

VoiceAmp® Tour

20 Watt Portable Amplifier

Manual and User Guide



User Guide Part # ARG-OM035

Table of Contents

Safety Information	3
System Contents	4
System Features	4
System Controls	5
Quick Use Guide	5-6
Troubleshooting Guide	6
Technical Specifications	7
Warranty Information	8

Safety Information



This product is designed to amplify sounds to a high volume level which could potentially cause hearing loss if used improperly and cause damage to your equipment.

To protect your hearing and the hearing of others:

1. Always begin using the amplifier at its lowest volume setting. Then adjust the amplifier to a volume that provides the best coverage for your application.
2. If feedback (a high pitch squealing sound) occurs:
 - immediately move the microphone away from the speaker
 - reduce the volume level on the speaker
 - move the microphone to the side and behind the speaker, never use it directly in front of the speaker
 - point the microphone away from the speaker
3. Do not allow children or unauthorized persons access or use of this product.



**Risk of
Electric
Shock!**

- THIS PRODUCT HAS BEEN DESIGNED AND MANUFACTURED TO ENSURE YOUR PERSONAL SAFETY SO PLEASE READ AND FOLLOW THE INSTALLATION AND OPERATIONS INFORMATION IN THIS MANUAL.
- TO REDUCE THE RISK OF ELECTRIC SHOCK AND FIRE HAZARDS, DO NOT MODIFY OR DIS-ASSEMBLE. SERVICING SHOULD BE PERFORMED BY QUALIFIED FACTORY PERSONNEL ONLY.
- IMPROPER USE CAN RESULT IN POSSIBLE ELECTRICAL SHOCK OR FIRE HAZARDS.
- DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE.
- THIS PRODUCT SHOULD BE USED WITH THE SUPPLIED SWITCHING POWER SUPPLY AND 110-125V AC OUTLET ONLY.



Product Recycling Instructions

DO NOT DISPOSE ELECTRONICS IN THE HOUSEHOLD TRASH!

Help ARG protect our environment by locating an electronics recycling center.

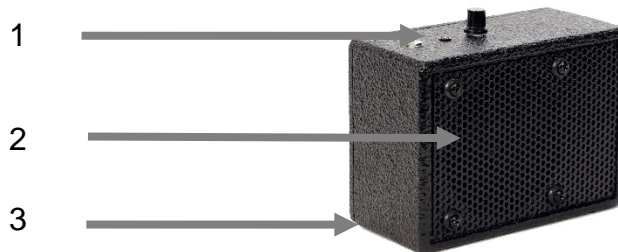
Unpacking the box – Inside the box of your new VoiceAmp® Tour you will find the following items.

1. The VoiceAmp® Tour Portable Amplifier
2. The battery charger (ARG-PS004)
3. A Padded Waist Pack (ARG-CC24)
4. A shoulder strap (ARG-SS1)
5. A lightweight headband microphone (ARG-MP14)
6. The user manual (ARG-OM035)

Optional Accessories

1. Omni-directional lapel microphone (ARG-MP05)
2. Uni-directional lapel microphone (ARG-MP06)
3. Lightweight headset microphone (ARG-MP13)

VoiceAmp® Tour System Features



1. Simple, easy-to-use controls
2. 4" Speaker
3. Durable Wood Cabinet. An engineered wood product (MDF) is used to construct each cabinet, helping to deaden outside sound and vibration which produces a richer, warmer sound when compared to molded plastic housings.



4. Padded Waist Pack, with an optional shoulder strap, for versatile, hands-free, portable operation.
5. Lightweight, compact case design is comfortable to use for extended presentations without fatigue.

VoiceAmp® Tour System Controls



1. **Microphone/Line-In Input Jack:** Mono 3.5mm jack for connecting microphone.
2. **Charging Jack:** Plug the ARG-PS004 battery charger into this port to charge the battery.
3. **Power and Charge Indicator LEDs:** The power indicator LED is green when the amplifier is ON. It will turn orange to indicate a low battery. The charge indicator LED is red when the unit is charging and will shut off when a full charge is completed.
4. **On/Off Audio Volume Control:** Turn the control knob clockwise to turn the amplifier ON and to increase the audio input level. Turn the control knob counter clockwise to turn the amplifier OFF and to decrease the audio input level.
5. **Mute:** Press and hold the MUTE button for 2 seconds to mute the audio input from the headset microphone. The power indicator LED will blink when the amplifier is muted.

VoiceAmp® Tour Quick Use Guide

1. **Plug in the battery charger to charge the battery:** FULLY charge the on-board lithium battery pack before using. To charge the battery, plug the ARG-PS004 battery charger into the power charging jack located on the side of the amplifier. Plug the other end into a 110-125V AC outlet. The power indicator LED on the top of the amplifier will illuminate RED while in the charge cycle; once the battery is fully charged the power indicator LED will turn off to indicate the battery is fully charged. *Note: The VoiceAmp® Tour amplifier can operate for 24+ hours on average when using a fully charged battery at a medium volume level. Battery life is directly related to the volume level; the louder the level, the higher the current consumption resulting in less operation time. **IMPORTANT: The battery can only be removed/serviced by a factory trained technician.***
2. **Disconnect the battery charger from the speaker:** To take advantage of the portability of the VoiceAmp® Tour, unplug it from the battery charger to use.
3. **Prepare the VoiceAmp® Tour for use:**
 - a. Slide the amplifier into the padded waist pack and fasten the Velcro strips to securely hold in place.
 - b. Use as a waist pack or attach shoulder straps onto the padded case depending on use or personal preference. For the best possible coverage and to produce balanced audio for your entire audience, the amplifier should face toward the crowd. To reduce the risk of feedback, position the amplifier so it will not be directly in front of the head worn microphone. Avoid leaning or bending so the microphone is directly in front of the amplifier.

