

Fitness Entertainment Solutions

Personal Viewing Screen Model: ARG-PVS15LED Manual and User Guide



User Guide Part # ARG-OM016 - Rev B

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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



Warning: Danger! High Voltage Inside! To avoid electric shock, DO NOT open back cover. PVS contains no user serviceable parts. For repair, contact authorized professional.



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 Personal Viewing Screen (PVS), please read the following precautions carefully before using the product.

- 1. Read and keep these instructions.
- 2. Heed all warnings.
- 3. Follow all instructions.
- 4. Do not use this device near water. Avoid direct contact with liquids of any kind.
- 5. Clean only with dry cloth.
- 6. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- 7. Do not place the device in direct sunlight.
- 8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 9. 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.
- 10. Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the device.
- 11. Only use attachments/accessories specified by the manufacturer.
- 12. Unplug this device during lightning storms or when not in use for long periods of time.
- 13. Refer all servicing to qualified service personnel. Servicing may be required when the apparatus has been damaged in any way or performs in an abnormal fashion. (Examples may include, but not be limited to: unit has been dropped or suffered an impact, liquid has been spilled or objects have fallen into the unit, the unit has been exposed to rain or moisture.
- 14. The device should be protected from exposure to dripping or splashing: do not place objects filled with liquids, such as water bottles or drink containers directly on the device.

CAUTIONS

• Lightning

Unplug the PVS from the power outlet and disconnect any antenna or cable system during a lightning storm or when it is left unattended and unused for long periods of time. 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 power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching power lines or circuits...<u>contact with them might be fatal</u>.

• Handling the LCD Panel

The LED and LCD panels are made of glass. Do NOT drop, hit, jolt, or press hard against the panel. If the screen breaks, beware of sharp edges or broken glass.

• Replacement parts

When replacement parts are required, make sure that the service technician uses replacement parts have the same characteristics as the original part as specified by the manufacturer. Unauthorized substitutions may result in fire, electric shock, personal injury, or other hazards. Ask the service technician to perform routine safety checks to determine 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, allow the PVS to set in new surroundings for one 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 Communication Devices

Phones and other mobile communication devices can cause interference with the picture and/or sound quality. If you experience undesirable performance by this appliance in close proximity to one of these devices, please relocate the device away from the PVS a great enough distance to eliminate the undesired condition.

ATTACHING to STAND or MOUNTING BRACKET

Secure the mounting bracket supplied with your stand or factory mount to the back of the PVS using the (4) M4 x 0.7 x 6mm screws provided with the PVS. (Longer screws may be required if the mount you are using is made with a heavy gauge steel. Usually 8mm long screws will work; longer screws are often included with the mount or stand. If not, purchase them locally or contact ARG for replacements.)

The bolt/screw mounting pattern is VESA 100 mm standard.



PACKAGE CONTENTS

- Personal Viewing Screen (PVS15/PVS19)
- AC Cord/AC-DC power supply w/cord (PS014)
- Coaxial Cable (CA012)
- RJ45 Coiled Cable to connect PVS and Wired Controller (CA009)
- PVS Wired Controller with on/off button (PVSC)
- (6) M4 x 0.7 x 8mm screws (SCR032)

OPTIONAL EQUIPMENT

Television Stand (TM001)

Stand Extension Kit (TM017)

iPod® adapter with cable with charging function (CA013)

 $i Pod \ensuremath{\mathbb{R}}$ is a trademark of Apple Inc., registered in the U.S. and other countries.

SET-UP INSTRUCTIONS

IMPORTANT: Do not connect the power cord until AFTER all other connections have been completed! All connections must be made BEFORE the power is cycled in order for the TV to recognize and properly initialize the wired remote control unit or any accessories connected to the PVS.

