

transmitter: PE 300T

1 on/off switch

2 charging indicator
Glow red when charging
NiCad batteries (never recharge alkaline batteries!)

3 channel number
Make sure the channel matches your receiver

4 microphone jack
Plug in a directional microphone (AT0291-L lapel mic, AT0164-L omni directional mic or, preferably, the AT0655M mutable behind-the-neck mic) or AT0529A antenna

5 auxiliary/charge jack
Connect to a CD player or other device through the AT0532 cord to transmit a second sound source; connect to personal charger (see [1]) to recharge NiCad batteries (never recharge alkaline batteries!)

6 battery compartment
Use AA rechargeable NiCad or disposable alkaline batteries (never recharge alkaline batteries!)

7 belt clip

The diagrams show the PE 300T transmitter from three perspectives: front, back, and top. The front view shows a control panel with an on/off switch (1), a charging indicator (2), a channel number display (3) showing '33', and a microphone jack (4). The back view shows a battery compartment (6) and a belt clip (7). The top view shows the microphone jack (4) and auxiliary/charge jack (5).

receiver: PE 300R

8 volume control/on/off switch

9 channel number
Make sure the channel matches your transmitter

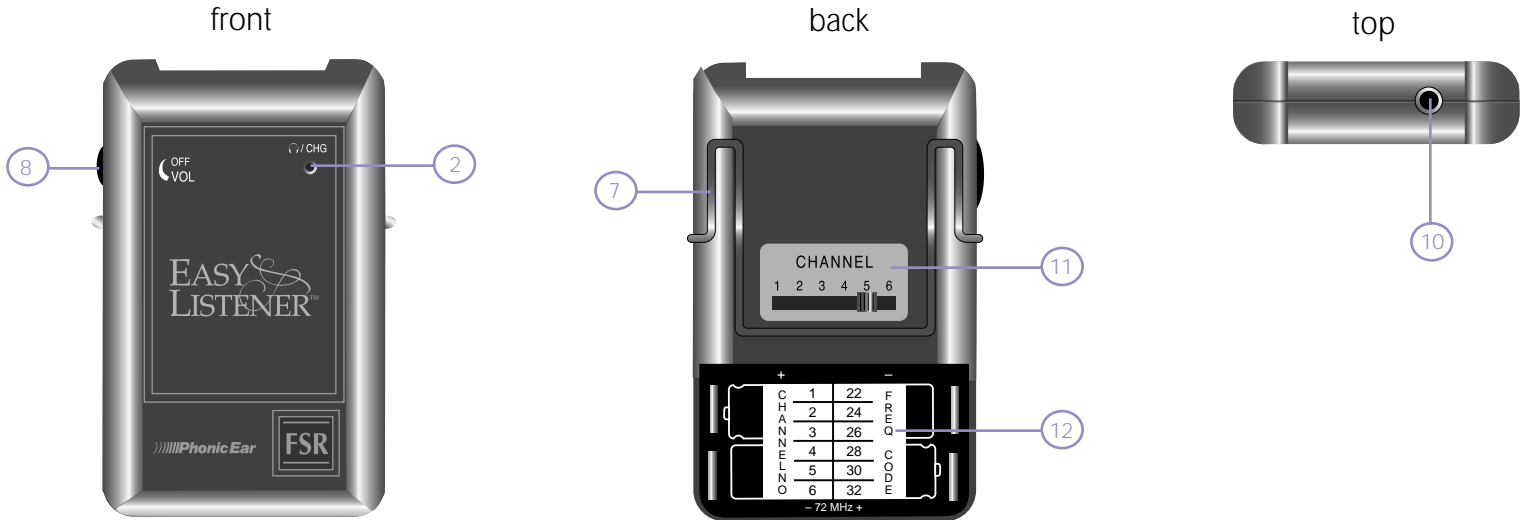
10 earphone/charge jack
Plug in a listening accessory; connect to personal charger (see [1]) to recharge NiCad batteries (never recharge alkaline batteries!)

