

Washington University School of Medicine

Digital Commons@Becker

Independent Studies and Capstones

Program in Audiology and Communication
Sciences

1996

Central Institute for the Deaf's assistive listening device catalogue: includes descriptions, photographs and prices

Melissa Flink Ridings

Follow this and additional works at: https://digitalcommons.wustl.edu/pacs_capstones



Part of the [Medicine and Health Sciences Commons](#)

Recommended Citation

Ridings, Melissa Flink, "Central Institute for the Deaf's assistive listening device catalogue: includes descriptions, photographs and prices" (1996). *Independent Studies and Capstones*. Paper 295. Program in Audiology and Communication Sciences, Washington University School of Medicine. https://digitalcommons.wustl.edu/pacs_capstones/295

This Thesis is brought to you for free and open access by the Program in Audiology and Communication Sciences at Digital Commons@Becker. It has been accepted for inclusion in Independent Studies and Capstones by an authorized administrator of Digital Commons@Becker. For more information, please contact vanam@wustl.edu.



CENTRAL INSTITUTE FOR THE DEAF'S
ASSISTIVE LISTENING DEVICE CATALOGUE:
INCLUDES DESCRIPTIONS, PHOTOGRAPHS AND PRICES.

Melissa Flink Ridings
Spring 1996
Central Institute for the Deaf

Please do not remove from library

The passage of the Americans with Disabilities Act (ADA) in 1990 has had a great impact on hearing-impaired people, as well as their employers and audiologists. The ADA has caused a shift in responsibility from the individual to society and has set the stage for improved quality of life for millions with hearing disabilities. The audiologist has a pivotal role by putting policy into practice.

Under Title I of the ADA, employers must ensure that the facilities and equipment in the work area are usable and accessible to everyone. Employers may need to consider utilizing signaling devices, telephone amplifiers and text telephones. Job applicants should know what devices are available and which devices may need to be acquired by the employer.

Title III provides the hearing- disabled individual with accommodations in the public entity, in order to prevent discrimination; this includes personal and large amplification systems, telephone amplifying equipment, television captioning and alerting devices in the public arena. Under Title IV, the Federal Communication Commission makes inter- and intra- state telecommunication services available for the hearing-impaired.

Implementation of the ADA provides audiologists with the opportunity to extend their efforts beyond the hearing clinic and into everyday settings. Audiologists must develop an objective and reliable evaluation procedure for each client, and then apply it to a comprehensive rehabilitation program for hearing and assistive devices.

The first thing the audiologist must do is assess the needs of each client. User capabilities and preferences must be determined for successful use of the device. Finding out the client's situational needs is also essential in choosing the appropriate device

because different communication situations arise in the home versus the workplace or even in travel.

Communication needs in the home may include one-on-one conversations or group conversations. The client may enjoy listening to the television, radio or stereo. Telephone use may or may not be utilized, and alerting or warning equipment must be audible.

Communication at work may vary from person to person, as well as from the client's needs in the home. Lectures and seminars create an alternative listening environment.

Telephone communication in the office may be vital, as well as speech reception from a Dictaphone or answering machine. Communication needs in the school may include auditory training and speech language therapy, in addition to meetings and casual conversation. When traveling, the hearing-impaired person needs appropriate wake-up devices and may need to hear instructions from the guide. Therefore, the audiologist must listen carefully to the client's communication needs so that the appropriate device can be selected.

Another consideration when choosing a device is the client's lifestyle and the environment in which they will utilize the device. Factors such as lighting and ambient noise may influence the success of a particular device.

When evaluating a device it is necessary to consider whether the client already has hearing aids and how he/she will couple their equipment to the device. Some hearing aid users will have a telecoil, and they can utilize this switch on the hearing aid for compatibility with a certain device. Others may choose to use a silhouette or a boot for direct audio input.

The American National Standards Institute is attempting to develop standard procedures for evaluating assistive listening device performance, as there are numerous issues to be considered in the evaluation of a device. The client should be fit with effective technology that is appropriate for their capabilities. Affordability is an issue but reliability should not be overlooked due to cost concerns. Portability of the device may be a factor, as well as versatility if the client needs to use the device in different settings. Again, compatibility of the assistive device with the client's hearing needs to be considered and the client's concerns with cosmetic issues must be addressed or else he/she will not use the equipment.

Follow-up counseling and evaluation is key when dispensing assistive devices and/or hearing aids. Consumer satisfaction is the goal and this can be accomplished by providing information and options. The audiologist can meet with the client one-on-one or hold group information sessions. It is important to include the family members in training so that they can assist and understand the needs of the hearing-impaired individual. When someone has a hearing loss (no matter what degree) they should participate in a hearing loss management program. This way the client is exposed to information /options needed to formulate educated decisions and figure out what questions to ask when considering amplification alternatives. A management program is also helpful for the client to see that there are others like them who are faced with similar problems, emotions and fears. The program should consist of:

- 1) needs assessment
- 2) demonstration of devices
- 3) discussion of the advantages/disadvantages, capabilities/limitations of the devices
- 4) descriptions of the devices and how they work
- 5) installation methods

- 6) troubleshooting techniques
- 7) question and answer session
- 8) review of the ADA and the hearing-impaired person's rights.

The purpose of an assistive listening device center is to educate the public and provide hands-on, guided experience with a variety of devices. Although establishing a center is timely and costly, as audiologists, we must fulfill the duty of providing service.

When setting up a center, Cynthia Compton (1) who is an ALD expert at Gallaudet University, suggests the following factors to consider:

- 1) familiarization and selection of the devices
- 2) location and hours of the center
- 3) availability of the staff for consultation and demonstration
- 4) the display
- 5) how to dispense
- 6) financial resources
- 7) marketing strategy

In order to maintain a time and cost effective practice, it is beneficial to provide demonstrations and handouts to the clients. Professionals should charge for their time and expertise, and by expanding into a consulting mode the center can benefit financially.

Central Institute for Deaf has a uniquely extensive device center, and by creating a catalogue of their devices, my goal is that it will create awareness and/or provide a means for clients to explore their options in conjunction with an audiologist.

I began the catalogue process by taking photographs of all the devices and grouping them into seven categories: 1) multi-purpose alerting systems 2) fire/smoke

(1) Taken from "Hearing Aid Dispensers Find Success In Marketing ALD's", **Hearing Instruments**, Volume 44, Number 2, 1993.

alarms 3) telephone amplifying equipment 4) telephone alerting devices 5) portable listening devices 6) alarm clocks and 7) telecommunication devices. I then compiled information about each device by contacting the manufacturers or researching existing information in the center.

During the process I scanned photographs of the devices into the computer so that they would be able accessible on the computer. Furthermore, I added the information from this catalogue to CID's home page on the World Wide Web for those who enjoy exploring the internet.

