

user guide

920SR speaker 921T body-worn transmitter 922T handheld transmitter 923C charging stand





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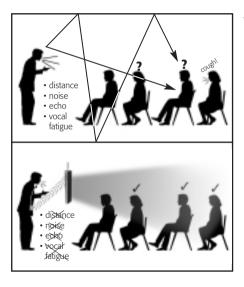
introduction

Congratulations on the purchase of your new Radium sound field system! With proper care and use it will become one of your most valuable classroom educational tools. Students will be able to consistently and easily understand the teacher, regardless of their location in the classroom, or competing internal or external background noise. Teachers can speak all day in their normal voice, and will suffer far fewer vocal problems and absenteeism.

Numerous studies show that classrooms using sound field enjoy better student comprehension, increased student participation, better grades and fewer behavioral referrals.

Read this manual carefully to become familiar with your system and to get the most out of it's many features and options.

understanding sound field and its benefits



without sound field

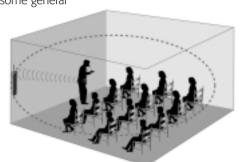
with sound field

installation tips

Before you set your system up, take a good look around your room. Where are the outlets located? Where are the computers and other electronic equipment? Where can you put your speaker so it's easy for you to reach, but out of the way of students and main traffic areas? Though each classroom is different, there are some general

guidelines for speaker placement:

The speaker should be at the front of the classroom at least 6 feet/1.8 meters away from where the teacher stands. Try to keep it at least six feet away from computers or other electronic equipment, since there may be interference if placed too closely together.



basic system guidelines

To help ensure that you get the most from this system, we have put together a list of suggested guidelines.

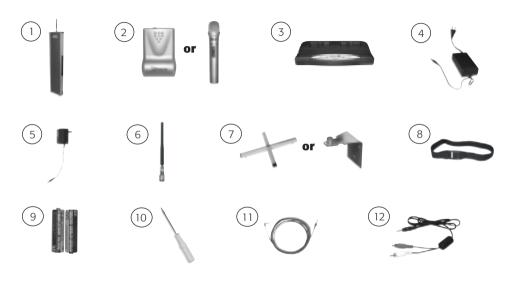
Charge transmitter batteries every night. Our rechargeable Nickel Metal Hydride batteries last approximately 12 hours between charges, but should be recharged every night so they are ready to go in the morning. Plan on buying new NiMH batteries after 12 months of use. Alkaline batteries can also be used, and they will last approximately 15 hours. NEVER attempt to recharge alkaline batteries! This will cause damage to the transmitter units and may invalidate product warranty.

Charge the 920SR receiver batteries every night. The column speaker rechargeable battery lasts approximately 5-8 hours between charges, but should be recharged every night so it's ready to go in the morning. For daily use, we recommend unplugging the power supply cord, allowing the battery to power the unit. Continuous, daily operation with the power supply cord plugged in will reduce the life of the battery significantly.

Do not coil the microphone cord. Since it also acts as your antenna, coiling or wrapping the cord will affect its range and may also reduce its life.

Speak at a normal level — the system is projecting your voice for you.

accessories included with system



- 1) column speaker receiver (920SR)
- 2 body-worn transmitter (921T)

or

handheld transmitter (922T)

- 3 charging stand (923C)
- 4 power supply, receiver (040-7402-106)
- 5 power supply, charging stand (040-7402-107)
- 6 receiver antenna (AT0831)

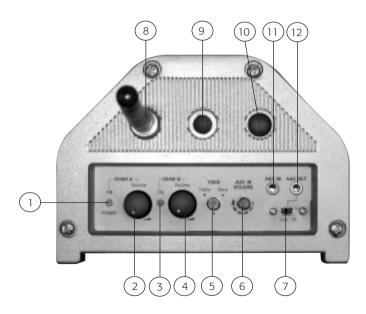
7 speaker table stand (AT0823)

or

wall mounting bracket (set of 2) (ATO820)

- 8 elastic belt (AT0712)
- (9) AA rechargeable NiMH batteries (AT0807)
- (10) channel changer screwdriver (330-3000-101)
- (11) auxiliary input/output cable (AT0532-05)
- (12) auxiliary input cable (3.5mm dual RCA) (300-6332-107)