- 1. Attach PVS to stand or mount per the instructions included with the stand or mount. (Screws are included for your convenience)
- 2. Connect the cable to TV signal source. All on-air and most cable or satellite TV systems use a coaxial line that connects to the antenna terminal of the TV. (Threaded F-connector) This is marked on the back of the PVS with ANT. Screw the coaxial cable snugly onto this terminal to ensure a proper picture and sound. NOTE: Video signal strength <u>must</u> be within the range of 0 +/- 8 dB for optimum TV performance. Too high or low of a signal will result in poor picture quality and erratic TV performance. If the signal provider requires the use of a converter box that does NOT have a coaxial output, connect the source to the PVS via the component A/V cables or with an HDMI cable. The RCA component AV connectors are marked *Y*,*Pb*,*Pr* and *L*/*R*. The HDMI connector is marked with *HDMI*.
- 3. Mount and Connect the Remote Control Unit. The ARG remote control is designed to be mounted with most makes and models of cardio equipment. To mount the control unit, first slide the cable ties through the appropriate holes in the mounting bracket on the underside of the controller. (*Top to bottom if mounting it to a horizontal bar; side to side if mounting to a vertical bar.*)



Wrap the cable ties around one of the bars on the equipment in an appropriate position. Take note how the equipment will be used and make sure the placement of the controller will not interfere with the function or the range of motion of the equipment.

Pull the cable ties tightly around the bar so that the controller does not rotate (figure 1). Cut the ends of the ties to eliminate excess (figure2). (Note: A typical treadmill installation is shown below for reference in this manual. Equipment may differ from the one shown here and placement of the remote control unit will vary.)





Figure 5



Connect one end of the coiled CAT-5 cable to the RJ-45 terminal located on the underside of the remote control unit (figures 3 and 4) The other end should be plugged into the terminal marked RJ45 on the PVS.









4. Plug the power supply into the terminal on the back of the PVS marked, DC + 12V. Then connect the plug to a standard A/C 110V power outlet. This must be the FINAL step to ensure the TV recognizes and properly initializes the wired remote control unit or any accessories connected to the PVS. Figures 5 and 6 display how the controller should look when completed.

INITIAL CHANNEL SETUP AND OPERATION

- 1. Turn on the master power switch located on the right side of the LCD screen toward the bottom of the screen.
- 2. Set the signal source and scan the channels available on your system by following the instructions below:

***	Ţ	Л		10	ŵ	
-		Air/O	able		Cable	
		Auto	Scan			
Te		Favo	rite			
		Show	/Hide			
		Chan	nel No.			
Char	nnel	Chan	nel Label			
Cild		DTV	Signal			

- Press Menu button on the lower right side of the PVS to enter the PVS menu.
- Press Volume UP or Volume DOWN button on the right side of the PVS to access the Channel menu.
- To navigate through the menu options, press Channel UP or Channel DOWN button to highlight a setting. 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. Press the menu button on the side of the PVS to exit the menu screen altogether.
- First select the signal source: Select Air or Cable
- Next, perform the Auto Scan. If you DO NOT perform this step, the PVS will not recognize the channels you have available; it will only show the ARG logo on the display.
- Go down to the Auto Scan tab, enter this menu using the **Volume DOWN** button and select yes using the **Volume UP** button.

The TV will now scan all of the channels available in the area. This may take up to half an hour or longer, especially for digital channels. A bar display will indicate progress. Please be patient as stopping the scan process will result in a reduced number of channels available for viewing. When finished, the TV will tune to the lowest receivable channel. It is now ready to use.

- 3. Familiarize yourself with the remote control unit. Check for proper operation of the wired remote control unit. The functions are described below:
 - The **channel up and down arrows** change the channel up or down.
 - The volume up and down arrows change the volume up or down.
 - The <u>Input</u> button toggles between the various video input sources: TV, Component, HDMI, etc.
 - The number <u>keypad</u> allows direct access to channels by entering the number of the channel you want to watch. To operate, press the channel numbers <u>including the decimal point</u> for the digital channels, then press **enter**.
 - Press the **back button**, and the channel will go back to the previous channel. Press again to return to the first channel. This allows for one-touch switching between two programs.
 - The <u>"PWR" button turns the unit on and off.</u>
 - The **<u>phones arrow</u>** points to the headphone jack located on the side of the unit just below the keypad. Plug headphones into the jack to hear the sound from your personal audio equipment.