4. **Connect the headband microphone:** Plug the microphone into the MIC/Line Input Jack. Adjust the headpiece to position on your head with the flexible microphone one inch or less from your mouth.
5. **Power-up and use the VoiceAmp® Tour:**
 - a. Rotate the ON/OFF/Audio Level Control clockwise to turn unit on. You will hear a click and the power indicator LED will illuminate GREEN. The amplifier can operate an average of 24+ hours on a FULLY charged battery. The battery life is directly related to the loudness of the speaker. The louder the volume, the higher the current consumption resulting in less battery life. When the battery level gets low, the power indicator LED will turn orange.
 - b. Continue to turn the knob clockwise to adjust the volume level to desired loudness. Set the volume at the lowest level that allows the audience to hear your voice clearly. Remember, the higher the volume level, the shorter the battery life. Also, the louder the speaker is set to, the more likely it is to produce feedback. Use your judgment when setting the output level to balance the loudness with trying to conserve battery life while reducing the risk of feedback.
6. **Power-down and store:** When finished using the VoiceAmp® Tour, rotate the ON/OFF/Audio Level control knob counter-clockwise until it “clicks” to turn the unit off. Remember to connect the battery charger before storing in order for the unit to be fully charged for the next use.

VoiceAmp® Tour Troubleshooting Guide

- A. Thoroughly read the operation manual carefully to verify proper setup and installation of your system before using.
- B. If feedback (a high pitch squealing sound) occurs:
 - Immediately move the microphone away from the amplifier
 - Reduce the master volume level on the amplifier
 - Reduce audio level of input device/s
 - Move the microphone to the side and behind the amplifier. NEVER use it directly in front of the amplifier
 - Point the microphone away from the amplifier
- C. No sound and power indicator LED is OFF:
 - Turn the ON/OFF/Volume knob clockwise and the power indicator LED should illuminate green.
 - Batteries are very low or dead. Connect the battery charger to recharge the batteries.
- D. No sound and the power indicator LED is illuminating green:
 - Turn up the volume control.
 - Check to make sure the microphone cable is plugged in properly.
- E. Power indicator LED is illuminating orange:
 - Battery needs to be charged.
 - Connect battery charger.
- F. Shortened Battery Life:
 - Batteries are not fully charged and need to be completely charged.
 - If battery life continues to diminish prematurely, the amplifier needs to be returned to the factory for battery replacement.
- G. Noisy and/or Distorted Sound:
 - Volume level is too high.
 - Batteries may be weak and need to be changed or charged.
 - Microphone dirty or damaged.

VoiceAmp® Tour Technical Specifications

Rated Power Output	20 Watts CLASS D
Max SPL @ Rated Power	92dB @ 1 meter
Frequency Response	150 Hz – 15 kHz
Switch Power Supply/Battery Charger	INPUT 100Vac-240Vac, 50/60Hz 0.3A OUTPUT: 16V – 0.06A
Built-In Battery	14.8V 3000mAh Lithium Polymer Battery
Dimensions	6.125" (W) x 4.75" (H) x 2.75 (D)
Weight	1.9 lbs.

Inputs:

Mic-In/Line-IN: Mono 3.5mm jack accepts wired low impedance dynamic microphones. Jack also accepts audio devices that have a line-level output including MP3 players, smart phones and CD players.

NOTE: Specifications subject to change without notice.

Warranty Statement

Audio Resource Group, Inc. (ARG) develops, designs and manufactures our own products in order to provide high quality products which provide many years of trouble-free service. The following Warranty Statement defines the warranty periods for each product line and model of equipment manufactured by Audio Resource Group, Inc.

VoiceAmp® Systems

ARG warrants the following VoiceAmp® portable amplifiers (VoiceAmp® Tour, VoiceAmp® SpeakEasy) 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.

ARG warrants the following transmitters (TX900BP, TX900HH) to be free from defects in workmanship and material under normal use and conditions for five 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.

ARG shall bear no responsibility or obligation with respect to the manner of use of any equipment sold by it. ARG specifically disclaims and negates any warranty of merchantability or fitness of use of such equipment including, without limitation, any warranty that the use of such equipment for any purpose will comply with applicable laws and regulations. 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.

Repairs and Returns

If you are experiencing difficulty with your system please review the Troubleshooting section of our 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). **NO RETURNS WILL BE ACCEPTED WITHOUT A COMPANY ISSUED RMA NUMBER AND PREPAID FREIGHT.**

Out-of-Warranty Repairs:

We are no longer able to repair any system that is out of warranty. No RMA numbers will be issued on any systems that are out of warranty.

Exception: The following products (TX72M, TX900M, RX72M, RX900M, VA20T, and VA30SE) under warranty with a rechargeable lithium battery out of warranty may be issued an RMA number to replace the battery at our current replacement pricing. Please contact your sales representative or customer service technician for current pricing.

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 20% restocking fee. We are unable to issue credit for any items after 60 days from the date of purchase. Additional fees or refusal of credit may occur due to missing or damaged items.

Ship To:

Audio Resource Group, Inc.
405 Main Ave W Unit 4G
West Fargo, ND 58078
Phone: (888) 468-4552 Fax: (888) 373-4819
support@argaudio.com

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

User Guide Part # - ARG-OM035