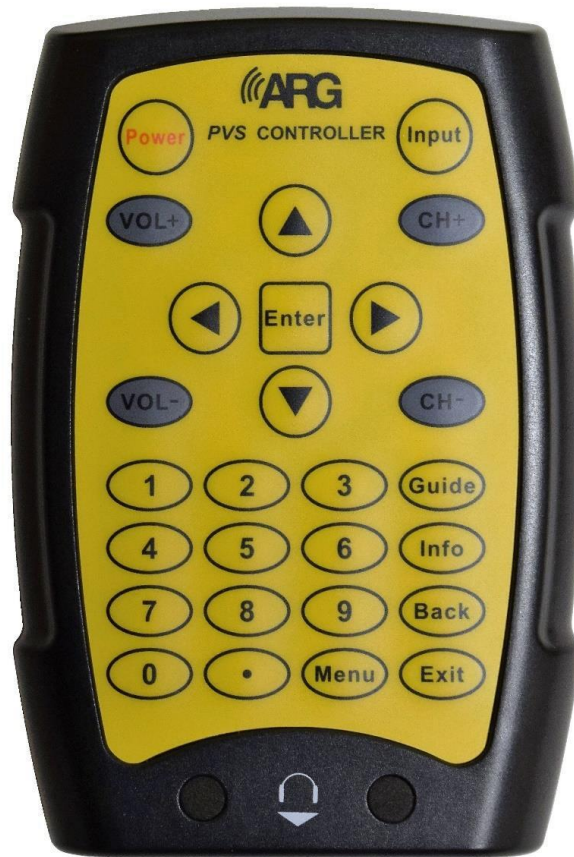


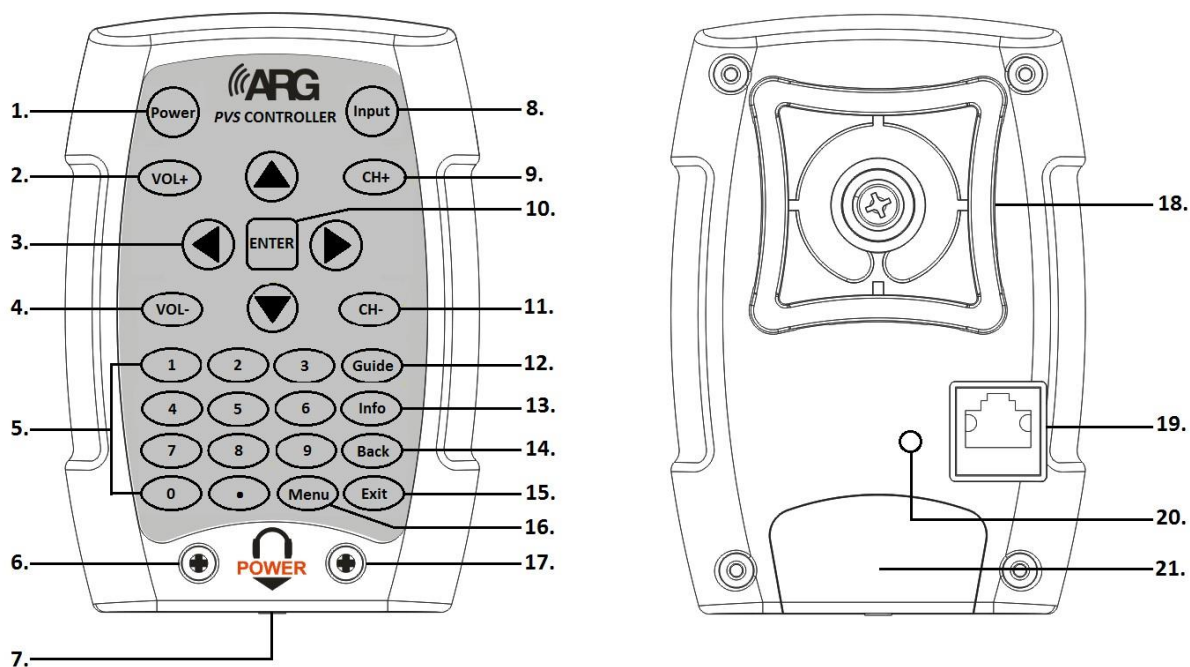
Fitness Entertainment Solutions

Universal Controller Manual and User Guide - ARG-OM37 Item Part # ARG- PVSCU



Updated: 1/5/2017

PVSCU Controller Diagram



1. Power Button
2. Volume Up
3. Left, Right, Up, Down, arrow keys
(Used to navigate screen)
4. Volume Down
5. Number Keys (Used for direct
access to channels)
6. Headphone Jack Screw
7. Headphone Jack
8. Input Button (Used to change
between video source)
9. Channel (+) Up
10. Enter Button
11. Channel (-) Down
12. Guide Button (Used to access the
channel/cable guide)