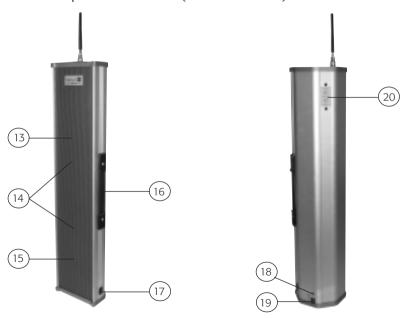
920SR column speaker features (top)



- 1 power, low battery, and reception status indicator for channel A
- 2 power switch and volume control for channel A
- 3 reception status indicator for channel B
- 4 power switch and volume control for channel B
- 5 tone control
- (6) aux input volume control

- 7 aux output level switch See page 42 for level setting chart
- 8 antenna
- 9) wall mount hole
- (10) extra antenna hole (not used)
- (11) aux input jack (3.5mm, mono)
- (12) aux output jack (3.5mm, mono)

920SR column speaker features (front and back)



(13) speaker grille

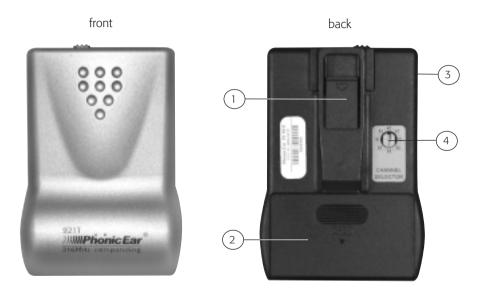
19) power jack

(14) two built-in speakers

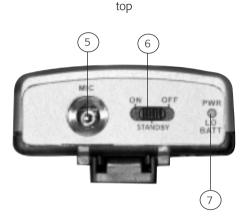
20) channel selectors

- (15) internal rechargeable battery (non-user removable)
- 16) handle
- (17) main power on/off switch
- (18) power and charging indicator

921T body-worn transmitter features



921T body-worn transmitter features (cont'd)



- 1) belt clip
- 2 battery compartment
- 3 volume control
- 4 channel selector
- (5) microphone input (2.5mm)
- 6) 3 position power switch







(mute)

7) power and low battery indicator light

922T handheld microphone features



- 1 LED indicator light
- 2 3 position power switch







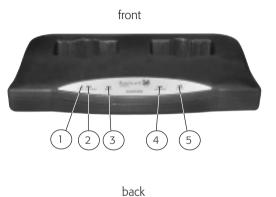
on

standby (mute)

off

- 3 channel selector
- (4) battery compartment
- 5 channel selector key (inside battery compartment)

923C charging stand features

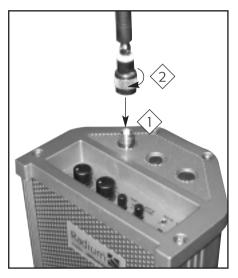


6 7

- 1 power indicator
- 2 pocket 1 charging indicator
- (3) pocket 1 full charge indicator
- 4 pocket 2 charging indicator
- (5) pocket 2 full charge indicator
- (6) power switch
- (7) DC power socket

basic system setup and operation

attach antenna





> Attach antenna to top of speaker



Turn metal base of antenna clockwise until secured tightly (do not over-tighten)

turn on main power



if using wall outlet



Plug power supply into power/charging socket



Plug power supply into wall socket



Turn speaker on

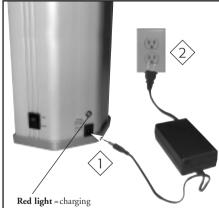
if using already charged battery



Turn speaker on

NOTE: Battery operating time is 5-8 hours.

charge battery



Flashing red/green (equal duration) = 80-90% charged Long flash green, short flash red = fully charged

NOTE: Light is not illuminated during normal battery operation

charge nightly after every use



Plug power supply into power/charging socket



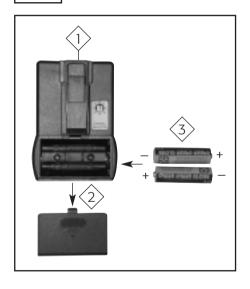
Plug power supply into wall socket

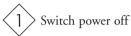
Recharging time is 8 hours if the battery is completely discharged and 4 to 7 hours if battery is only partially discharged.