The diagrams show the PE 300R receiver from three perspectives: front, back, and top. The front view shows a control panel with a volume control/on/off switch (8), a charging indicator (2), a channel number display (9) showing '33', and an earphone/charge jack (10). The back view shows a battery compartment (6) and a belt clip (7). The top view shows the earphone/charge jack (10).

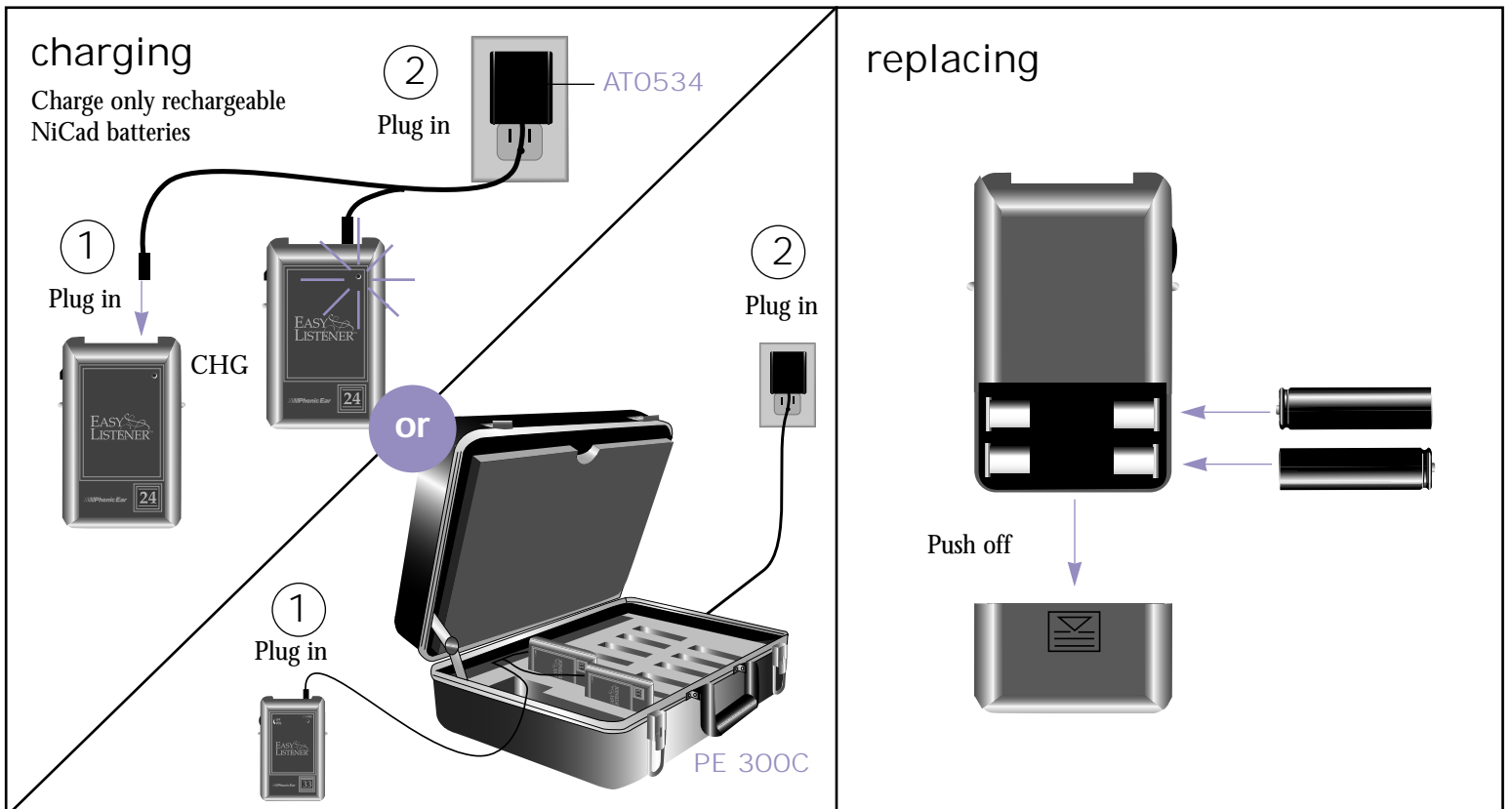
receiver: PE 350FSR

⑪ channel selector switch

⑫ channel code label
(inside battery compartment)
Identifies the channel assigned to each of the six positions on the channel selector switch ⑪.



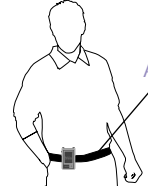
1 batteries Charge every night for 12 hours; never recharge alkaline batteries!



2

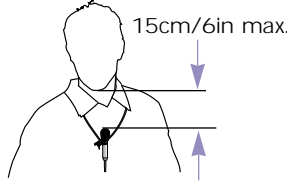
using the transmitter

① Clip to belt or wear around neck



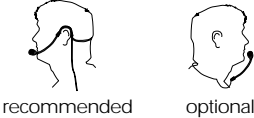
AT0712

② Put on microphone



15cm/6in max.

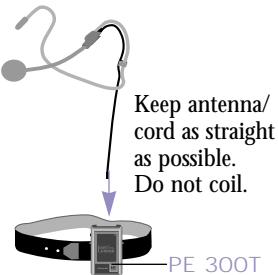
AT0291-L directional mic
AT0164-L omni directional mic



recommended optional

AT0655M
(two wearing options)

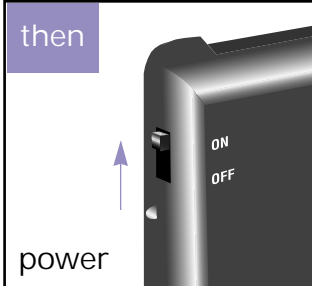
③ Plug in microphone



Keep antenna/cord as straight as possible. Do not coil.