13. Info Button (Used to access
channel information)
14. Back Button (Returns you to the
previous channel)
15. Exit Button (Used to exit any user
function)
16. Menu Button (Used to access the
menu)
17. Headphone Jack Screw
18. Mounting bracket
19. RJ45 Jack (Used to connect
controller to TV)
20. IR Jack (Used to connect the IR
blaster to any set top box)
21. Headphone Jack Module

Item description



Coiled CAT-5 Cable



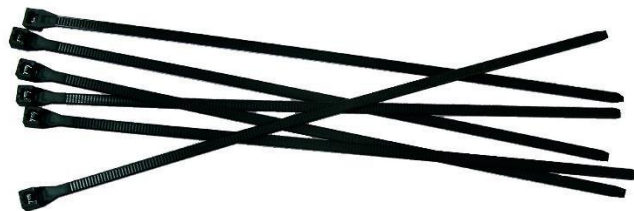
PVSCU Controller



IR cable

3.5mm End

**LED Inferred
Emitter End**



Cable Ties

Installation and Mounting

The ARG remote TV controller is designed to be mounted to most makes and models of cardio equipment. To mount the controller unit, first slide the cable ties through the holes in the mounting bracket on the underside of the controller. Top to bottom if mounting to a horizontal bar (Figure 1); side to side if mounting to a vertical bar (Figure 2); for a 45-degree bar hold the controller face down and pull up on the mounting bracket then rotate to either side and release (Figure 3); (Note: the mounting bracket is spring loaded).



Figure 1.



Figure 2.



Figure 3.

Connect the Coiled CAT-5 cable to the RJ45 terminal (Figure 4); connect the IR cable to the 3.5mm jack (Figure 4).



Figure 4.

Wrap the cable ties around one of the bars on the cardio equipment, placing the controller in a position that will not cause interference with range of motion or safety features. (Figure 5). Pull the cable ties tightly around the bar so that the controller does not rotate. Cut the ends of the ties to eliminate excess (Figure 6).

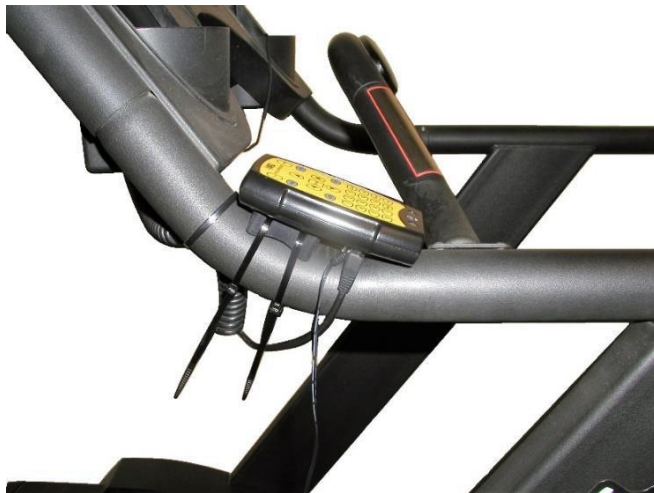


Figure 5.



Figure 6.

Locate the RJ45 jack on the ARG personal viewing screen (Figure 7) Note: location of jack may vary depending upon model of TV; connect the Coiled CAT-5 cable to the ARG personal viewing screen in a manner that will not cause interference with the cardio machine or operator (Figure 8).