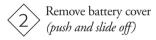
Continuous operation with power supply will reduce life of battery significantly.

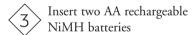
NOTE: Battery operating time is 5-8 hours.

inserting batteries in body-worn transmitter





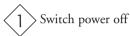


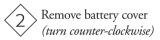


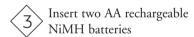
WARNING: Never recharge alkaline batteries! Will cause damage to the unit and may void warranty.

inserting batteries in handheld microphone





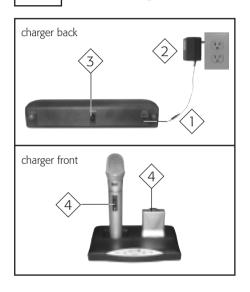




WARNING: Never recharge alkaline batteries! Will cause damage to the unit and may void warranty.

charge transmitter(s)

Never recharge alkaline batteries! May cause damage to the unit.





Plug power supply into power jack on back of charger stand



Plug power supply into wall socket



Turn charger on



Turn transmitters off while charging

wait until full charge indicators light (4-5 hours)





PWR:

Red light = charger is turned on



CHARGING:

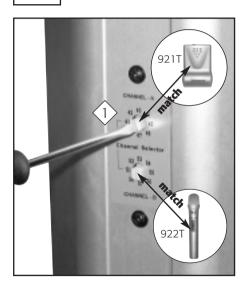
Amber light = units are being charged

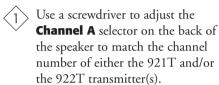


READY:

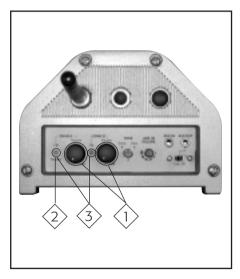
Green light = units are fully charged

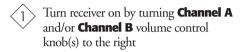
select channel





activate receivers





- Check power indicator light
 (remember tht main power must
 also be on see 2):

 Flash red once = adequate power

 Continuous red = low battery

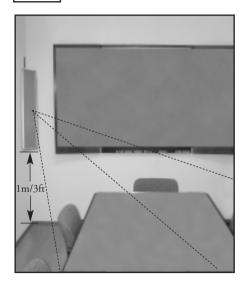
 No light = battery does not have
 power and requires recharging or
 power supply is not connected properly
- Turn on a 921T or 922T transmitter and check FM indicator light(s):

 Green = receiving FM signal



920SR speaker placement and mounting

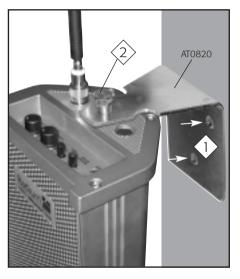
speaker positioning



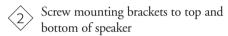
Place speaker in a corner of the room facing listeners. Mount speaker on wall using brackets or place speaker on a surface using a speaker stand. The bottom of the speaker should be about 1 meter/3 feet from the floor.

11a

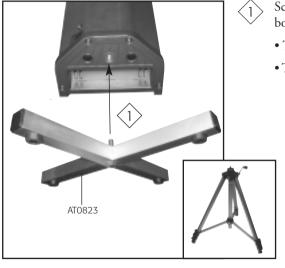
wall mounting (option 1)







mounting on floor stand (option 2)



Screw speaker stand into hole on bottom of speaker.