PE 300T

then

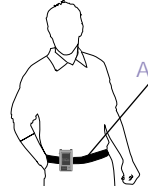


power

3

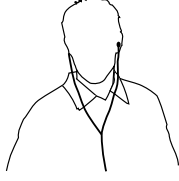
using the receiver

① Clip to belt or wear around neck

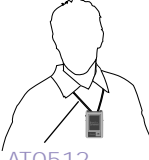


AT0712

② Put on listening accessory

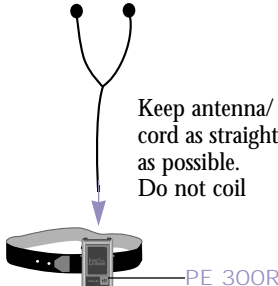


AT0538-S binaural earbuds



AT0606 headset

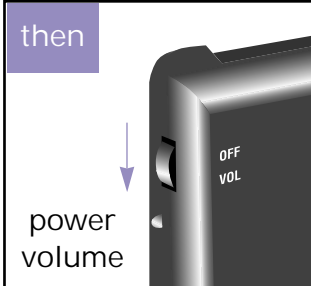
③ Plug in listening accessory



Keep antenna/cord as straight as possible. Do not coil

PE 300R

then




power volume

4

channels

transmitter




PE 300T

26

match

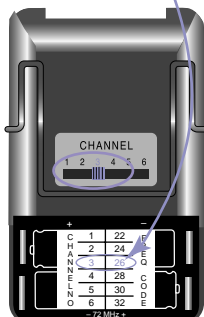
