



Date: 4/17/01

Federal Communications Commission  
Authorization and Evaluation Division  
Laboratory Division  
7435 Oakland Mills Road  
Columbia, MD 21046

Re: *Phonic Ear, Inc., PE 800R*

Request for withholding from public disclosure proprietary information submitted pursuant to an application for certification of a *BTE transmitter, PE 800R*

FCC ID:

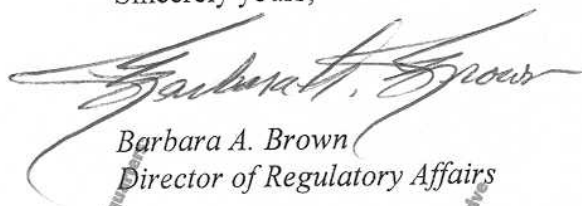
Sir/Madam:

*Phonic Ear* requests that certain materials submitted with this application for certification of the *PE 800R* be withheld from public disclosure. This request is made under the provision of Section 0.457 (d) of the Commission's Rule and Section 552 (b) (4) of the Freedom of Information Act, Trade Secrets.

The items marked "Confidential" contain detailed *information such as, block diagrams, schematics, etc.*, submitted to the FCC for review with this application. The information contains proprietary information (trade secrets) regarding the circuit operation and capabilities (specific values of components, circuit design details and system architecture) which are the result of our extensive investment in research and development. Without the disclosed information, competitive organizations would take considerable more time to assess and develop a workable competitive product. Therefore, we believe that disclosure of these company guarded materials would compromise our leading position in this market.

We therefore formally request that the materials marked "Confidential" be kept strictly confidential and not made available for inspection by any other party, except on a need to know basis for the sole purpose of the certification process.

Sincerely yours,



Barbara A. Brown  
Director of Regulatory Affairs

Corporate Headquarters

Phonic Ear Inc.

680 Cypress Drive

Redlands, CA 94054-7600

fax: 707.769.1110

100.227.0735

fax: 707.769.9624

www.phonicear.com



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Sir/Madam:

We, the undersigned, hereby authorize Intertek Testing Services to act on our behalf in all matters relating to applications for equipment authorization, including the signing of all documents relating to these matters. Any and all acts carried out by Intertek Testing Services on our behalf shall have the same effect as acts of our own.

We also hereby certify that no party to the applications authorized hereunder is subject to a denial of benefits, that includes FCC benefits, pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. 853(a).

This agreement expires one year from the current date.

Sincerely yours,

A handwritten signature in dark ink, appearing to read "Barbara A. Brown".

*Barbara A. Brown*  
Director of Regulatory Affairs

Corporate Headquarters:

Phonic Ear Inc.

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receiving frequency	72MHz to 76MHz
modulation	FM narrow-band
user controls	Volume control Mode switch Cartridge selector
fitter controls	<i>adjustable with programmer:</i> Gain MPO Low frequency filter High frequency filter WDRC <i>AGC-O (AGC or PC)</i> <i>manually adjustable:</i> FM gain control
battery type	Type 675 – Zinc Air

	power PC mode	power AGC mode	moderate
max OSPL 90	137dB SPL	133dB SPL	126dB SPL
HF average OSPL 90	131dB SPL	127dB SPL	120dB SPL
peak full on gain	74dB	75dB	65dB
HF average full on gain	68dB	69dB	62dB
reference test gain	52dB	50dB	42dB
frequency response	140-5300 Hz	140-5300 Hz	150-6600 Hz
THD at 500Hz	4%	4%	2%
THD at 800Hz	2%	2%	1%
THD at 1600Hz	2%	2%	1%
equivalent input noise	23 dB SPL	23 dB SPL	24 dB SPL
battery current	10mA	8mA	5mA
attack time	n/a	1mS	1mS
release time	n/a	130mS	130mS