- Turn clockwise to tighten
- Turn counter-clockwise to loosen

AT0824 floor stand is also available

11c

seal wall mounting hole if using table stand

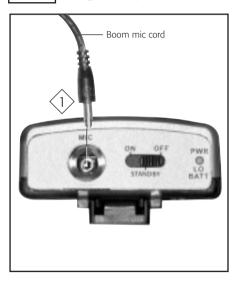




Place plastic plug into mounting bracket hole on top of speaker to keep out dust

921T body-worn transmitter operation

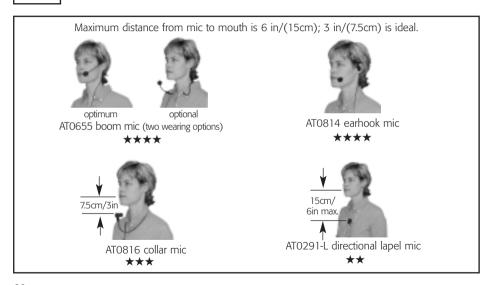
plug microphone in



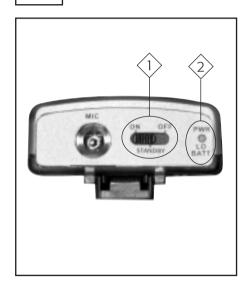


Plug microphone cord into **mic** jack on top of body-worn transmitter

put on microphone and adjust for proper distance from mouth



turn power on





Switch power on



2 Check indicator light:

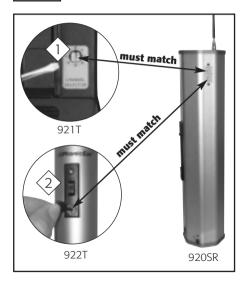
Continuous green = adequate power **Continuous red** = low battery

battery life

NiMH rechargeable AA = 20 hours, typical Alkaline disposable AA = 23 hours, typical

WARNING: Never recharge alkaline batteries! Will cause damage to the unit and may void warranty.

adjust transmitter(s) frequency





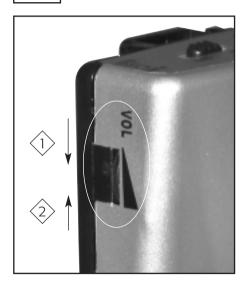
Use a screwdriver to turn frequency selector to channel number that matches the channel set on column speaker



If using both body-worn and handheld transmitters set one transmitter channel to match a Channel A on the speaker column, and the other transmitter channel to match a Channel B channel on the speaker column.

NOTE: Never operate two transmitters on the same channel or interference will result. To use two transmitters, set the first to match receiver Channel A and the second to match receiver Channel B.

adjust body-worn transmitter volume



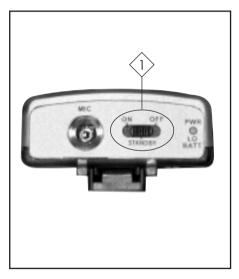


Increase transmitter volume for greater mic sensitivity and sound clarity



Reduce transmitter volume if feed-back occurs

activate standby/mute mode





Activate **standby** mode to eliminate white noise when not speaking

NOTE: Standby mode can also be used as a microphone/transmitter mute switch. The mute feature allows teachers to have a private conversation without needing to turn the transmitter **off.**

922T handheld transmitter operation

turn power on





Turn power on by pushing power switch up

check indicator light





Check indicator light:

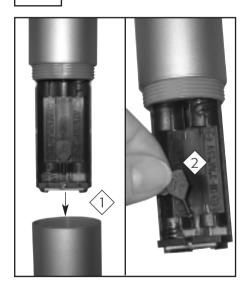
Continuous green = adequate power **Continuous red** = low battery

battery life

NiMH rechargeable AA = 23 hours, typical Alkaline disposable AA = 27 hours, typical

WARNING: Never recharge alkaline batteries! Will cause damage to the unit and may void warranty.

remove channel adjustment key





Open battery compartment door and remove batteries



Remove channel adjustment key

adjust transmitter channel to match receiver channel





Using adjustment key, turn channel frequency selector to channel number that matches the channel set on column speaker

NOTE: Never operate two transmitters on the same channel or interference will result. To use two transmitters, set the first to match receiver **Channel A** and the second to match receiver **Channel B**.

standby mode





Activate standby mode to mute voice and eliminate white noise when not speaking



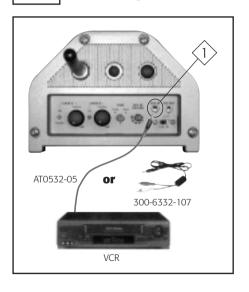
transmitters that can be used with 920SR receiver/speaker