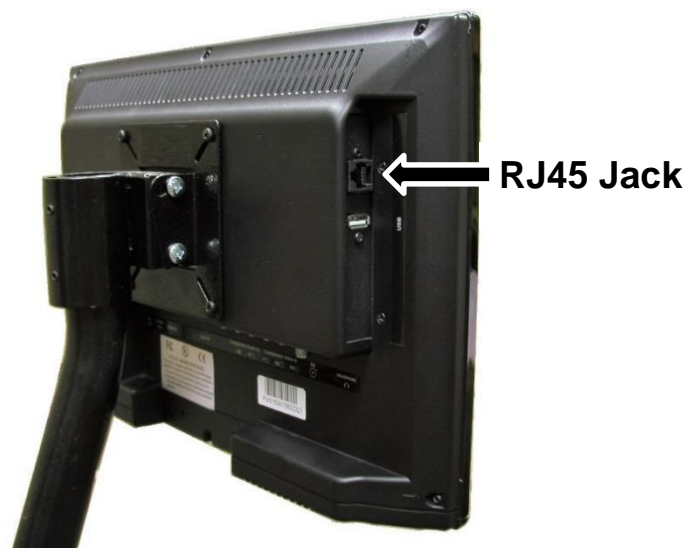


Figure 7.



Figure 8.

Locate the cable box or set top box that's supplying the video feed to the TV. Choose a mounting location that's close to the TV. The location of the cable box can vary and should be mounted close to the TV. Typical mounting locations would be up by the TV, on the TV floor stand, or on the adjacent wall. Try and determine the best you can where the inferred input sensor window is located on the front of the cable/set top box (Figure 9). This is the area where the IR blaster will be attached.



IR Window



Figure 9.

Route the IR cable from the controller along the cardio machine to the cable/set top box in a manner that will not cause interference with the cardio machine or operator (Figure 11). Remove the back of the adhesive tape and attached to the cable/set box (Figure 12). Use cable ties to secure the IR cable and Coiled CAT-5 cable to each other and to the cardio machine where possible to eliminate any loose slack in the cables. (Figure 11).

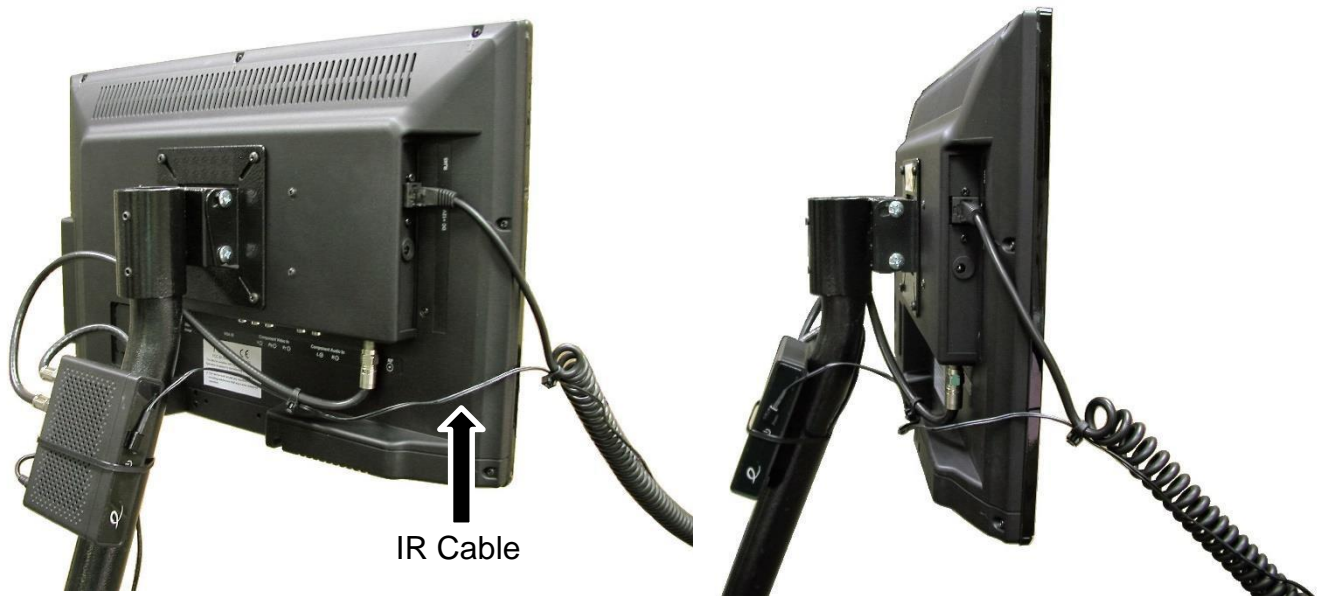


Figure 11.