Besides exposure, I also created this catalogue as a way to organize the existing center. I had to obtain wholesale pricing information, and create a list of retail prices which satisfied the clinic's needs. When a client has a question about a device they can take the first step by looking through the catalogue in the lobby and investigate for themselves. They are also encouraged to make an appointment for a free tour and demonstration so that they obtain the proper counseling which comes with user satisfaction. I provided useful telephone numbers for people who need further information and included a short vocabulary list which defines some of the technical jargon. Another feature of the catalogue is a local listing of auditoriums, theaters, churches and synagogues which provide assistive technology for listening. All of the information provided will most likely need to be updated, and can be easily changed on the computer.

The information, as well as the pictures in this catalogue can be found on the **internet!**

For anyone who has internet access:

1) Choose your favorite Web browser

2) Type in this address- **<http://cidmac.wustl.edu/Clinic/>**

3) At this point you will be on CID's home page for the Clinic and you will have several options. For background information regarding the ADA and hearing-impaired people you can click on "Assisstive Listening Devices". Otherwise there are seven categories listed for different types of devices. After a category has been opened you can read the information and click on any of the highlighted and underlined products for an accompanying photograph.

Enjoy!

Useful Phone Numbers

Central Institute for the Deaf:	(314) 977- 0100	TTY-(314) 977-0099
Self Help for the Hard of Hearing (SHHH):	(301) 657-2248	TTY-(301) 657-2249
National Information Center on Deafness:	(202) 651-5051	TTY-(202) 651-5052
Relay Missouri:	Voice(800) 735-2466	TTY(800) 735-2966

Vocabulary

Decibel (dB)- A unit which expresses the ratio between two sound pressures or powers.
One-tenth of a Bel.

Frequency- The number of complete oscillations of a vibrating body per unit of time.
Measured in Hertz.

Hertz (Hz)- Cycles per second.

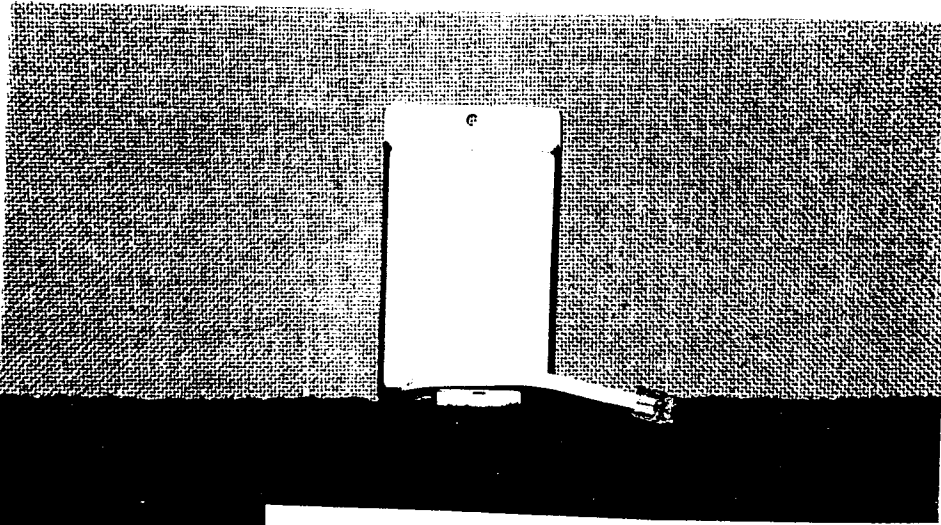
Sound Pressure Level (SPL)- Expresses the pressure of sound.

Make an appointment for a free tour and demonstration of the device room.

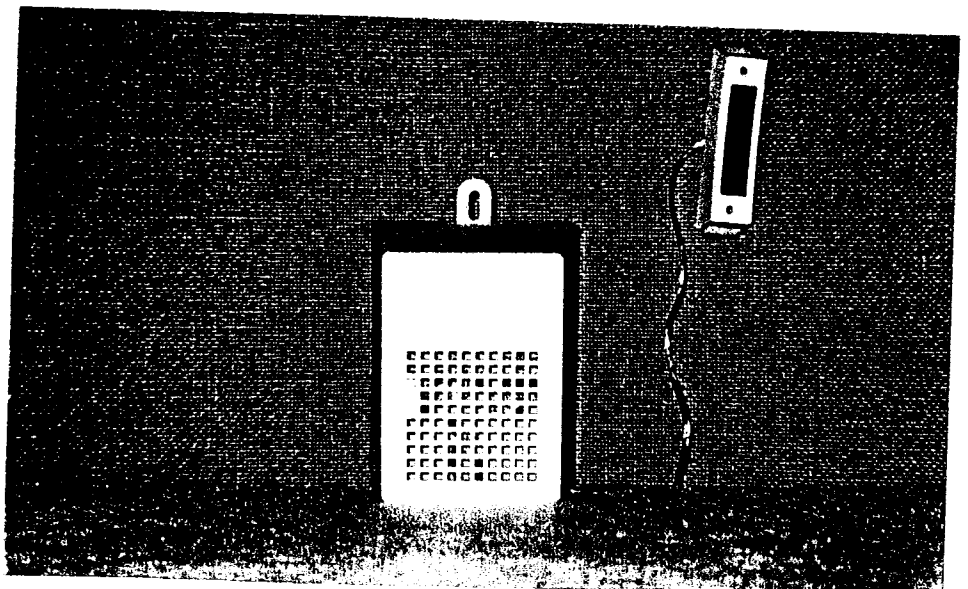
Product information and prices are subject to change without notice.

MULTI-PURPOSE ALERTING SYSTEMS

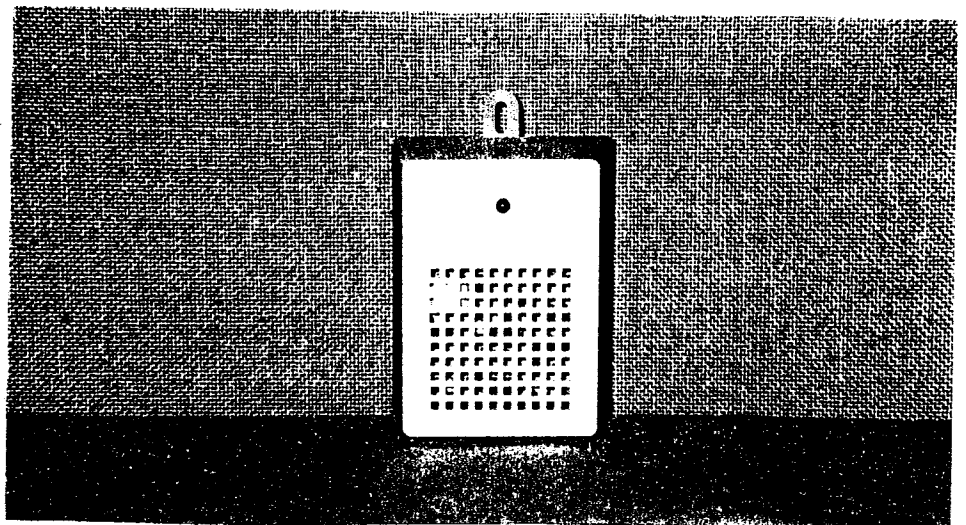
Sonic Alert- This system alerts the owner to various signals such as the telephone and doorbell. The device causes lights to flash or it can transmit signals to remote receivers when it detects the signal.



