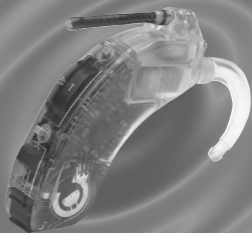# sprite
BTE-FM

PE 800R behind-the-ear FM system

user guide
PE 800R receiver
PE 300TS transmitter

)))))))**Phonic Ear**®

specs available on-line at www.phonicear.com

table of contents

sprite user instructions

sprite fitter instructions

receiver: PE 800R

side

back

front

1
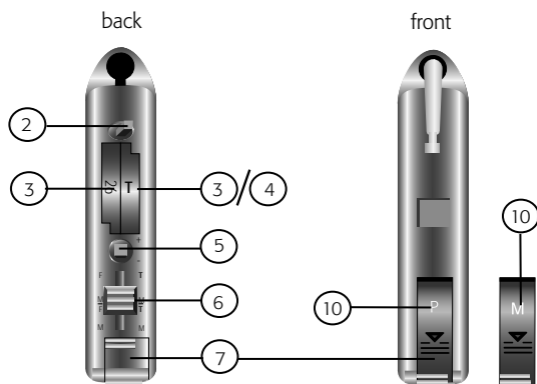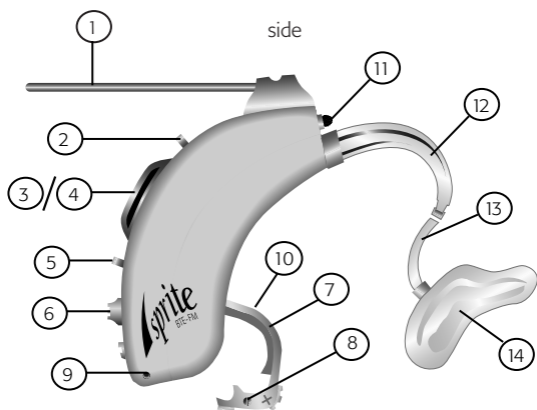
receiver: PE 800R (cont'd)

(1) antenna
Removeable

(2) cartridge selector switch
Activates left or right cartridge
(see (3) and (4))

(3) FM channel cartridge
Insert in left or right slot.
Make sure channel matches
that of transmitter(s). A
second FM channel allows easy
switching to hear a different
speaker or avoid interference.

(4) telecoil cartridge
Insert in right slot only (for
telephone and loop use)

(5) volume control
User-adjustable ± 15dB
(in 2dB increments) from
prescribed gain level. "+"
to increase; "-" to decrease.
Can be locked with pro-
gramming software. Unit
always powers up at pre-
scribed gain.

(6) mode switch
(three-position)
FM: F = FM only

$\frac{M}{F}$ = Mic + FM

M = Mic only

t-coil: T = t-coil only

$\frac{M}{T}$ = Mic + t-coil

M = Mic only

(7) on/off switch/
battery door
Closed = on; Open = off

(8) locking screw
Locks battery door

(9) locking screw
access hole
Provides access to
locking screw

(10) model indicia
"P" indicates Power model,
"M" indicates Moderate

(11) microphone

(12) earhook
Various types are available

(13) plastic tubing
Replace when yellow
or stiff (not included
with system)

(14) earmold
(not included with system)
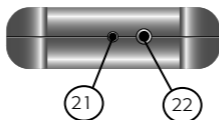
2

transmitter: PE 300TS

front

back

top

3
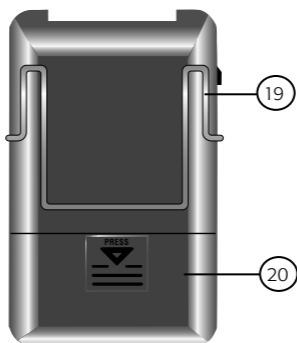
transmitter: PE 300TS (cont'd)

(15) on/off switch
On/Off (72MHz and 173MHz)
On/Mute/Off (216MHz)

(16) charging indicator
Glows red when charging
NiCad batteries (never
recharge alkaline batteries!)