and

receiver



26

or



CHANNEL

1 2 3 4 5 6


1 22 24 26 28 30 32

OFF ON

5

auxiliary transmission


Both mic and auxiliary sound source



AT0532 connection cord

or

Auxiliary sound source only

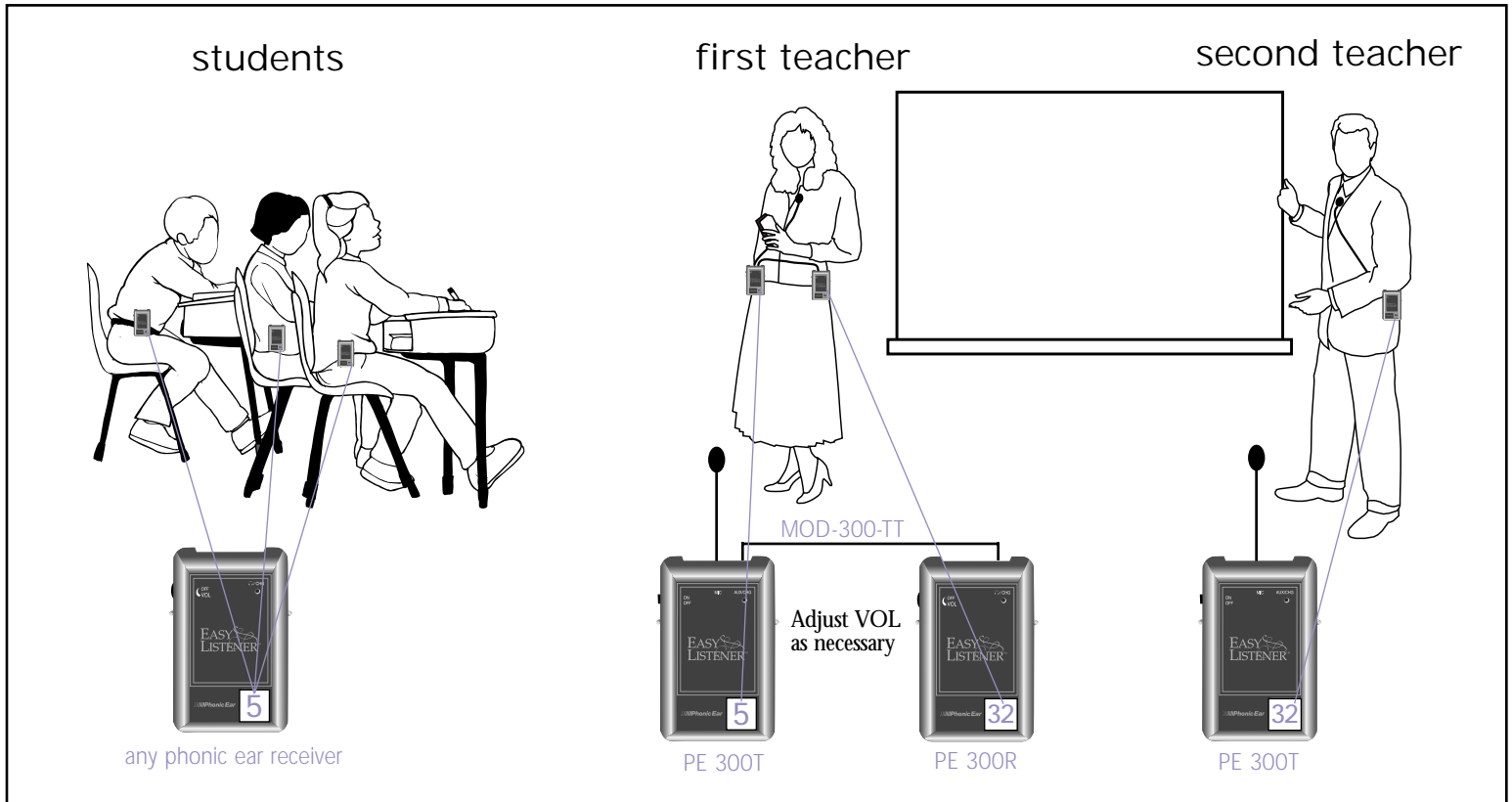


AT0529A antenna

AT0532 connection cord

6

team teaching*



* Contact Phonic Ear for optimal frequency combinations. Because all Phonic Ear FM products are compatible with each other, the two teachers may wear different types of Phonic Ear transmitters. Contact Phonic Ear for non-EASY LISTENER cords.