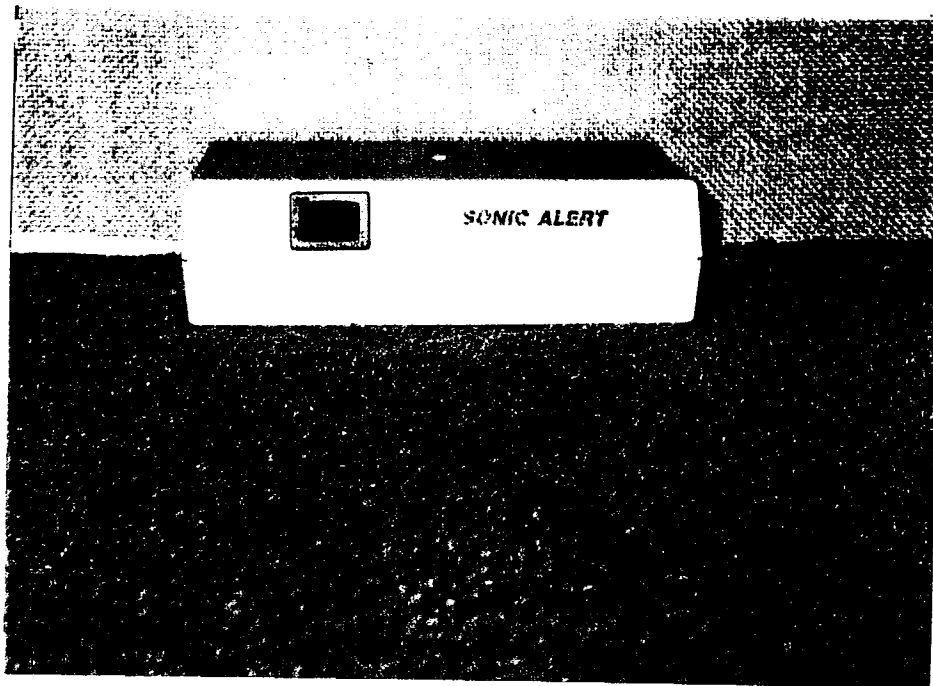
Phone Signaler- The system plugs into an AC outlet and modular phone jack. Any lamp plugged into the device will flash when the telephone rings.



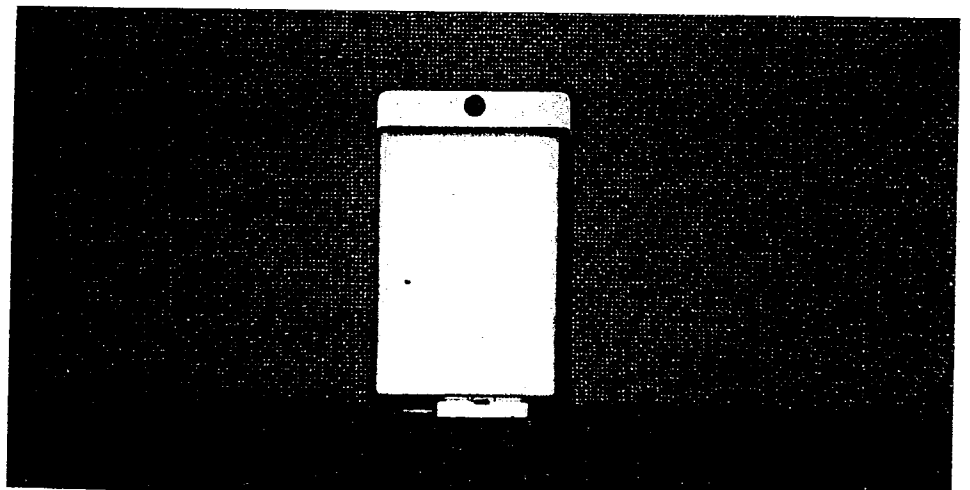
Doorbell Signaler- A lamp plugged into this system will flash five times whenever the doorbell is activated. This device can be utilized in any home, whether or not a doorbell already exists. Also available, is the Phone/Doorbell Signaler unit combined in one system.



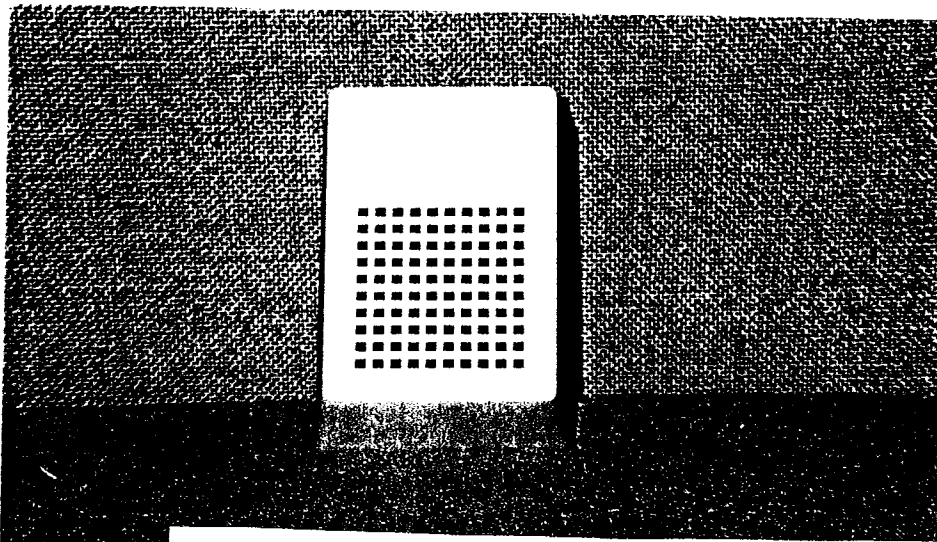
Baby Cry Transmitter- This is a wireless system with at least one remote receiver. Plug the system into an AC outlet close to the baby and situate the receivers throughout the house so when the baby cries the system can alert you to this signal.



