



# **SPEECHMAKER™**

## **Instruction Manual**

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*PERSONAL SPEECH AMPLIFICATION  
SYSTEM MODEL PKT SYS G*



 **Williams Sound Corp.**  
10399 West 70th St., Eden Prairie, MN 55344-3459  
U.S.A. 800-328-6190 / 952-943-2252 / FAX: 952-943-2174  
[www.williamssound.com](http://www.williamssound.com)



## OVERVIEW

The Williams Sound Speechmaker is a compact, body-worn personal speech amplifier designed to increase the volume of a weak or esophageal voice. The Speechmaker amplifier enables the talker to speak more naturally, reducing the stress and fatigue associated with vocal insufficiency or alaryngeal speech.

The Speechmaker delivers clear, distinct sound, while its large, manageable control provides for easy operation. Each component is individually adjustable to compliment the user's needs.

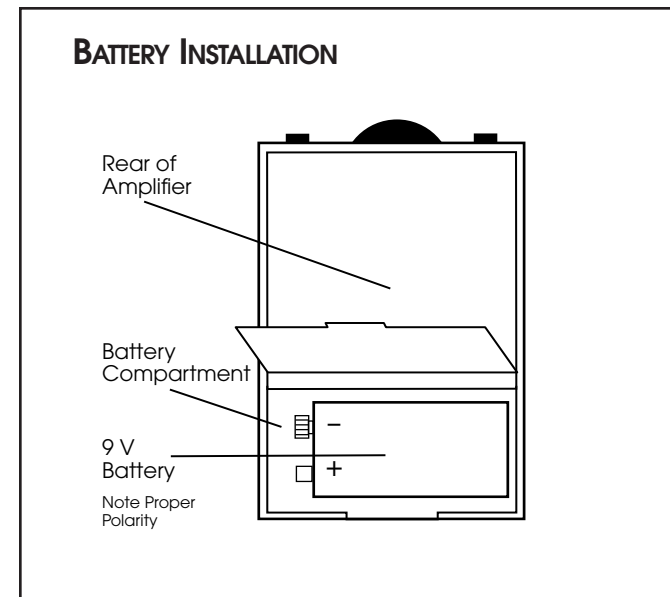
## ACCESSORIES & OPTIONS

To order replacement accessories or optional products, contact your dealer or Williams Sound Corp. at 1-800-843-3544.

<u>ACCESSORY</u>	<u>PART #</u>
Rechargeable Battery (9V)	BAT 003
Battery Charger	BAT 005
Battery Charging Kit	BAT KT4
Mic Windscreen	WND 003
Belt Clip Case	CCS 001
Instruction Manual	MAN 018
Headset Mic	MIC 044
Hand-held Directional Mic	MIC 026
Headset Mic	MIC 074
Rugged Lapel Clip Mic	MIC 063
Mini Lapel Clip Mic	MIC 081

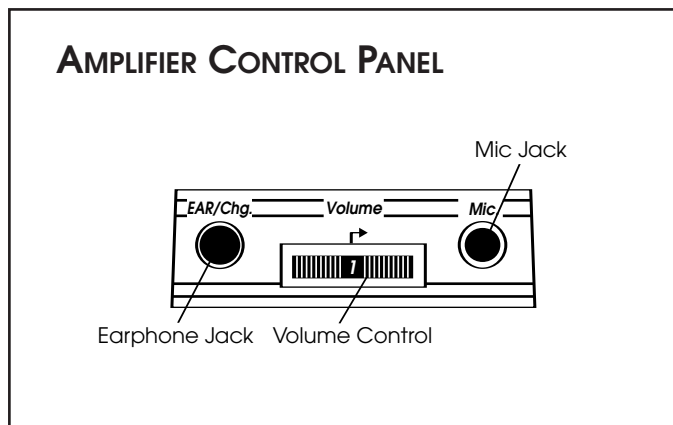
## GETTING STARTED

1. Open battery compartment lid on the bottom of the amplifier by lifting the tab.
2. Press the 9 V Ni-Cad rechargeable battery into place, being careful to observe correct placement of (+) and (-) terminals.



**The rechargeable batteries must be charged before use.** See *Battery Information on page 8.*

3. Plug the microphone into the “MIC” jack and the speaker into the “EAR” jack.
4. Adjust the speaker strap to position the speaker comfortably over the user’s midriff. It can be alternately mounted on a wheelchair, or placed on a desk or table top.



If you experience difficulty with your system, call Toll-Free for Customer Assistance: 1-800-843-3544.

If it is necessary to return the system for service, your Customer Service Representative will give you a Return Authorization Number (RA) and shipping instructions.

Pack the system carefully and send it to:

Williams Sound Corp.  
Attn: Repair Dept.  
10399 West 70th Street  
Eden Prairie, MN 55344-3459

## WARRANTY

Williams Sound products are engineered and designed to provide you with many years of reliable service. Williams Sound warrants the SPEECHMAKER Amplifier against defects in materials and workmanship for FIVE (5) years. Speakers, microphones, earphones, headphones, batteries, chargers, cables, carry cases, and all other accessory products carry a 90 day warranty.

During the first five years from the purchase date, we will promptly repair or replace the SPEECHMAKER Amplifier.