 $\star\star\star\star=$ most compatible $\star=$ least compatible

transmitter	compatible (no adaptor cord required)	performance rating	accessory needed	comments
921T Radium	>	***	none	
922T Radium	>	****	none	
330T EasyListener 2	>	****	none	
300TS-216 Sprite	V	***	none	best when used with ATO655 boom mic
Lexis transmitter (as mic)	V	***	V	a) Lexis requires the use of the ATO655R boom mic b) may require use of external antenna for better range (389-02-120-02) c) set microphone to omni mode d) set sensitivity level to HI
Phonak Campus S TX5	~	***	~	due to feedback, use of external boom mic from Phonak is recommended
Phonak HandyMic TX3	N/A	N/A	N/A	a) built-in mic prone to feedback b) requires use of external mic, which the HandyMic does not accommodate

connecting to auxiliary devices

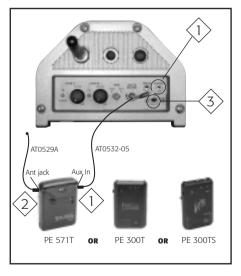
connecting speaker to VCR





Using either the AT0532-05 or 300-6332-107 adaptor cords, connect VCR, TV, CD, computer or other audio source to **AUX IN** port on top of speaker

connecting to Solaris, Easy Listener, Sprite or other transmitter (for rebroadcast of audio to students with hearing impairment)



- Connect AT0532-05(ft) cord to **AUX** input jack of either SOLARIS,

 EASY LISTENER, SPRITE, or other transmitter. Connect other end of cable to **AUX OUT** port on top of speaker.
- Connect antenna AT0529A (included with transmitter system) to **Mic/Ant** jack on transmitter
 - Refer to level setting gide on next page to identify proper level for your transmitter



aux out transmitter compatibility chart and level setting guide

NOTE: Common transmitters and recommended level settings are shown below. Because the level setting is universal, other transmitters not listed below may be used as well – simply set the **aux out** level to the position control until the receiver wearer hears a strong distortion-free signal.

product name/part	aux in jack size	aux out level setting
Easy Listener 330T	3.5mm	High
Sprite 300TS	3.5mm	High
Sprite 300TS-216	3.5mm	High
Solaris 571T	3.5mm	High
Lexis 871T transmitter	3.5mm*	High
Phonak Campus TX5	3.5mm*	High
Phonak HandyMic TX3	3.5mm*†	High
Phonak MicroVox TX2	2.5mm	High

^{*} For transmitters with a 3.5mm jack size, simply attach the transmitter to the AT0805 aux out accessory cord. For 2.5mm products, use the aux out adapter plug (310-2544-1341)

† Requires special adaptor cord provided by Phonak

additional system accessories

microphone options



AT0655 behind-the-neck boom microphone



AT0814 earhook microphone



AT0816 FM collar microphone with mute switch



AT0291-L directional microphone with lavalier cord

receiver accessories



AT0820 wall mounting bracket (set of 2)



AT0823 speaker table stand



AT0824 speaker floor stand



AT0822 carrying bag



AT0801 aux-box (adds four additional audio inputs)

additional system accessories (cont'd)

transmitter accessories



AT0532-15 auxiliary input/ output cable (3.5mm-dual RCA) (15ft/4.6m)



AT0529A transmitter antenna



310-2544-1341 aux-out adaptor plug (3.5mm-2.5mm)

troubleshooting

no FM reception (Channel A, Channel B indicator does not have green light)

- · Verify the transmitter is turned on
- Verify the frequency number on the transmitter matches the frequency number on receiver
- · Verify transmitter batteries are charged
- Verify speaker antenna is connected properly

weak sound from speaker

- Increase volume on the speaker
- Turn up transmitter volume (922T only)
- Make sure AT0655 boom microphone (or other mic) is being worn correctly

speaker is receiving a signal but no sound is coming out

• Verify microphone is connected properly to transmitter and is working correctly

feedback from speaker

- Turn down the volume on the transmitter (922T only)
- Turn down the volume on the speaker
- Make sure the person wearing the transmitter is not too close to the speaker
- Move speaker so that it is facing away from presenter and toward listeners
- Make sure AT0655 boom microphone (or other mic) is being worn correctly

troubleshooting (cont'd)

speaker does not turn on (power indicator does not flash red)