If system is not functioning properly, turn the PVS off and disconnect power from the PVS, then reconnect power and turn it back on to re-initialize the system. This will *in most cases* reset any malfunctions with the PVS. If you continue to have problems, please check the troubleshooting guide located at the end of this manual. If not resolved or issue not covered in troubleshooting guide, please call your dealer or contact Audio Resource Group.

FRONT VIEW



SIDE VIEW



INPUT Button: Press to open the PVS Setup Menu
MENU Button: Press to select the signal input: TV/Dock/HDMI/VGA
VOL Button: Press to increase volume
VOL Button: Press to decrease volume
CH Button: Press to go to a higher channel
CH Button: Press to go to a lower channel
STANDBY: Press to turn on/off the PVS

BACK VIEW



1. DC Input

2.

USB Power

Connect to the Power Cord

- Max. Charging Current is 5V @ 2A. This port functions with a media player as a charging point ONLY. Media files cannot be transferred or viewed by connection to this port.
- **3. HDMI Input** High-definition multimedia interface input receives digital audio and uncompressed digital video from an HDMI device or uncompressed digital video only from a DVA device with converter.
- 4. VGA In For factory use only.
- 5. Audio Inputs Audio Left & Audio Right (RCA Jacks)
- 6. Video Inputs Standard component (YPbPr) video input (RCA Jacks)
- **7. RF Input** Supports Digital ATSC signal (F-connector). Requires signal of 0 +/-8dB.
- 8. Headphone Jack
- Jack 1/8" Stereo Jack for Audio output to Headphones.
- **9. RJ45 Jack** Connect to the wired controller with included coiled cable.
- **10. USB Port** Connect a flash drive to this USB port to utilize the USB copy feature or to play media files from the flash drive.

WIRED CONTROLLER (Part Number ARG-PVSC)



- 1. Channel Up Button
- 2. Channel Down Button
- 3. Video Button (press to change the input source)
- 4. Volume Up Button
- 5. Volume Down Button
- 6. Back Button (press to go to the last viewed channel)

- 7. Enter Button (press to enter selections)
- 8. Numbers 0 to 9 (press to enter channel numbers)
- 9. Decimal Button (press to select digital sub-channels)
- 10. Power Button (press to turn the PVS on or off)
- 11. RJ45 Connector (to connect cable to back of PVS)
- 12. **3.5mm Stereo Audio Jack** (plug headphone into headphone jack to turn on the PVS. After unplugging the headphone, the PVS powers off in several seconds.)

HEADPHONE JACK REPLACEMENT

Because it is subject to heavy use, it is normal for the contacts in the headphone jack assembly to wear out over time. The PVS Controller is equipped with a replaceable headphone jack module to address this wear without replacing the entire unit. Under ideal conditions, the headphone jack is rated to last roughly 6,000 plug insertions and removals (cycles). The headphone jack module can, in most cases, be changed without removing the receiver unit from the cardio machine. To remove the worn jack, locate the two Philips screws on the front bottom of the unit. They will be on either side of the headphone/power logo. Remove these two screws and set the screws to the side. The headphone module will drop out of the unit. Replace the headphone module. While holding the module in place insert and tighten the two screws.

GENERAL CONNECTIONS

1. 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 the PVS and 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 and then press Channel UP or Channel DOWN button to select TV. Press ENTER.
- ATSC Modulation: Air: 8-VSB; Cable: 64QAM, 256QAM Required signal: 0 +/- 8 dB
- 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

2. Connecting a Standard AV Device or Apple[®] Product:

- · Make sure the PVS and the external device are powered off
- Connect a component cable (not included) into the VIDEO INPUT & AUDIO INPUT jacks on the back of the PVS and then connect the other end of the cable to the AV OUTPUT jack on the external device or Apple® Product. Apple® is a trademark of Apple Inc., registered in the U.S. and other countries.
- If you wish your PVS to have the ability to charge the media player or external device, plug the USB plug into the **USB port** on the back of the PVS. The port will supply a MAX charging current of 5V @ 2A.
- Press **INPUT** on the wired controller or the **Input** switch on the side of TV to display the Input source menu and then press **Channel UP** or **Channel DOWN** button to select **DOCK**. Press **ENTER**.
- YPbPr/YCbCr Support Formats: 480i, 480p, 576i, 576p, 720p, 1080i