(17) transmitter band label
Indicates operating band
of transmitter

(18) channel number
Make sure the channel
matches your receiver

(19) belt clip

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

(21) microphone jack
Plug in a microphone or an antenna
(if using auxiliary input alone)

(22) auxiliary/charge jack
Connect to a CD player or
other sound source with the
AT0532 cord; connect to
personal charger to recharge
NiCad batteries (never recharge
alkaline batteries!)

To comply with FCC
radio-frequency exposure
requirements, this device
must be worn with the
belt clip provided with the
device. Use of accessories/
configurations not approved
by Phonic Ear may result
in non-compliance with
FCC RF exposure limit, and
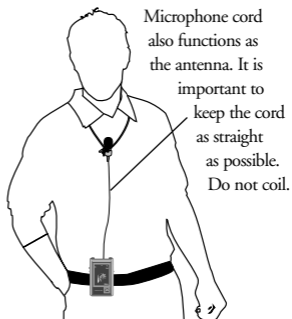therefore should be avoided.

4

Sprite user instructions

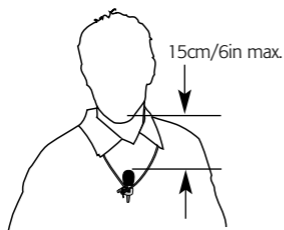| user | wearing transmitter/microphone |

① Plug in microphone

② Clip to belt or wear around neck

Microphone cord also functions as the antenna. It is important to keep the cord as straight as possible. Do not coil.

③ Clip microphone to clothing or to lavalier cord

15cm/6in max.

then

ON
OFF

power

Sprite user instructions (cont'd)

user | hearing instrument battery

battery

+ indicator

1. Open battery door

2. Insert battery in door. Make sure battery "+" is on same side as "+" on battery door
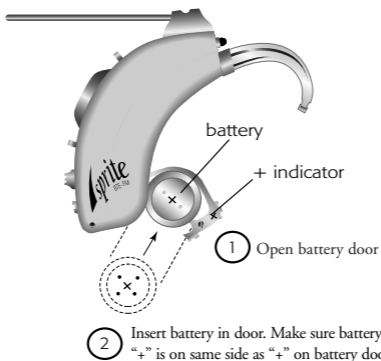
user | on/off The battery door is the on/off switch

Press on ⚡ symbol to close door

on
(battery door closed)

off
(battery door open)
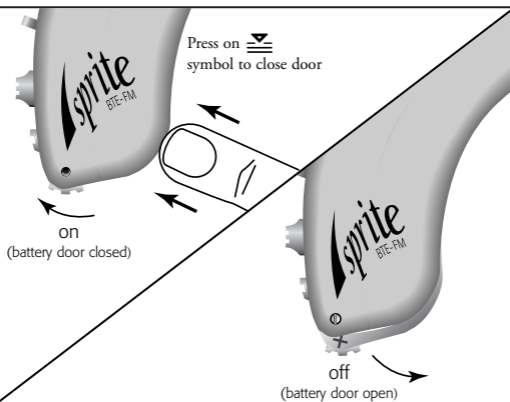
Sprite user instructions (cont'd)

user | wearing your hearing instrument

1. Turn off

2. Insert top of earmold under fold

3. Pull down lobe and press earmold into canal

4. Place SPRITE behind ear

5. Turn on

user | switch functions

Switch left to activate left cartridge; right to activate right cartridge

FM channel or t-coil cartridge (t-coil must be on right side)

FM channel cartridge

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+ = Increase volume by one 2dB step

- = Decrease volume by one 2dB step

FM only (when using FM)

T-coil only (when using T-coil)
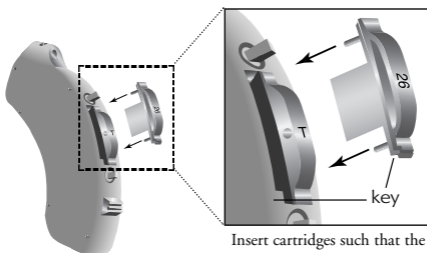
Mic + FM

Mic + T-coil

Mic only

Mic only

fitter/user | cartridge removal

FM channel
cartridge (2 pins)
Insert in left or right slot

telecoil cartridge
(3 pins)
Insert in right slot only

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T

key

Insert cartridges such that the
keys and pins align

user | transmitter batteries
Charge every night for 12 hours
NEVER CHARGE ALKALINE BATTERIES!