- Verify main power switch on the bottom of the unit is turned on
- Verify Channel A and Channel B volume control knobs are turned on
- Verify power supply is plugged securely into speaker and wall socket
- · Verify wall socket works

speaker battery does not charge

 Connect power supply to speaker and charge for four hours. If speaker battery does not hold a charge, send the unit to Phonic Ear Service department for replacement (battery must be replaced after one year of continuous use).

speaker is picking up FM interference or hum

- Check to make sure no other wireless systems are operating on similar frequencies
- Check to make sure the system is not placed too close to a computer
- Check to make sure metal objects are not placed too close to transmitter or speaker (i.e. jewelry, metal shelves)

Radium channel numbers and corresponding frequencies

Channel #	Channel A	Channel #	Channel B
41	216.025 MHz	51	216.525MHz
42	216.075MHz	52	216.575MHz
43	216.125MHz	53	216.625MHz
44	216.175MHz	54	216.675MHz
45	216.225MHz	55	216.725MHz
46	216.275MHz	56	216.775MHz
47	216.325MHz	57	216.825MHz
48	216.375MHz	58	216.875MHz

product specifications

two channel column speaker: 920SR

carrier frequency range/ frequencies	216.025 –216.875MHz 16 total
modulation	FM (F3E)
output power	maximum 36W @ 4 Ω x 2
power requirements	110V/240V AC adaptor 15V DC/2A, Battery 12V/2.7A (rechargeable, sealed lead-acid, 1-1.5 year life with continuous usage)
frequency response	100Hz – 9kHz
total harmonic distortion	<2%
system signal-to-noise ratio	>65 dB (at rated output)
inputs	AUX x 1, power & charge
output	AUX x 1 (High: 700 mV/Low: 100mV)
controls	tone, channel A & channel B

dimensions (wxHXD)	100 x 660 x 145 mm/ 3.9 x 26 x 5.7 in
weight	5kg/11lbs
recharging time	8 hours for initial charging 4–7 hours for recharging
battery operating time	5-8 hours (continuous operation)
speaker stand	optional table stand (AT0823), floor stand (AT0824), or wall brackets (AT0820)
de-emphasis	75μs
squelch	RSSI

product specifications (cont'd)

body-worn transmitter: 921T

carrier frequency range/	216.025 -216.875MHz
frequencies	16 total
modulation	FM (F3E)
total harmonic distortion	<1.5%
frequency response	50Hz to 12KHz
frequency stability	.0005%
maximum modulation	± 25KHz, with level limiting
pre-emphasis	75μs
dynamic range	100dB
operating range	>34m/110ft
dimensions (wxHXD)	65 x 90 x 25 mm/ 2.5 x 3.5 x 1 in
weight	51g/1.8oz
controls	on/standby/off/channel selector/volume
inputs/outputs	2.5mm microphone input jack
·	

battery	NiMH rechargeable (1600mA); alkaline disposable (2AA)
battery life	NiMH rechargeable: 20 hours typical alkaline disposable: 23 hours typical
recharging time	6 hours

product specifications (cont'd)

handheld mic transmitter: 922T

carrier frequency range/	216.025 -216.875MHz
frequencies	16 total (see chart below)
mic	dynamic microphone
antenna	built-in
RF output	15mW
battery	NiMH rechargeable battery; alkaline disposable; 1.5V x 2 AA
battery life	NiMH rechargeable: 23 hours typical alkaline disposable: 27 hours typical
recharging time	6 hours (NiMH batteries)
dimensions (dia x length)	54 x 237 mm/2.1 x 9.3 in
weight	230g/8.1oz
controls	on/standby/off/channel selector

charging stand: 923C

AC adaptor (DC 12V/0.5A)
LED green = battery ready
LED orange = recharging
LED red = power on
NiMH (1300mA): 4 hr
135 x 47 x 230 mm/5.3 x 1.9 x 9 in
360g/12.7oz
on/off switch

warranty

time period of warranty

This warranty will go into effect upon the date of purchase and will stay in effect as long as the instrument remains the property of the original owner. EASYLISTENER 2™, VOCALIGHT™ and ONWAVE™ have a 3-year warranty. All other products have a 1 year warranty.

