3RCA terminal green, blue, red color	
		HDMI Input	1 HDMI terminal	
		Audio Input	Left/Right audio track input	
		USB	1 USB terminal	
OSD Language	English, Spanish, French			
Accessories	Power Adapter, Wired Controller, Component Cable, RJ45 coiled Cable			

Troubleshooting

- a. No power
Check if the power cord is connected, the wired controller is connected and the headphone is plugged into the headphone jack.
- b. No Picture or Sound

Check all cable connections. Make sure that the PVS is turned On.

- c. Picture is Ok, but No Sound
Make sure headphones are fully inserted into the controller headphone jack. Check the volume level and mute setting. Replace the headphone jacks on the controller. Please contact your dealer or ARG direct for replacement headphone jack modules. These jacks are designed to be easily replaced.
- d. Sound is OK, but no color
Check the color setting and adjust it.
- e. Overlapped Images
Make sure that the antenna is installed correctly.
- f. Picture has snow
Check the antenna and its connection. If there are problems, correct them. If all connections are tight, the problem might be with a faulty antenna or cable. Check signs that may disrupt the image.
- g. Stripes on picture
Check for interference from other electronic devices, such as radios and televisions, and keep magnetic or electronic devices away.
- h. Bad stereo or SAP sound
A long broadcast distance or interference from radio waves can cause bad sound reception.
- i. "Unsupported Mode" appears on the screen
Check the resolution and frequency of your computer, and adjust it to the optimum resolution for the PVS.
- j. "No Signal" appears on the screen
Make sure that the signal cable is firmly connected to the PVS.
- k. Image is not clear
Adjust the phase control.
- l. Image is not centered
Adjust the horizontal control.
- m. Poor sound quality through headphones

Make sure that the input source is selected correctly.

Make sure headphone plug is fully inserted into the controller headphone jack.

Make sure the Coiled Cable connecting the PVS and the controller is properly connected at both ends and the cable is not damaged.
- n. PVS does not respond to the commands operated from the controller

Make sure the Coiled Cable connecting the PVS and the controller is properly connected at both ends and the cable is not damaged.

Check the RJ45 jack on the back of the controller for corrosion, foreign matter or damage. Try cleaning the jack with a cotton swab.

Replace the non-functioning controller with a new one or the one that you know works. Please contact your dealer or ARG for a replacement.

Troubleshooting – Digital Broadcasting

- a. Digital channel signal strength is low
 - . Check the antenna cable. Check that the antenna is correctly setup
- b. Digital channel is scrambled
 - It is subscription channel. Contact the service provider.
- c. Audio only
 - The channel has audio contents only.

Headphone jacks replacement

It is normal for the contacts in the headphone jacks to wear out periodically. To remove the worn jack: press on the small arrow located on the back side of the controller and slide the jack module in the direction of the arrow. The headphone jack module can, in most cases, be replaced without removing the controller from the cardio machine. To Install: guide the grooves of the new jack module into the tabs of the controller. Push the jack module back into the controller until it clicks into place.

Warranty

Audio Resource Group, Inc (ARG) provides TWO years warranty from the purchase date. During the warranty period, if the material and workmanship of the product is determined to be defective by our repair center, we will: (1) repair the product with new or rebuilt parts; or (2) replace the product at no charge with new or rebuilt comparable products or parts.

This warranty does not cover cosmetic damage of the product or if the serial number or model number affixed to the product has been removed, defaced, changed, altered or tampered with. This warranty does not cover installation or signal reception problems.

Warranty only applies to the original buyer. Warranty is void if products have been damaged due to modification, repair, or misuse by unauthorized personnel. ARG, Inc. is not liable, without limitation to any person or entity, for any direct, incidental, consequential damages or medical expenses caused by any use, defect, failure or malfunction of the product. The terms of the warranty are governed by the laws of the state of North Dakota, USA. Only with prepaid shipping and a return authorization number will returned products be accepted by ARG, Inc. Contact ARG, Inc at 888-468-4552 for more information.

If you are experiencing difficulty with your system, call Toll-Free for Customer Service: 1-888-468-4552

If it is necessary to return your system for service, please contact your Customer Service Representative for a Return Authorization Number prior to shipping.

Mail to: ARG, Inc.
ATTN: Repair Department
PO Box 39
440 Ramsland Avenue (for UPS Shipments only)
Hannaford, ND58448
Phone: 888-468-4552
Fax: 888-373-4819
Email: repairs@argaudio.com