3. Connecting an HDMI device

- Make sure the PVS and the external devices are powered off
- Connect one end of an HDMI cable to the **HDMI INPUT** jack on the back of PVS and then connect the other cable end to the **HDMI OUT** jack on the external device
- Press **INPUT** on the wired controller or the **Input** switch on the side of TV to display the Input source menu and then press **Channel UP** or **Channel DOWN** button to select **HDMI**. Press **ENTER**.
- Supported Formats: 480i, 480p, 576i, 576p, 720p, 1080i, 1080p
- 4. **Connecting the Power Cord:** Connect the power cord to the **DC INPUT** jack on the back of the PVS and then connect the other end of the cable to a power outlet.

SETUP/INSTALLATION MENU

1. Channel Menu



Press Menu button to enter PVS menu

Press Volume UP or Volume DOWN button to access the Channel 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.

Options: Air/Cable – Select Air or Cable

Auto Scan – Select Yes or No and press Enter to confirm

Favorite – Select your favorite mode and channel number, channel name, and the favorite menu item and press Enter to set

Show/Hide - Enter the channel number, channel name to the show/hide list

Channel No. – Enter the desired channel number

Channel Label – Label the selected channel

DTV Signal – Displays the current DTV signal strength

2. Picture Menu

ø	모	л о н	
		Picture Mode	Standard
		Contrast	50
Picture		Brightness	50
		Sharpness	50
	ure	Tint	50
		Color	50
110.		Color Temp.	Warm
		ZoomMode	16:9
		3DNR	Middle
		Backlight	50

Press **Menu** button to enter PVS 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. Options:

Picture Mode - Select the picture mode: Standard, Dynamic, Theater, or Personal

Contrast – Adjusts contrast

Brightness – Adjusts brightness

Sharpness – Adjusts sharpness

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

Color – Adjusts color

Color Temp – Select Normal, Warm, or Cool

Zoom Mode – Select Wide, Zoom, Cinema, or Normal Mode

3DNR – 3D Noise reduction, Select Off, Weak, Middle, or Strong

Backlight – Adjusts how bright the screen is

DLC - Select On or Off

3. Audio Menu

- tot	L L				
	Equ	alizer		Standard	
	1201	Hz		50	
\bigcirc	500	Hz	50		
	1.5K	Hz		50	
	5KH	z		50	
Audio	10KH	łz		50	
	MTS			STEREO	
	Audi	o Language		English	
	Digit	alOutput		РСМ	
	Surr	ound Sound		Off	

Press Menu button to enter PVS menu.

Press Volume UP or Volume DOWN button to access the Audio 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:

Equalizer – You can select Standard, Music, Movie, Sports or Personal.

To adjust the frequency bands, set the equalizer setting to Personal. This unlocks the frequency bands below for adjustment. The PVS has the following bands for adjustment: 120Hz, 500Hz, 1.5kHz, 5kHz, and 10kHz. All adjustments run from 0 to 100.

MTS – Select between Mono and Stereo

Digital Output – Select PCM or RAW

Surround Sound – Select On or Off

AVC - Select On or Off

Balance - Adjusts balance

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

4. Time Menu

			O		
		Sleer	Timer	044	
		Siee	s i iiiiei	UII	
Time		Time	Zone	Central	
		DST		On	
		Time	Format	12-hour	
		Auto	Sync	Off	
	ne	Clock	¢	1980/1/1 12:02 AM	
		Wake	Up	1980/1/1 12:00 AM	

Press Menu button to enter PVS 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. Select:

Sleep Timer – 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 – Select Pacific, Alaska, Hawaii, Atlantic, Eastern, Central or Mountain

DST (Daylight Saving Time) - Select On or Off

Time Format – Select 12-hour or 24-hour

Auto Sync – Select on or off to manually or automatically set the time.

Clock – Set the time and date

Wake Up – Set a timer for the TV to automatically power on.

5. Setup Menu



Press Menu button to enter PVS menu.