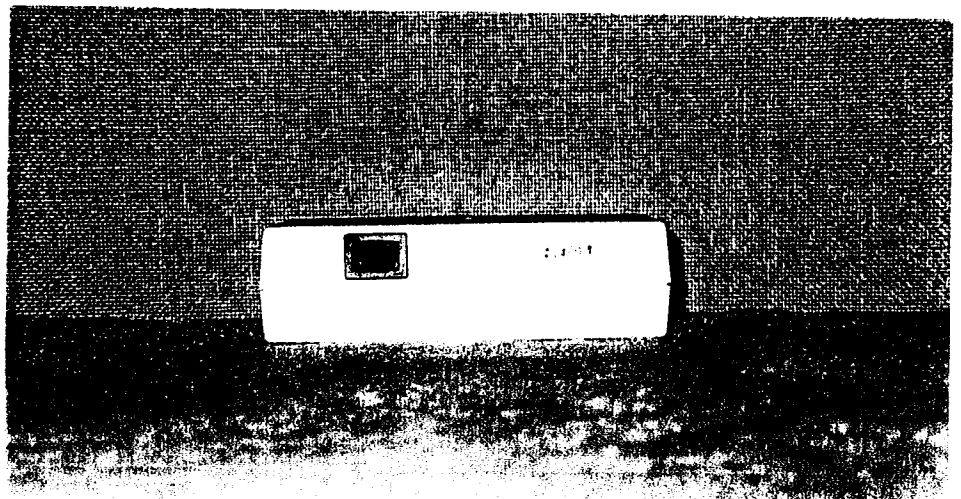
Universal Sound Signaler- When placed near the sound source (phone, baby, alarm) this system converts the sound to a flashing signal through a lamp. This system is also compatible with remote receivers.



Remote Receivers- A receiver can be used in any room in the house and more than one can be used for each alerting system.



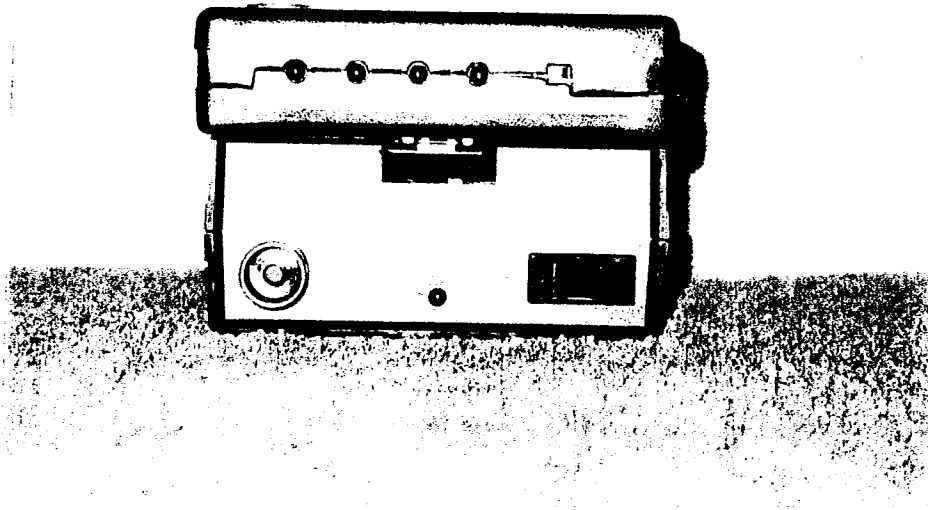
Remote Horn- A low frequency audio sound of 75-85dB is emitted when the doorbell, telephone or baby cry signalers are activated.



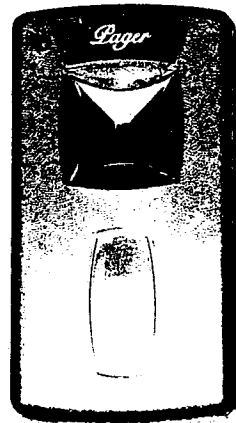
Deluxe Receiver- Plug this into any wall outlet as well as a lamp and it will cause the lamp to flash when signaled by a transmitter, whether or not the lamp is on or off.

Silent Call Personal Alert Systems- This system can monitor a variety of devices in the household. By using a transmitter and receiver the system can monitor any or all of these devices: doorbell, alarm clock, telephone, smoke detector, timer, sound monitor, knock sensor, personal pager, door/window access.

Receiver- This device needs to be worn close to the body and it comes with a clip to attach easily to the clothes. The receiver will vibrate when the signal is received from the transmitter. There is an on/off switch and four lights with symbols and descriptions for identifying which transmitter is signaling (sound, phone, door, fire). The system has a two year warranty.



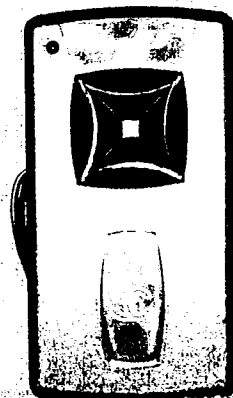
Sleep Alert Charger- This connects to the receiver for 24 hour monitoring of the entire Silent Call system. When it is connected, the receiver will be recharging. Comes with a two year warranty



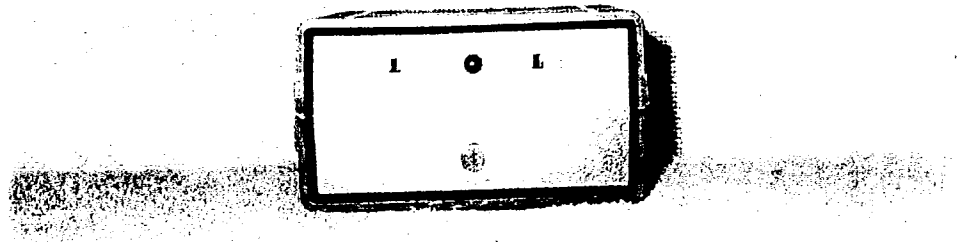
Pager- This paging system consists of a transmitter and receiver so that by pushing a button on the transmitter, the person wearing the receiver will be signaled by vibration. This device is battery operated.



