

Specifications

Max. Power	7 Watts
Distortion Factor	5% Maximum
Frequency Response	100-13,000 Hz (± 3 db)
Power Supply	9.6 – 12V (AA Batteries x 8)
Length of Waistband Belt	79"
Dimensions	6.7" x 2.8" x 2"
Weight	10.6 oz (without batteries)



FC This device complies with Parts 15 and Parts 174 of FCC rules

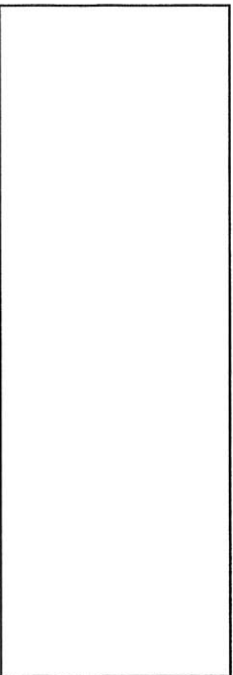
Troubleshooting

No green light, no power or no sound	Power is off	Turn on the ADDvox7
	The rechargeable batteries need to be charged	Recharge the rechargeable batteries
No sound, green light is ON	The batteries need to be replaced	Replace all 8 AA NiMH batteries
	The ADDvox7 may be defective	Contact your dealer
Distorted sound	Microphone not completely plugged into port	Make sure the microphone is properly plugged into the port
	Microphone is defective	Replace defective microphone
	The batteries need to be replaced	Replace all 8 AA NiMH batteries

Warranty

The ADDvox7 amplifier is warranted to be free from defects in materials and workmanship for 1 year. The batteries and the microphones have a 6 month warranty.

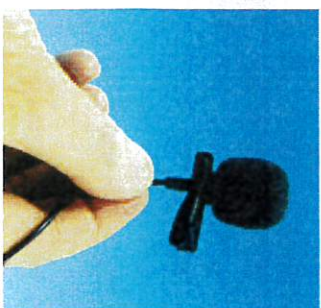
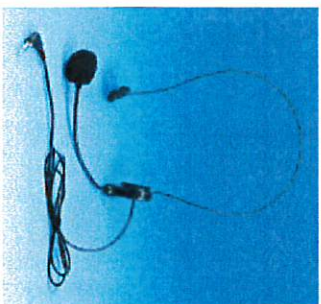
DISTRIBUTED BY:



ADDVOX™ 7watt

Personal Voice Amplifier

Stock No. TR997 W KT 110
Instruction Manual



Thank you for purchasing the **ADDvox7 Personal Voice Amplifier**. For the best performance from your amplifier, we recommend that you read this manual thoroughly and retain it for future reference.

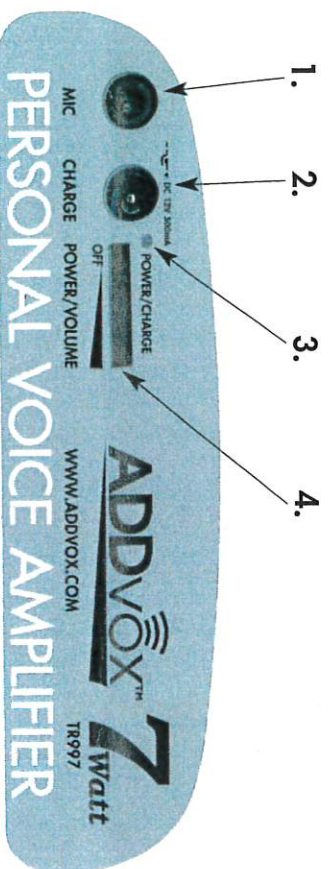
Your high performance ADDvox7 is a powerful 7 watt personal amplifier enclosed in a durable housing with an efficient 2 1/2" speaker. This kit contains headset and lapel microphones, 8 AA NiMH rechargeable batteries, a charger/adaptor (the charger is built into the amplifier) and a pouch for storage and portability.

IMPORTANT

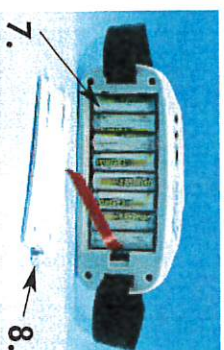
DO NOT CHARGE Alkaline batteries or any other type of non-rechargeable battery.

DO NOT use the 12V DC CHARGE port as a power source for the ADDvox7. The Amplifier will only work with charged batteries.