Press Volume UP or Volume DOWN button to access the Setup menu.

Press Channel UP or Channel DOWN button to highlight a setting.

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:

Menu Language – You can select from English, French and Spanish

Transparent – This controls the transparency of the user menu. It adjusts from 0% to 100%

Closed Caption – Enter into the closed caption menu.

Restore Default – This allows you to reset the PVS to manufacturer defaults

Setup Wizard – This launches the setup wizard which will walk you through setting up the PVS for the first time.

Software Update – This will allow you to update the firmware for the PVS. Please contact ARG to obtain the latest firmware.

Blue Screen – This will toggle the screen color when there is no signal between blue and black.

HDMI Mode – This will toggle the HDMI port between a video port and a computer input.

Copy Data to USB – This allows you to copy the channel settings to a USB flash drive. This can be used to program additional PVSs without needing to run a channel scan.

Reset Data from USB - This allows you to restore channel settings from a USB flash drive.

a. USB Data Copy

You can use a USB flash drive to copy programming from one PVS to another. To do so, insert a USB flash drive into the side USB port on the PVS. In the setup menu, highlight and select Copy Data to USB and select the option. The PVS will display "OK" next to this option if it succeeds. Then remove the USB flash drive and insert it into the PVS to be programmed. In the setup menu on the second PVS, highlight and select Reset Data from USB. The PVS will copy the settings from the flash drive and store them in the PVS.

b. Using Closed Caption

Press **Menu** button to enter PVS menu

Press Volume UP or Volume DOWN button to access the 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. IMPORTANT: The closed captioning function will NOT display on the screen until it is fully initialized and active. It takes about 10 seconds for the CC display to appear on the screen. This delay is a normal process of the PVS and should NOT be considered a malfunction. If closed captioning does NOT appear at any point or presents a caption box with no words, you may have selected a caption format option that does not exist in your area or be tuned to a channel that does not broadcast closed captioning. Your local signal provider can supply a list of channels that broadcast captions and the formats options available in your area.) Options:

CC – Select: On or Off

CC Format Selection – Select: CC1, CC2, CC3, Text1, Text2, Text3 or Text4.

(Please note that not all formats are available in all areas. Ask your local signal provider for the CC formats available to your location.)

Advanced Selection – Select: Service1, Service2, Service3, Service4, Service5 or Service6

Option (Only applicable when receiving digital broadcasts): – Select: Mode, Font Style, Font Size, Font Edge Style, Font Edge Color, FG Color, BG Color, FG Opacity or BG Opacity

c. Restore Default

Press Menu button to enter PVS menu

Press Volume UP or Volume DOWN button to access the Setup menu

Press **Channel UP** or **Channel DOWN** button to highlight Restore Default menu and then press **Volume UP** or **Volume DOWN** button to enter into Submenu. Display shows, "Are You Sure?" Options: Yes or No. Press **Volume DOWN** button to confirm.

6. Lock Menu



Press Menu button to enter PVS menu

Press Volume UP or Volume DOWN button to access the Lock menu

Press **Channel UP** or **Channel DOWN** button to highlight SystemLock menu and then press **Volume UP** or **Volume DOWN** button to enter into Submenu. Enter Password (default is 0000) and Submenu appears. Press **Channel UP** or **Channel DOWN** button to highlight selection.

MAINTENANCE

Cleaning the Cabinet: Wipe the front panel and other exterior surfaces of the PVS with a slightly water-dampened, soft cloth. Do not use a solvent or alcohol to clean the PVS. USING solvent or alcohol to clean the PVS could damage the unit. When using anti-bacterial sprays and wipes in the vicinity of the PVS, take care that they do NOT come in contact with the unit as these chemicals may cause damage and discoloration to the exposed surfaces.