This warranty does not extend to deliberate or accidental physical damage, neglect, misuse, or to products the factory determines have been misused. Unauthorized repairs or modifications will void the warranty.

5. Position the headset microphone with the earpad covering the ear. Adjust the boom microphone directly in front of the user's mouth. The headset can be worn on either side of the talker's head.
6. Turn on the Speechmaker by turning the Volume Control in the direction of the arrow. Turn the knob in the opposite direction to turn the Speechmaker off.
7. Adjust the volume according to your preferences. The number 1 (minimum) through 5 (maximum) will appear as you change the volume setting. 2–3 is a normal volume setting.

## HINTS & TIPS

The SPEECHMAKER has been designed to be as easy to use as possible. However, if you have trouble, check the following:

1. Make sure the microphone is plugged into the “MIC” jack and the speaker is plugged into the “EAR” jack.
2. Make sure the battery is not depleted and has been correctly inserted in the battery compartment.
3. If rechargeable, make sure the battery is sufficiently charged.
4. If you experience a howling or squealing sound (“feedback”), turn down the volume control or move the speaker further from the mic.

## HEADSET MICROPHONE (MIC 044)

Microphone:	Directional (noise-cancelling) condenser, headset-type, 40" cord, 3.5 mm mini phone plug, replaceable windscreen
Weight:	2 oz. (60 g)
Headband Size:	4" – 9" (10 cm – 23 cm) adjustable
Boom Length:	2" – 6.5" (5 cm – 16.5 cm) adjustable

## PORTABLE LOUDSPEAKER (SPK 012)

Dimensions:	5.5" L x 4.5" W x 1.9" D (14 cm x x 11.4 cm x 5 cm)
Weight:	12 oz. (340 g)
Color:	Black
Material:	Thermoplastic, 20" (51 cm) adjustable nylon neck strap
Loudspeaker type:	3.25" (8.2 cm) acoustic suspension, 8 $\Omega$ 14" (36 cm) cord, 3.5 mm mono phone plug

## SPEECHMAKER SPECIFICATIONS

### AMPLIFIER, MODEL PKT B5

Dimensions	3-5/8"L x 2-3/8"W x 7/8" H (92.1mm x 60.3mm x 22.2mm)
Weight:	3.2 oz (90 g) with battery
Color:	Black
Material	Shatter-proof polypropylene
Battery Type:	9 Volt, 7-cell Rechargeable Ni-Cad (BAT 003) or Eveready 522 Alkaline (BAT 006)
Battery Life:	4-5 hours/charge with BAT 003, 20 hours with BAT 006 30 mA, nom. current drain
Frequency Response:	20 Hz to 20 kHz, +10 dB at 10 kHz (electrical response)
Controls:	Rotary On/Off/Volume control
Charging Jack:	The speaker jack also serves as a charging jack for rechargeable battery

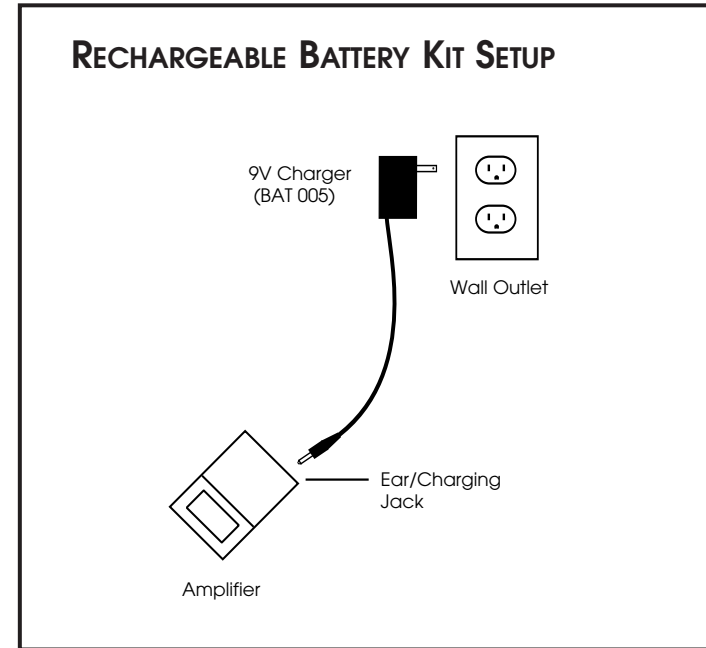
5. The amplifier can be clipped onto a belt, placed in a shirt pocket, or held in the hand. It should be placed within easy reach so the user can adjust the volume control.
6. If the steps above don't solve the problem, contact your Williams Sound Dealer for further instructions.

## BATTERY INFORMATION

The SPEECHMAKER operates on either a 9 V Ni-Cad rechargeable (BAT 003) or standard 9 V alkaline battery. Using the rechargeable battery helps you operate your SPEECHMAKER more economically.

This battery is shipped in a discharged state and must be charged for 14-16 hours before its first use.

1. Install the Ni-Cad battery according to the steps on page 3.
2. Make sure the SPEECHMAKER is turned off.
3. Plug the charger into the Earphone/Charging jack on the control panel of the amplifier.



4. Plug the charger into a wall outlet. The battery should be fully charged in 14-16 hours.

**WARNING:**

**Do not attempt to charge non-rechargeable batteries!**