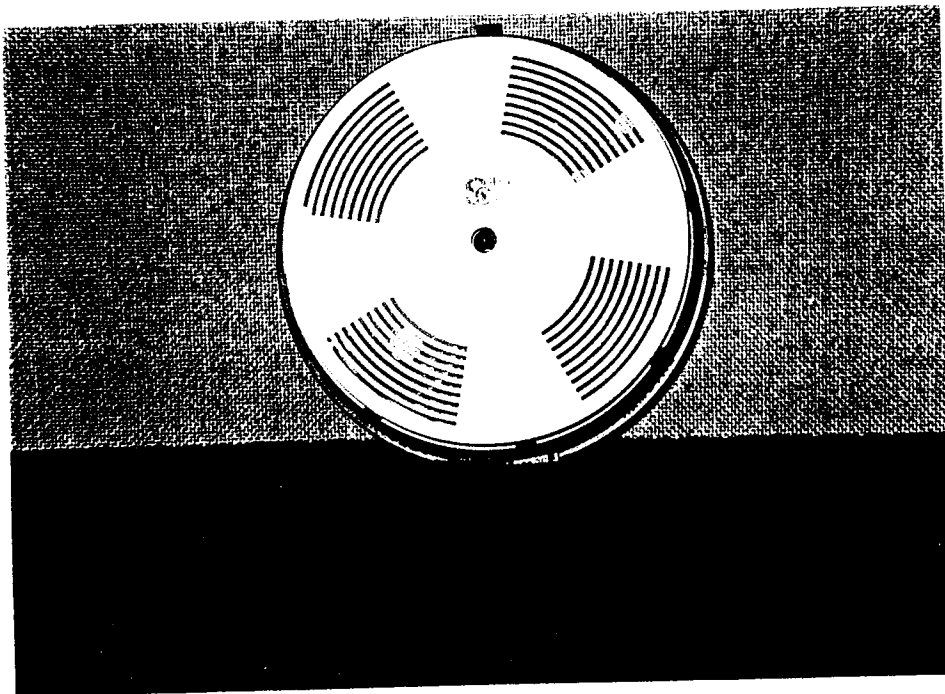
Telephone Transmitter- This connects to the jack of any phone or TTY. The transmitter will activate the vibrator on the receiver when the phone rings. The receiver will also flash when it is activated. This device comes with a two year warranty.



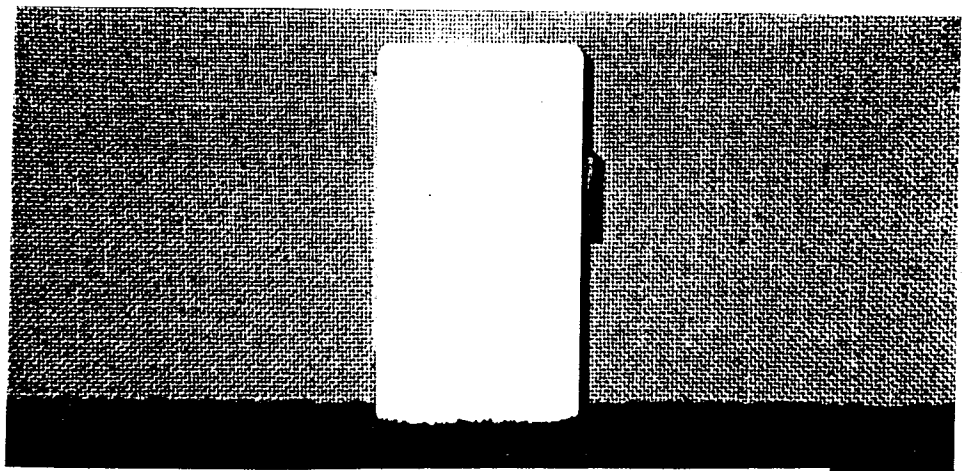
Doorbell Transmitter- This is activated by wiring the system to the doorbell chime. When someone rings the doorbell, the receiver vibrates and a light will flash. The device has a two year warranty.



Sound Monitor- Place this device in any room where you want to pick up sounds (such as the baby's room). The unit has a two year warranty.

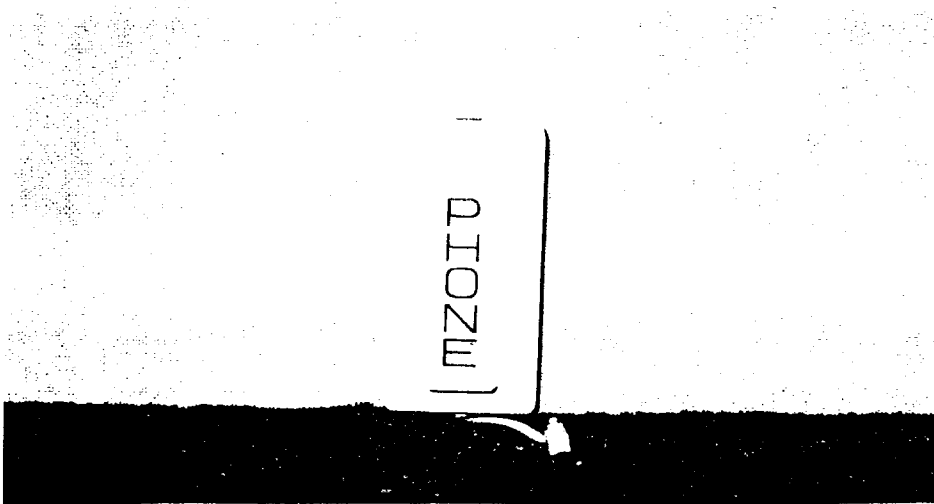


Smoke Detector/Transmitter- This is a battery powered unit with a built-in transmitter which sends a signal to a personal receiver. The receiver will vibrate to alert the owner to a fire and a light will also appear on the unit.

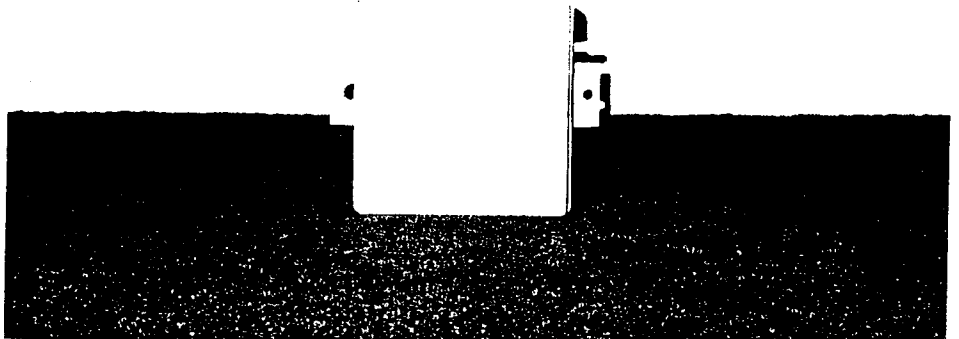


Wheelock Alerting System-

Telephone Relay- This device alerts the user when the telephone is ringing. It can be connected to any 115 volt AC device such as a lamp. It responds to a signal within a 16-68 Hz range. However, the lamp can only be utilized as part of the alerting system instead of lighting purposes.

