



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:

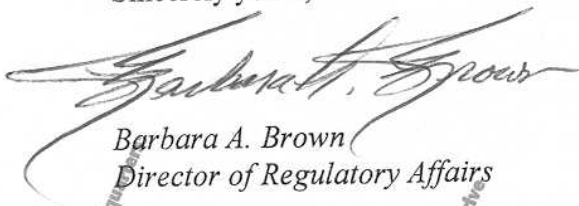
Sir/Madam:

*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 cursive script, 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<br>Mode switch<br>Cartridge selector                                                                                                                                      |
| fitter controls     | <i>adjustable with programmer:</i><br>Gain<br>MPO<br>Low frequency filter<br>High frequency filter<br>WDRC<br><i>AGC-O (AGC or PC)</i><br><i>manually adjustable:</i><br>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       |