

LightSPEED

Technologies



503/684-5538; 800/732-8999



503/684-3197

Web: www.lightspeed-tek.com

To: Morton Flom
Organization: MFA
From: Jerry Ramey

Subject: Inquiries from FCC
Total Pages: 5
Date: Fri, Jul 7, 2000

Morton,

Regarding Item #2 which addresses marketing guidelines of Section 95.1019 of the Commission's R&R. The 311TX Transmitter we submitted is designed to be compatible with the Band NB (216-217 MHz) MicroLink™ FM Receiver manufactured by Phonak Hearing Systems. Following is the promotional material (4 pages) on this product.

Regarding Item #3 which addresses Section 95.1013 of the Commission's R&R on antennas. The only antenna provided with the 311TX Transmitter is a 50 ohm telescoping omni-directional antenna that is necessary, but not an integral part of the unit. The only provided antenna has a maximum telescoping length 15.75 inches (and a minimum telescoping length of 7.75 inches) so the provided antenna has a height that meets Section 95.1013 (2) requirement of less than 100 feet.

Hopefully this information addresses the inquiries from the FCC. If not please let me know as soon as possible.

Best regards,

Jerry Ramey, President
LightSPEED Technologies, Inc.

The Latest in Wireless Technology

MicroLink™ MLx

The world's smallest
FM receiver is now
compatible with most

Behind-the-ear

Hearing Instruments

Phonak

Danavox

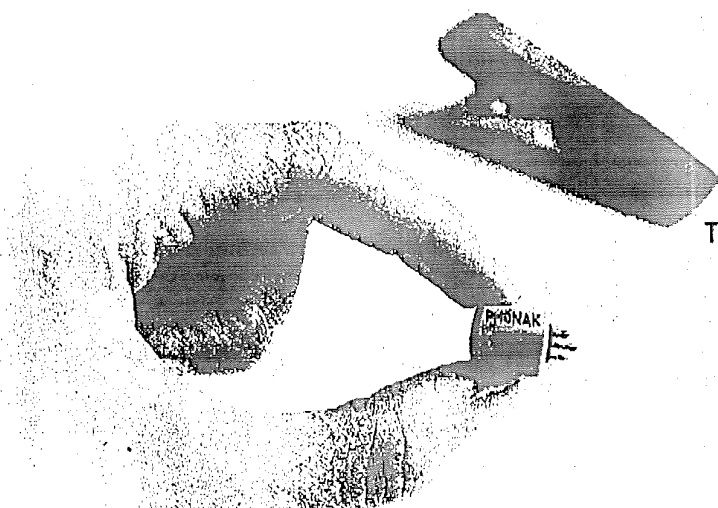
Oticon

Resound

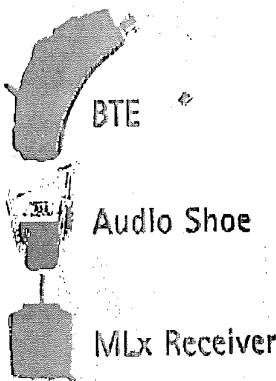
Siemens

Unitron

Widex



TX3 HandyMic Transmitter

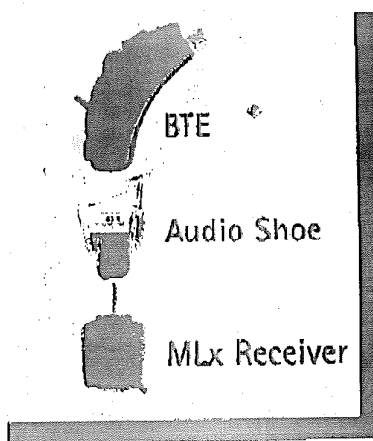


- ◆ No wires or antennas necessary
- ◆ Compatible with many brands of BTE
- ◆ Simple snap on – snap off assembly

PHONAK

hearing systems

Phonak Introduces MicroLink™ MLx



From the makers of MicroLink™, the world's smallest FM receiver, comes MicroLink™ MLx, a miniaturized, wireless FM receiver.

receives signals from the TX3 HandyMic wireless transmitter. The HandyMic picks up sounds and transmits directly to the MicroLink MLx receiver. The hearing instrument receives the sounds with the best possible signal-to-noise ratio and suppresses background noise for better hearing.

The MicroLink MLx has a three-position switch:



- FM off
- FM only and
- FM plus hearing aid microphone.