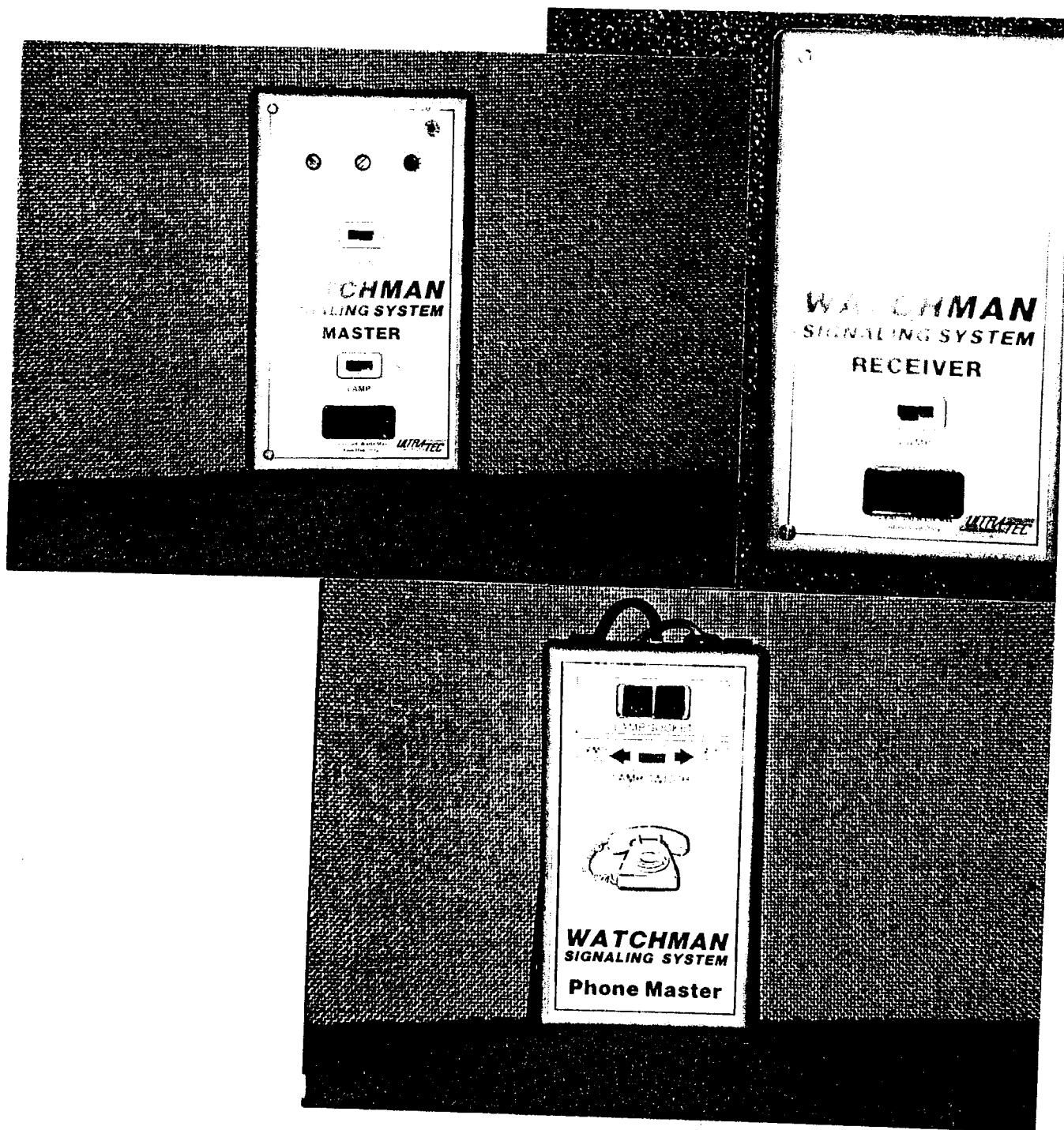


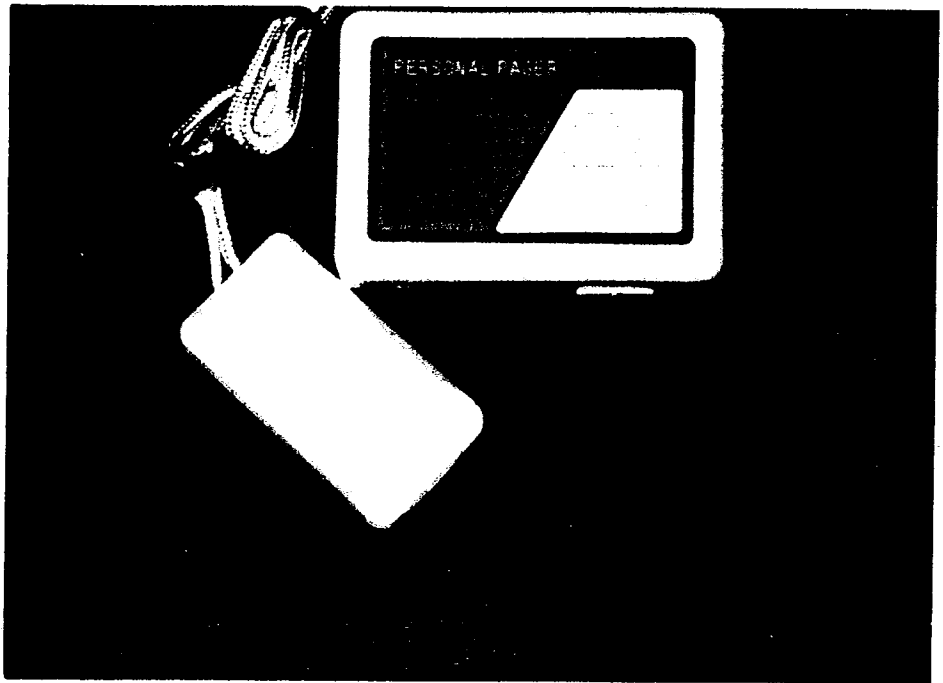
Phone Strobe- The strobe light flashes when the phone rings. the device plugs into an AC outlet and RJ11 jack and can be mounted on the wall.