accessories

microphones	transmitter options	listening options	miscellaneous
<ul style="list-style-type: none"> Behind-the-neck microphone (AT0513) or noise-cancelling behind-the-neck microphone with mute (AT0655M) (recommended) Omni directional mic (AT0164-L) Directional mic with mic clip and lavalier cord (AT0291-L) Antenna (AT0529A) Lavalier Mic Cord (AT0719) Conference mic (AT0720) Y-cord for conference mic (AT0721) 	<ul style="list-style-type: none"> Wire belt clip (AT0489) Lavalier cord (AT0512) 2 rechargeable NiCad batteries (AT0665) Two-unit charger (AT0534) Waist belt (AT0712) Team-teaching cord (MOD-300-TT) 	<ul style="list-style-type: none"> Attenuated Headset (AT0606) Monaural Earbud (AT0538M) Binaural Earbuds (AT0538S) Earbud Pad (AT0538P) Headset Pad (AT0607) Stetoclip assembly (AT0359 and AT0016 / AT0545) Teleloop assembly (AT0163B and AT0543G) 	<ul style="list-style-type: none"> Wire Belt Clip (AT0489) Lavalier Transmitter/Receiver Cord (black) (AT0512) Wall Transformer/Two-Unit Charger (AT0534) 12 Pocket Charger (PE 300C) Wall Transformer for PE 300C (AT0461) Rechargeable AA Batteries (2) (AT0655) Auxiliary Input Cord, 5 ft., 15 ft. (1.5m, 4.5m) (AT0532) Carrying Case (AT0542) Tote Bag (AT0301) Hip Pack (red, black, royal blue, navy blue) (AT0594)

specifications

transmitter: PE 300T

transmitting frequency	72MHz to 76MHz (U.S./Canada) 37, 72, or 173 MHz (outside U.S./Canada)
modulation	FM narrow-band
operating range	30m/100ft
user controls	Off/on
inputs / outputs	3.5mm auxiliary input jack 2.5mm microphone input jack
battery life	40Hr (AA alkaline) 10Hr (AA NiCad)
size	2.5 x 9.4 x 5.6 cm/1 x 3.7 x 2.2 in
weight	80g/2.8oz
case	ABS plastic

receiver: PE 300R/350FSR

receiving frequency	72MHz to 76MHz (U.S./Canada) 37, 72, or 173 MHz (outside U.S./Canada)
modulation	FM narrow-band
user controls	Off/on/volume
inputs / outputs	Accessory output jack
battery life	60Hr (AA alkaline) 15Hr (AA NiCad)
size	2.5 x 9.4 x 5.6 cm/1 x 3.7 x 2.2 in
weight	80g/2.8oz
case	ABS plastic

charger: PE 300C

capacity	12 units (transmitters and/or receivers)
power supply	Wall transformer
user control	None
color	Black with aluminum trim
size	39.4 x 29.2 x 15.2 cm/ 15.5 x 11.5 x 6 in
weight (empty)	1859g/4.1lbs

warranty

A one-year limited warranty is issued to the original consumer of this product(s) by Phonic Ear Inc.