PRODUCT SPECIFICATIONS

ITEM	DESCRIPTION				
Panel	15.6" / 18.5" TFT- LCD Max. Resolution	Color Active Matrix Liquid Crystal Display with an integral Light Emitting Diode (LED) backlight system 1366 * 768			
	Contrast Ratio	500:1			
		Video System		NTSC	
	TV(analog)	Sound System		M, N	
		Receive Cha	nnels	Air: 2-69; Cable: 1-135	
		Modulation		Air: 8-VSB; Cable: 64 QAM, 256 QAM	
		Video System		MPEG – 2 MP@ML	
	ATSC	Audio Syster	n	AC-3, MPEG1/2 Layer I and II	
Video Input		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			
	PC / VGA	Format	Up to 1920*1090@60Hz		
		Color	16bit, 24bit, 32bit		
	HDMI	480i, 480p, 576i, 576p, 720p, 1080i, 1080p			
	Adapter	12V			
Power	To Panel	3.3V, 5V, 12V			
	Manage	Low power consumable mode: standby ≤0.5w			
	Input	TV Input	1 IEC75Ω		
		PC / VGA	1D-SU	B 15PIN terminal blue color	
Terminals		YPbPr	3RCA terminal green, blue, red color		
			1 HDMI terminal		
	English Spanish F				
Accessories	Power Adapter, Wired Controller, Component Cable, RJ45 coiled Cable				

FCC Part15: 2010 Subpart B Class A: This equipment has been tested and is found to comply with the limits for Class A digital devices, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, an can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his/her own expense.



TROUBLESHOOTING

- **No Power:** Check if the power cord is connected, the wired controller is connected and the headphone is plugged into the headphone jack.
- No Picture or Sound: Check all cable connections. Make sure the PVS is turned On.
- **Picture is Ok, but No Sound:** Check to make sure headphones are fully inserted into the controller headphone jack. Check the volume level and mute setting. Replace the headphone jack on the controller. Please contact your dealer or ARG for replacement headphone jack modules. These jacks are designed to be easily replaced.
- PVS does not Respond to the Commands Operated from the Controller:

The PVS and the controller did not synchronize properly. Unplug the power source for one minute then plug back in and turn PVS back on to re-initialize. This will synchronize the display and the remote control unit.

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 working controller. Please contact your dealer or ARG for a replacement.

- Sound is OK, but No Color: Check and adjust the color setting.
- **Overlapped Images:** Check to assure the antenna is installed correctly.
- **Picture has 'Snow':** Check the antenna and its connection. If all connections are tight, the problem might be with a faulty antenna or cable, which may need replacing.
- Stripes on Picture: Check for interference from other electronic devices, such as radios and televisions, and keep magnetic or electronic devices away from PVS.
- Bad Stereo or SAP sound: A long broadcast distance or interference from radio waves can cause bad sound reception.
- "Unsupported Mode" appears on the screen: Check the resolution and frequency of your computer, and adjust it to the optimum resolution for the PVS.
- "No Signal" appears on the screen: Check to make sure the signal cable is firmly connected to the PVS.
- Poor Sound Quality through Headphones:

Make sure 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.

TROUBLESHOOTING – DIGITAL BROADCASTING

- Digital Channel Signal Strength is Low: Check the antenna cable. Check that the antenna is correctly set up.
- **Digital Channel is Scrambled:** The cable provider is transmitting an encrypted signal or the channel is a premium subscription channel. Contact the service provider for additional equipment or special instructions to view these channels.



Warranty Statement

Audio Resource Group, Inc. (ARG) develops, designs and distributes only high quality products that will provide users with many years of trouble-free service. Some of the products we distribute are sold exclusively by ARG. The following Warranty Statement defines the warranty periods for each product line and model of equipment distributed by Audio Resource Group, Inc.

Talk and Listen[™] Systems

ARG warrants the following transmitters and receivers (TX72BP, TX72M, TX900BP, TX900HH, TX900M, RX72BPS, RX72BPM, RX72BP, RX72M, RX900BP, RX900M) to be free from defects in workmanship and material under normal use and conditions for five years from date of purchase.

ARG warrants the following charging systems (CHGR12, CHRG24) to be free from defects in workmanship and material under normal use and conditions for two years from date of purchase. Rechargeable batteries in the TX72M, TX900M, RX72M, and RX900M are warrantied for 2 years. Power Supplies are warrantied for 90 days.

All other parts and accessories are warranted for 90 days from date of purchase.