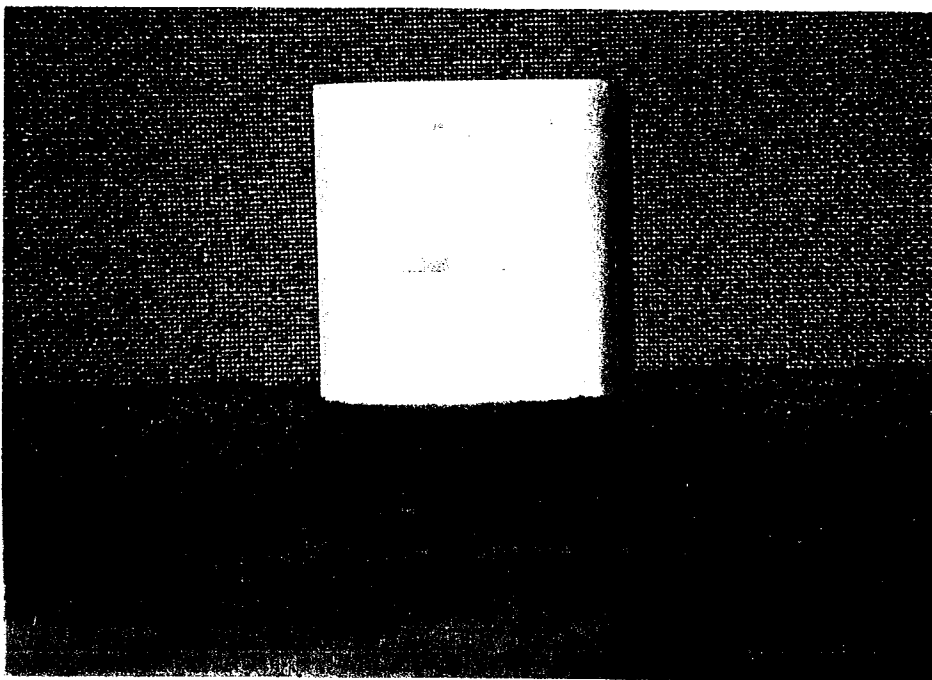
Outdoor Horn- An intense alerting signal is produced for noisy situations or wide area coverage. This device is weatherproof and operates from phone line power to produce a signal of 105dB.

Watchman Signaling System- This system alerts you to sounds such as the telephone, doorbell, alarm or baby cry. It can be directly connected to the phone and cause your lamp to flash when it rings. It can also be wired to the doorbell system or can be used in conjunction with receivers in any room to alert you to various sounds around the house. There are adjustable sound-signal controls and lamp flash rate. The signal frequency is about 100 KHz. The system consists of a Transmitter and a Receiver, and is also available in the direct connect Phone Master. The system comes with a one year warranty.





Personal Pager- This is a battery powered paging system requiring two AA batteries. The system will vibrate to get the attention of the owner and will function in a 100 foot range.

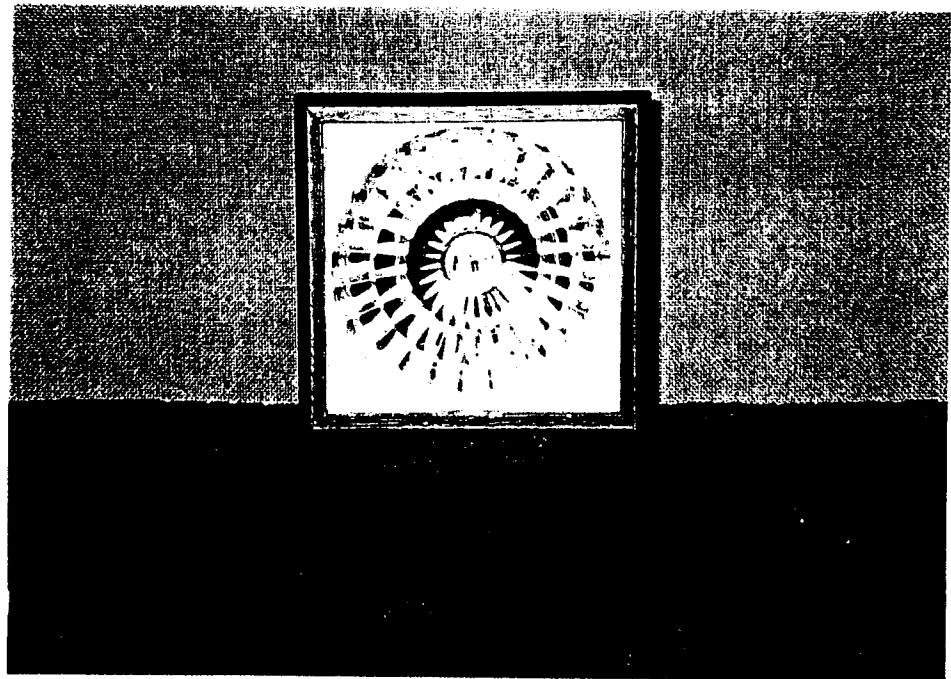


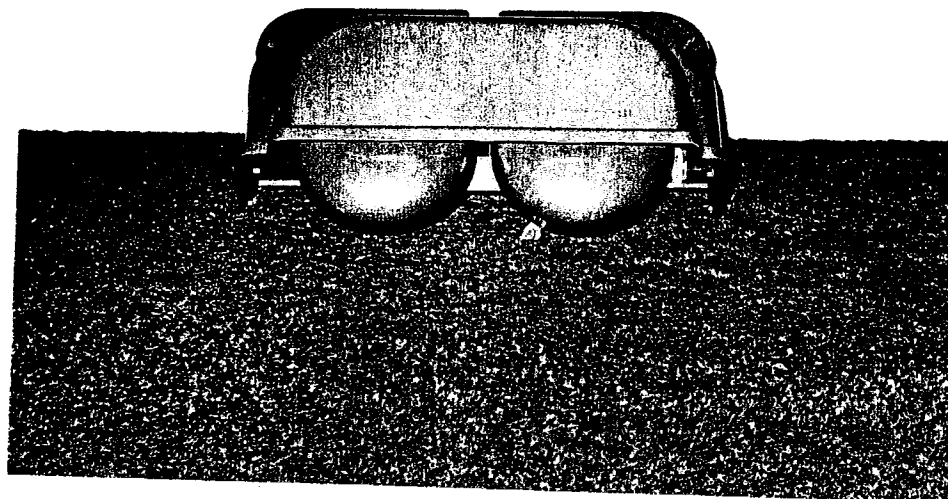
Door Beacon- This device alerts the owner to someone at the door. It operates on a 9 volt battery and is activated by vibration which produces a flashing light for several seconds. This item is portable, has three sensitivity settings and comes with a one year warranty.



Microstrobe- Plug this device into system receivers to be alerted to a signal. It works well with timers as an alerting device in the mornings and can be used with any sound activated switch or phone alert. It has a very bright flash and is industrial quality.

Strobe Alert with Color Inserts- This device has a woodgrain exterior with color inserts. It plugs into any receiver for signaling purposes. The flash is very bright and the device has variable speeds.