what is covered by this warranty

Any electronic component, which because of work-manship, manufacturing or design defects, fails to function properly under normal use during the life of this warranty will be replaced or repaired at no charge for parts or labor, when returned to the factory service center. Transportation in is paid by the customer. If it is determined that repair is not feasible, the entire unit may be replaced with an equivalent unit upon mutual agreement of the manufacturer and customer.

what is not covered by this warranty

This limited warranty does not apply to:

- Malfunctions resulting from abuse, neglect or accident
- 2. Instruments connected, installed, used or adjusted in any manner contrary to instructions provided by the manufacturer
- 3. Consequential damages and damages resulting from delay or loss of this instrument. The exclusive remedy under this warranty is strictly limited to repair or replacement as herein provided
- 4. Products damaged in transit unless investigated by the shipper and returned to the warrantor with the investigation report
- **5.** Peripheral accessories as itemized within the product specification sheet as applicable, when such items are not returned within 1 year from original purchase
- **6.** Batteries if applicable

warranty (cont'd)

Phonic Ear Inc. reserves the right to make changes in the design or construction of any of its instruments at any time without incurring any obligation to make any changes whatsoever on units previously purchased.

This warranty is in lieu of all other expressed warranties. All expressed and implied warranties will terminate upon the expiration of this written warranty. No representative or person is authorized to represent or assume for us any liability in connection with the sale or use of our products other than as set forth above.

what to do if you have questions

If you have any questions about service, call the service department at **800.227.0735**, **then press 7**.

what to do if you need service

If you require service under the warranty terms, obtain a service order form either online at **www.phonicear. com/support.asp** or through our U.S. customer service department at **800.227.0735**, **then press 5** (or +1.707.769.1110 outside the U.S.). Fill the form out completely remembering to include:

- 1. Description of the problem
- 2. Your billing address
- **3.** Your shipping address (if different from billing address)
- 4. Contact name and phone number
- **5.** A P.O. number if the equipment is not under a warranty or service contract

warranty (cont'd)

Then, carefully package the equipment in the original shipping container to prevent damage and send it postpaid to the service center near you:

USA/International:

Phonic Ear Inc.

3880 Cypress Drive Petaluma, CA 94954-7600 U.S.A.

In Canada:

Phonic Ear Ltd.

10-7475 Kimbel Street Mississauga, Ontario L5S 1E7 Canada

what to do if you have questions

If you have any questions about service, call the service department at **800.227.0735**, **then press 7**.

about your batteries

To ensure that your batteries are as fresh as possible upon arrival, we have intentionally not installed them in your equipment.

install your batteries in your equipment now, then charge overnight before initial use

(see user guide for charging procedure).

avoid battery corrosion

To avoid battery corrosion and damage to your equipment, **do not recharge disposable or rechargeable alkaline batteries.** Before charging any Phonic Ear equipment make sure only NiCad or NiMH rechargeable batteries are installed. As an added precaution, remove batteries if the equipment will not be used for several weeks.

code of federal regulations (united States only)

21 C.F.R., part 801.420 - important notice for prospective hearing instrument users

Good health practice requires that a person with a hearing loss have a medical evaluation by a licensed physician (preferably a physician who specializes in diseases of the ear) before purchasing a hearing instrument. Licensed physicians who specialize in diseases of the ear are often referred to as otolaryngologists, otologists, or otorhinolaryngologists. The purpose of a medical evaluation is to assure that all medically treated conditions that may affect hearing are identified and treated before a unit is purchased.

Following the medical evaluation, the physician should give you a written statement which states your hearing loss has been medically evaluated, and that you may be considered a candidate for a hearing instrument. The physician should refer you to an audiologist or hearing aid dispenser, as appropriate, for a hearing instrument evaluation.