MLx is compatible not only with Phonak hearing instruments, but also with many other manufacturer's BTE hearing instruments. Danavox, Oticon, ReSound, Siemens, Widex and Unitron now offer audio shoes compatible with Phonak's MLx for some or all of their BTE products. With the industry's cooperation, the MLx makes FM communication possible for more people than ever before.

Wearers may listen exclusively to the sound picked up by the transmitter and also choose to add the sound already picked up by the hearing instrument microphone. The

MicroLink MLx receiver is compatible with all other Phonak MicroLink receivers and TX2 and TX3 Transmitters.

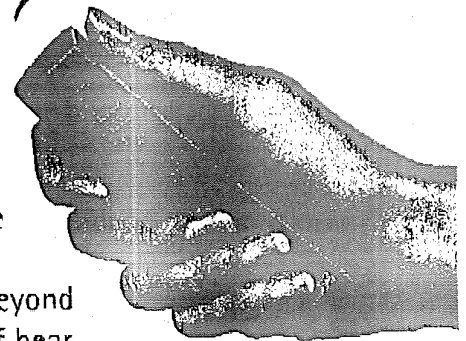
The improved cosmetics, ease of use and increased compatibility with a variety of BTEs makes MicroLink MLx FM technology an attractive

MicroLink MLx Benefits:

- ◆ Helps wearers understand speech in difficult listening situations at home, on the job, at school and in leisure activities.
- ◆ Helps eliminate communication barriers caused by distance, reverberation and background noise.
- ◆ Attaches simply and easily to BTE hearing instruments.

The small, cube-shaped MicroLink MLx attaches directly to the base of the audio shoe and

solution for children and adults who have communication needs that go beyond the capability of hearing instruments alone.



TX3 HandyMic

PHONAK

hearing systems

PHONAK

hearing systems

MicroLink MLx Compatible Hearing Instruments

Brand	Model
Phonak	<ul style="list-style-type: none"> ◆ PICS Mark 2 Piconet2, SonoForte2, PowerZoom™ ◆ PICS Piconet, Sono-Forte ◆ Classic line Audinet, Classica, Pico, Pico-Forte, Super-Front, Varionet ◆ E-PROM Novo-Forte
Danavox	<ul style="list-style-type: none"> ◆ 143 Series ◆ 145 DFS Genius ◆ 155 Series
Oticon	<ul style="list-style-type: none"> ◆ Classic Models 380P, 390PL, 300P ◆ Compact Models DigiFocus, DigiLife, MultiFocus, PrimoFocus, Personic
ReSound	<ul style="list-style-type: none"> ◆ Encore® Plus BT4 ◆ ReSound Digital™ 5000 BZ5, BT5
Siemens	<ul style="list-style-type: none"> ◆ Music* ◆ Prisma™ ◆ Signia™
Unitron	<ul style="list-style-type: none"> ◆ US80 ◆ Sound F/X ◆ ICON
Widex	<ul style="list-style-type: none"> ◆ Senso Plus™ ◆ Senso P-Series™ ◆ Senso Super Power™

For more information, call Phonak at 1-888-777-7316.

Band J (185 - 201MHz)

Channel no .	Colour	Frequency
(MicroLink ML7: <i>Band JA</i> , 187 - 188 MHz)		
J19	ML⊙ Black	187,450
(MicroLink ML7: <i>Band JB</i> , 194 - 195 MHz)		
J25	ML⊙ Orange	194,450

Band N (207 - 217 MHz)

Channel no .	Colour	Frequency
(MicroLink ML7: <i>Band NA</i> , 207 - 209 MHz)		
N22	ML⊙ Aqua	207,850
N23*	ML⊙ Blue	208,000
N24*	ML⊙ Red	208,100
(MicroLink ML7: <i>Band NB</i> , 216 - 217 MHz)		
N01	ML⊙ Green	216,0125
N09	ML⊙ Black	216,2125
N12*	ML⊙ Aqua	216,2875
N18	ML⊙ Grey	216,4375
N52*	ML⊙ Aqua	216,575
N55*	ML⊙ Orange	216,725
N57*	ML⊙ White	216,825
N60*	ML⊙ Violet	216,975

*These frequencies are only available on special request. Delivery time approx. 10 weeks.
ML⊙ = MicroLINK is available in these frequencies