VoiceAmp® Portable Amplifiers

ARG warrants the following VoiceAmp portable amplifiers (VA20WB, VA20T, and VA30SE) to be free from defects in workmanship and material under normal use and conditions for five years from date of purchase. Batteries for these listed products are warranted for two years from date of purchase.

All other parts and accessories are warranted for 90 days from date of purchase.

Fitness and Cardio Entertainment Products

ARG warrants the following transmitters (ARG-CV-FMT, ARG-CV-900T, ARG-900AT, and ARG-CV-2.4T) to be free from defects in workmanship and material under normal use and conditions for four years from date of purchase.

ARG warrants the following receivers (ARG-CV-FMR, ARG-CV-900R, ARG-900AR, ARG-CV-2.4R and ARG-2.4R) to be free from defects in workmanship and material under normal use and conditions for two years from date of purchase.

ARG warrants the following personal viewing screens and accessories (ARG-PVS15LED, ARG-PVS19LED, ARG-PVSC) to be free from defects in workmanship and material under normal use and conditions for two years from date of purchase.

All other parts and accessories are warranted for 90 days from date of purchase.

The Warranty is only available to the original end purchaser of the product and cannot be transferred. Warranty is void if damage occurred because of deliberate or accidental physical damage, neglect, misuse or if the product has been repaired or modified by anyone other than a factory authorized service technician. Warranty does not include normal wear and tear on the product or any other physical damage unless the damage was the result of a manufacturing defect. ARG is not liable for consequential damages due to any failure of equipment to perform as intended.

The above stated warranty is exclusive and replaces all other warranties express of implied, including those of merchantability and fitness for a particular purpose. ARG will not be held liable for any other damages or loss including incidental or consequential damages and loss of profit or revenues from whatever cause including breach of warranty or negligence.

The terms of the warranty are governed by the laws of the state of North Dakota. This warranty, prices, and the specifications of products are subject to change without notice.

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Repairs and Returns

If you are experiencing difficulty with your system please review the Troubleshooting section of your manuals and user guides for tips and techniques to correct your issues. If you continue to experience problems with your equipment, please call Audio Resource Group, Inc. (ARG) toll-free Customer Service Assistance number at (888) 468-4552.

If it is necessary to return your system for service, you must first be issued a Return Authorization Number (RMA) by our Customer Service Technician prior to sending the system to ARG. All returns must be prepaid by the sender (no freight collect shipments will be accepted). Make sure to clearly mark the RMA number on the outside of the package and ship to:

Ship To:

Audio Resource Group, Inc. Attn: Repair Department 405 Main Ave W Unit 3A West Fargo, ND 58078

Out-of-Warranty Repairs:

We can service/repair most Out-of-Warranty products. These repairs will be charged in accordance with our Flat Rate Repair Schedule. Please contact your sales representative or customer service for a repair quotation under our Flat Rate Repair Schedule.

Repair Quotes:

In some cases, if your product is not listed on the Flat Rate Repair Schedule, we can provide you with a repair price based on an individual repair cost estimate.

Warranty Repairs:

The ARG warranty period begins from date of purchase. Warranty is only available to the original end purchaser of the product and cannot be transferred. We will, at our option, repair or replace any part or product found to be defective in workmanship or material under normal use and condition. Warranty is void if damage occurred because of deliberate or accidental physical damage, neglect, misuse or if the product has been repaired or modified by anyone other than a factory authorized service technician. Warranty does not include normal wear and tear on the product or any other physical damage unless the damage was the result of a manufacturing defect.

Returns for Credit:

Items returned for credit, in "like new" condition (unopened, or original packaging intact), will be issued a full credit (minus applicable shipping charges). Items returned for credit after 30 days are subject to a restocking fee. We are unable to issue credit for any items after 90 days from the date of purchase. Additional fees or partial credit may occur due to missing or damaged items.

Ship To:

Audio Resource Group, Inc. 405 Main Ave W Unit 3A West Fargo, ND 58078 Phone: (888) 468-4552 Fax: (888) 373-4819 repairs@argaudio.com

ARG Repairs and Return policies, programs, and pricing are subject to change without notice.