Figure 12.

Programming and Operating

The ARG PVSCU universal controller can be used as a standard TV controller or in conjunction with a cable/set top box. When the PVSCU controller is programmed for standard operation mode it will only control the functions on the TV. When the PVSCU controller is programmed for multi operation mode it will controller basic function on the TV (power, volume, input); and on the cable box it will control the rest of the functions (channel, guide, info, menu, key pad).

Standard Operation Mode

To place the controller in standard operation mode press and hold **“VOL UP”** and **“0”** for 4 seconds.

Multi Operation Mode

To place the controller in multi operation mode press and hold **“Channel Up”** and **“MENU”** for 4 seconds.

Cable Box Code Programing

Controller must first be placed in Multi Operation Mode **“Channel Up”** and **“MENU”** for 4 seconds. From the list of manufacturer codes find the brand name of cable box that you will be using and the corresponding 3-digit code (Note: if the first code does not work proceed to the next code). If your brand is not listed or if the codes do not work, the controller may not control your cable box. In some cases, codes may operate some, but not all, buttons shown on the controller. Next press and hold **“Channel Down and MENU”** for 4 seconds, input the 3-digit code from the code list and then press **“ENTER”** to set the code.

ABC 084 002 037
 AMERICAST 076
 AT&T 101
 BELL EXPRESSVU 312
 BELL&HOWELL 037
 BELL SOUTH 076
 BRIGHT HOUSE 301
 CABLE ONE 301
 CABLEVISION 301
 CHARTER 301
 CISCO 301 302 207
 COMCAST 301 302
 COX 301
 DIRECTOR 035
 DIREC TV 303 304 305 306 307
 308 309 310 311
 DISH NETWORK 312 313
 DISHPRO 312 313
 ECHOSTAR 312 313
 EXPRESSVU 312
 GE 305
 GENERAL INSTRUMENT 035
 065 084

GOI 312
 GOLDSTAR 060
 HAMLIN 047 005
 HITACHI 310
 HTS 312
 HUGHES NETWORK SYSTEMS
 307 308 309
 INSIGHT 301
 JERROLD 035 065 084 037
 JVC 312
 KNOLOGY 301
 MEDIACOM 301
 MENOREX 007
 MITUBISHI 308
 MOTOROLA 035 065 302
 MOXI 208
 PACE 009 201 301 302
 PANASONIC 007 094 302
 PARAGON 007
 PHILIPS 064 081 307 308 309 311
 PIONEER 068 014 060 020 201
 301
 PROSCAN 304 305

PULSAR 007
 QUASAR 007
 RCA 304 305
 REGAL 083 005
 ROGERS 301
 RUNCO 007
 SAMSUNG 060 201 303
 SCIENTIFIC ATLANTA 068 014
 048 002 301
 SCIENTIFIC ATLANTA/CISCO
 201 202 203 204 205 206
 SONY 096 306
 STARCOM 084
 SUDDENLINK 301
 SUPERCABLE 065
 THOMSON 302
 TIME WARNER 301
 TIVO 307
 TORX 084
 TOSHIBA 007 308 309
 WIDOPENWEST 301
 ZENITH 007 062 076

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 ARG PVSCU universal 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.

1. 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 logo located under the foam inserts (Figure 13).
2. Remove the black foam inserts (Figure 14).
3. Remove the two screws and set the screws off to the side.
4. The headphone jack module will drop out of the unit (Figure 15).
5. Replace the headphone jack module.
6. While holding the new module in place insert and tighten the two screws.
7. Replace the black foam inserts.



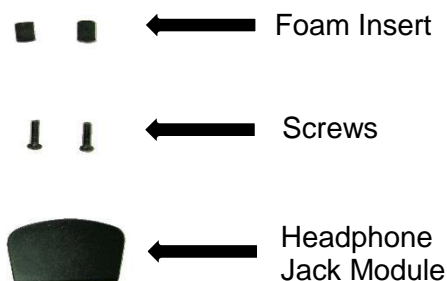
Figure 13.



Figure 14.



Figure 15.



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 warranted for 2 years. Power Supplies are warranted 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 or 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.

Revised 1/4/2017

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.