LOCATION AND FUNCTION OF PARTS AND CONTROLS

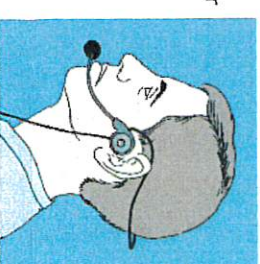


- 1 MIC – this is a 3.5 mm condenser microphone input jack.
- 2 CHARGE – this is a 12V DC input jack with a positive tip. The port is used to charge rechargeable batteries only.
- 3 POWER/CHARGE LED – The LED indicator light will turn green when the ADDvox7 is powered on and red when the rechargeable batteries are being charged.
- 4 POWER/VOLUME – this is the on/off switch and volume control dial.
- 5 SPEAKER
- 6 BELT – adjustable up to 79"
- 7 BATTERY HOUSING – for 8 AA batteries
- 8 BATTERY HOUSING COVER
- 9 HEADSET MICROPHONE
- 10 LAPEL MICROPHONE
- 11 STORAGE POUCH



Operating the ADDvox7

1. Open the battery compartment by pushing the tab lock to the left (this will allow you to lift the cover). Insert the 8 AA NiMH rechargeable batteries (supplied) according to the diagram in the compartment (TIP: the flat negative end of the battery goes into the end of the battery slot with the spring). You may test the ADDvox7 now but be aware that the batteries must receive a deep cycle charge (24 hours) before the ADDvox7 is to be used for the first time.
 2. Connect the charger adaptor into the CHARGE port (picture diagram #2) on the top of the amplifier. Plug the AC adapter into a working outlet. Charge the ADDvox7 for 24 hours (first charge). Thereafter, it is sufficient to charge the unit overnight (8 to 12 hours).
 3. Adjust the amplifier to fit your waist with the amplifier facing out. The band is adjustable to fit up to 79". Wear the amplifier with the speaker facing outward or downward to reduce acoustic feedback (squealing).
 4. Place the headset microphone around the back of the head and rest it on top of your ears with the microphone boom on the left. For best performance, bend the microphone boom so that it is within 1/2" to 3/4" of your mouth and about 1/4" below your lips.
 5. With the amplifier OFF, insert the microphone plug into the MIC port on the top of the amplifier (picture diagram #1). Turn the ADDvox7 on (picture diagram #4). Increase the volume gradually to the desired level.
- The Lapel microphone clips onto your shirt collar and attaches to the ADDvox7, the same as the headset microphone. It may also be used as a hand held microphone.



Feedback

Feedback (squealing) can occur if the volume is too high or when the microphone and the speaker are too close to one another. Wearing the amplifier and approaching a sound reflective hard surface such as a door, blackboard or podium will bounce the speaker's voice back into the microphone and can also cause feedback. In such a situation, aim the system down slightly towards the floor or slide the ADDvox7 amplifier around the waist towards the listener, or place the amplifier on the podium or desk.

Batteries

For best performance, charge the batteries at least once per month. The Nickel Metal-Hydride batteries have a life of approximately 2 years. Actual life will vary dependent upon usage and charging habits. When changing the batteries, change all 8 at once.

CAUTION: Do not use the charger if you have installed disposable or alkaline batteries.

If the unit is not being used for extended periods of time, remove the batteries from the ADDvox7 battery compartment and store them in their plastic cases.

Avoiding Feedback.

Although the ADDvox-7 has proven to be less prone to the high-pitched squeal of feedback than all of the other waist worn amplifiers, the basic laws of physics regarding sound and electronics are unavoidable and must be respected.

Unfortunately, all sound amplification systems are susceptible to the production of feedback. The problem is the result of sound emanating from the electronic speaker in the amplifier being picked up by the microphone thus causing an endless loop of high frequency sound.

Sensitivity and location of the microphone, volume and direction of sound from the speaker (amplifier) and sound reflecting surfaces all influence the possibility for feedback.

Because the high-pitched squeal (feedback) is more easily produced when the microphone is positioned too far from the mouth or in close proximity to the front of the amplifier, the following simple rules will help to avoid the problem:

- a) **Position the microphone to be only about 5mm - 7mm (1/4") in front of the mouth.**
- b) Always direct sound from the front of the amplifier away from the microphone and/or the person speaking.
- c) Try to have the front of the amplifier as far away from the microphone as possible.
- d) Do not allow the front of the amplifier to face a hard surface that will reflect sound back toward the microphone, such as walls, service counters, displays, furniture and windows, etc.
- e) When worn around the waist, have the customer wear the ADDvox-7 as low as possible and make sure it is positioned to direct sound slightly downward or straight ahead (never back or up toward the microphone).