U.S./International
Sales and Service
Phonic Ear Inc.
3880 Cypress Drive
Petaluma, CA 94954-7600
U.S. A.
800.227.0735
707.769.1110
707.769.9624 FAX

Canada
Sales and Service
Phonic Ear Ltd.
10-7475 Kimbel Street
Mississauga, Ontario
L5 1E7 Canada
800.263.8700
905.677.3231
905.677.7760 FAX

time period of warranty

This warranty will go into effect upon the date of original purchase of this equipment, and will remain in effect for one calendar year from that date as long as the instrument remains the property of the original consumer.

what is covered by this warranty

Any electronic component which, because of workmanship, 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 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 one-year limited warranty does not apply to:

- 1 Malfunctions resulting from abuse, neglect, or accident.
- 2 Peripheral accessories as itemized within the product brochure, when such items are returned after 90 days from the original purchase.
- 3 Alkaline batteries if applicable.
- 4 Instruments connected, installed, used or adjusted in a manner contrary to instructions provided by the manufacturer.
- 5 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.
- 6 Products damaged in transit unless investigated by the shipper and returned to the warrantor with the investigation report.

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 need service

If you require service under the terms of this warranty, carefully package the instrument to prevent damage in transit and send it postpaid to the nearest factory service center listed above. In your package, include the following: a detailed description of the problem, your full name, billing and shipping address and telephone number.

caring for your system

cleaning

Clean as needed, using a soft, damp cloth.

storage

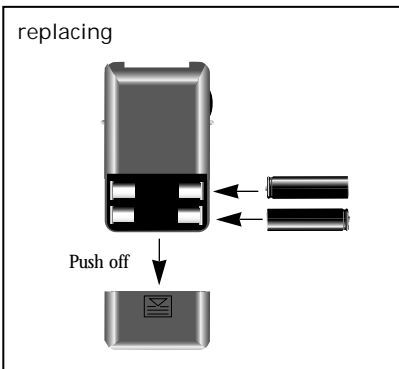
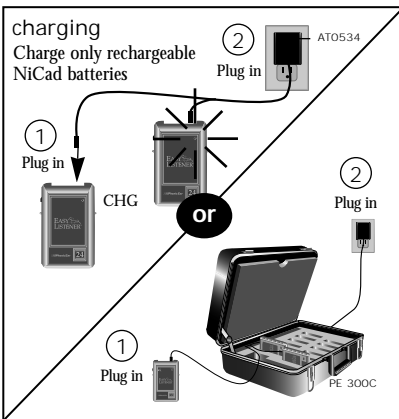
Clean with a soft damp cloth and remove the batteries from the transmitter. Place the units in the PE 300C charger or original packaging.

other important notes

- Protect your units from excessive moisture, heat, and mechanical shocks.
- The AT0534 wall transformer can get warm under normal operation.
- To protect the transmitter's case front, position it face down on a soft surface when removing or inserting the batteries.
- Always dispose of old batteries in approved battery recycling bins. It may be illegal to dispose in the trash. If you are not sure of proper disposal method, please consult your local authority.

basics

1 batteries Charge every night for 12 hours; never recharge alkaline batteries!



troubleshooting

try these first:

no sound from receiver

- If another working system is available, interchange accessories
- Reset the system by turning the power off, then on again
- Recharge or replace the transmitter's batteries
- Check or replace accessory
- Verify that the channel number of the transmitter and the receiver are the same
- Turn up volume
- Clean or check battery contacts

no FM reception
(“NO FM” light on receiver stays on)

- Recharge or replace batteries
- Verify that the channel number of the transmitter and the receiver are the same
- Check or replace microphone
- Clean or check battery contacts
- Turn on transmitter power switch

weak/distorted sounds

- Check or replace accessory
- Turn up volume
- Check or replace microphone

intermittent sound/static

- Clean headset plug
- Clean microphone plug
- Check or replace microphone
- Clean or check battery contacts

won't charge

- Recharge or replace batteries
- Check or replace wall transformer
- Clean or check battery contacts
- Check that batteries are inserted properly

If these troubleshooting methods do not produce the desired result, send your unit(s) to the nearest Phonic Ear service center for repair (see warranty section).

quick reference guide

service: usa: 800.227.0735, then press 7 canada: 800.263.8700
outside usa/canada: call your local Phonic Ear dealer web: www.phonicear.com