The audiologist or hearing aid dispenser will conduct a hearing instrument evaluation to assess your ability to hear with and without a hearing instrument. The evaluation will enable the audiologist or dispenser to select and fit a unit best suited to your individual needs.

If you should have reservations about your ability to adapt to amplification, you should inquire about the availability of a trial rental or purchase-option program. Many dispensers now offer programs that permit you to wear the hearing instrument for a period of time for a nominal fee after which you may decide if you want to purchase that unit.

Federal law restricts the sale of hearing instruments to those individuals who have not obtained a medical evaluation from a licensed physician. Federal law permits a fully informed adult to sign a waiver statement declining the medical evaluation for religious or personal beliefs that preclude consultation with a physician. The exercise of such a waiver is not in your best interest and its use is strongly discouraged.

code of federal regulations (cont'd)

children with hearing loss

In addition to seeing a physician for a medical evaluation, a child with a hearing loss should be directed to an audiologist for evaluation and rehabilitation since hearing loss may cause problems in language development and the educational and social growth of a child. An audiologist is qualified by training and experience to assist in the evaluation and rehabilitation of a child with a hearing loss.

transmitter

This transmitter is authorized by rule under the Low Power Radio Service (47 C.F.R. Part 95) and must not cause harmful interference to TV reception or United States Navy SPASUR installations. You do not need an FCC license to operate this transmitter. This transmitter may only be used to provide: auditory assistance to persons with disabilities, persons who require language translation, or persons in educational settings; health care services to the ill; law

enforcement tracking services under agreement with a law enforcement agency; or automated maritime telecommunications system (AMTS) network control communications. Two-way voice communications and all other types of uses not mentioned above are expressly prohibited.

This device may not interfere with TV reception or federal government radar, and must accept any interference received, including interference that may cause undesired operation.

IMPORTANT NOTE: To comply with FCC RF exposure compliance requirements, only use supplied antenna that is sold with this transmitter. Use of any other antenna which has not been approved by the manufacturer will violate FCC rules and regulation and void the user's authority to operate this device. This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

regulatory approvals

receiver: part 15, subpart B

Radium Receiver/Speaker

920SR



Tested to comply with FCC Standards

FOR HOME OR OFFICE USE

FCC notes

The Radium sound field system is approved by the FCC (Federal Communications Commission). The use of the system may be governed by specific FCC rules and FCC licensing or notifications may be required. Consult your local FCC office for detailed information. Phonic Ear FM receivers and FM transmitters, when required, are approved by the Federal Communications Commission (FCC) in the U.S. and Industry Canada. Other government approvals are available upon request. (Other international regulations may also apply.)

Any changes or modifications made to any government-approved element of this instrument, without the express approval of Phonic Ear Inc in writing, could void the user's authority to operate those elements of the system.

regulatory approvals (cont'd)

Part 95

This transmitter is authorized by rule under the Low Power Radio Service (47 CFR Part 95) and must not cause harmful interference to TV reception or United States Navy SPASUR installations. You do not need an FCC license to operate this transmitter. This transmitter may only be used to provide auditory assistance to persons with disabilities, persons who require language translation, or persons in educational settings; health care services to the ill; law enforcement tracking service under agreement with a law enforcement agency; or automated maritime telecommunication system (AMTS) network control communications. Twoway voice communications and all other types of uses not mentioned above are expressly prohibited.

This device may not cause interference and must accept any interference received, including interference that may cause undesired operation.

These devices may not interfere with TV reception or Federal Government radar.

IC notes

The term "IC:" before the radio certification number only signifies that Industry of Canada technical specifications were met.

If TV channel 13 is used in the area, the installer shall reduce or adjust the RF radiated power so that near-by TV channel 13 receivers do not receive radio interference from the system installed. Suggestions: A test with a TV receiver equipped with "rabbit-ear antenna" and tuned to channel 13 should be conducted, at the perimeter of the users' intended coverage area and not over-lapping other user's areas without the latter's consent. If this does not solve the problem, a channel near the 217 MHz edge and not near 216 MHz should be tried.