charging 300TS
Charge only rechargeable
NiCad batteries

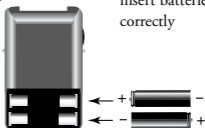AT0534

②
Plug in
second

①
Plug in
first

AUX/
CHG

PE 300TS

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Be sure to
insert batteries
correctly

+   −
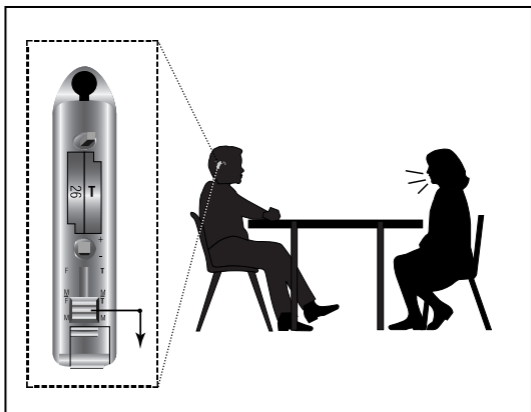−   +

Push to slide off

replacing batteries

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Sprite user instructions (cont'd)

user	using your SPRITE in a quiet environment

user	using your SPRITE in a noisy environment
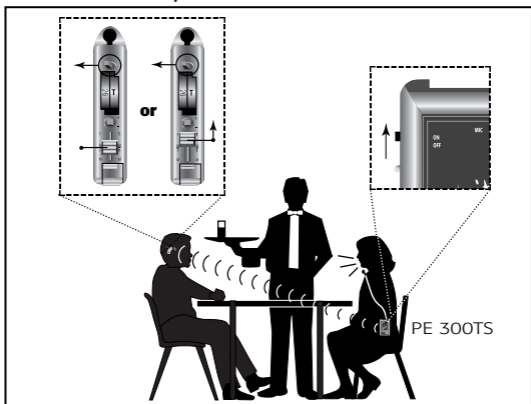
Sprite user instructions (cont'd)

user using your SPRITE in group conversations
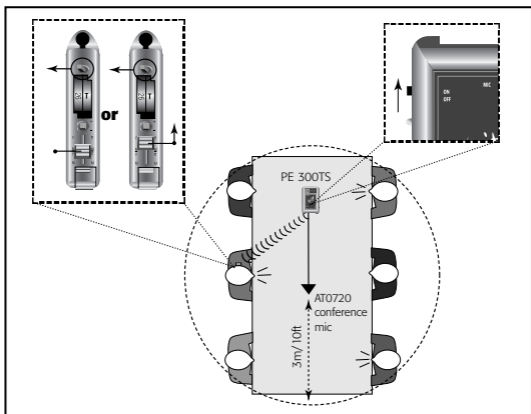
user using your SPRITE with TV or stereo
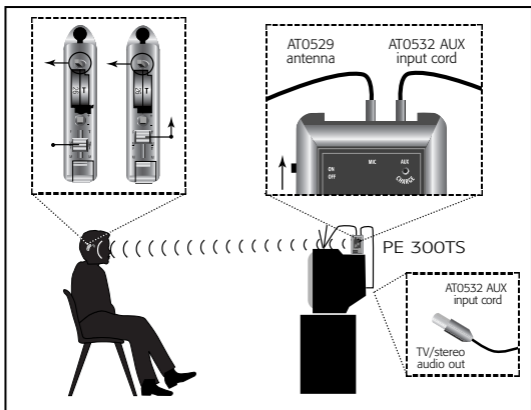
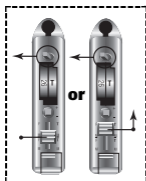| **user** | using your SPRITE with the telephone |
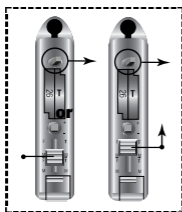
(Telecoil cartridge required)

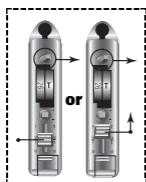| **user** | using your SPRITE in accessible public facilities |

Use built-in receiver

NOTE: Channels must match!

or

Use body-worn receiver with teleloop/or in looped room