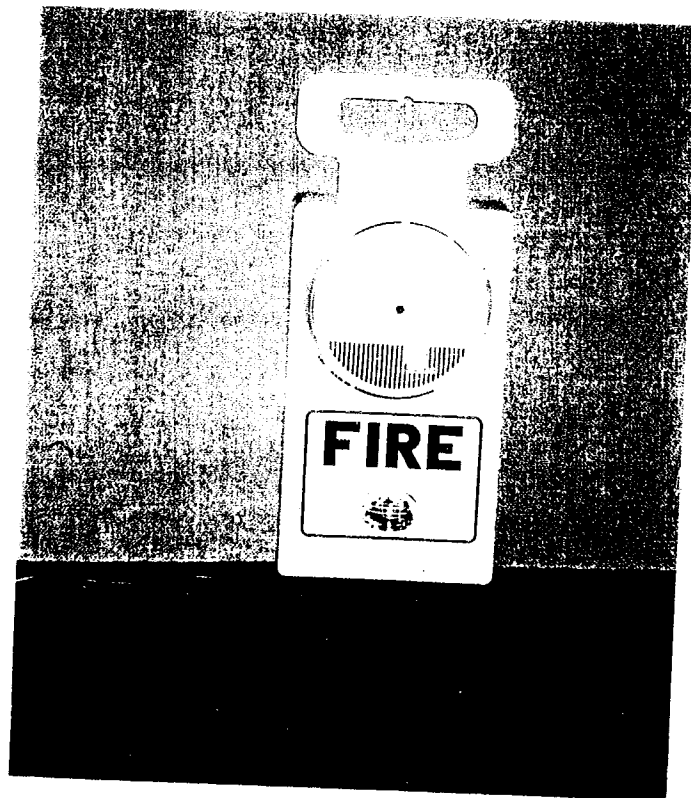
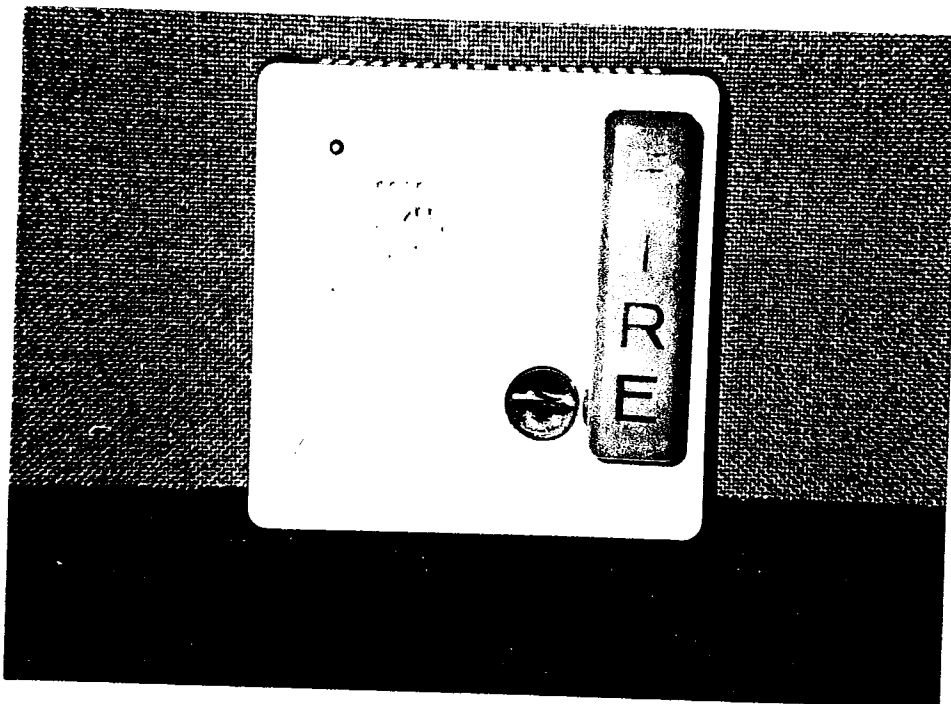
Indoor/Outdoor Double Gong- This is an extra loud bell (90dB) with dual four inch gongs. It comes with a volume control and has a modular jack. The device is waterproof and comes with a one year warranty.



Vibrating Alarm & Timer- This is a compact alerting device which can be placed in your pocket or under your pillow. This digital LCD clock and timer can count down from 99 hours. It requires a 1.5 volt AAA battery. It has a detachable belt/pocket clip and also has an audio signal.

FIRE/SMOKE ALARMS

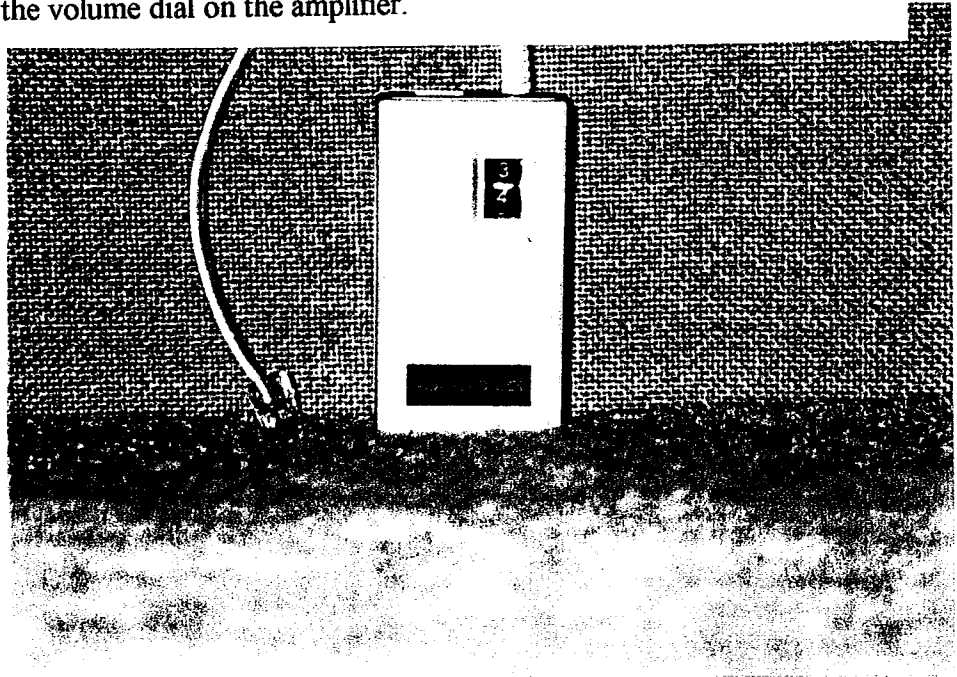
Gentex Smoke Detector- This system is available as both a hardwired or portable device. The alarm uses a strobe light at a rate of 60 per minute. The alarm also produces a 90 dB signal and is a photoelectric system.



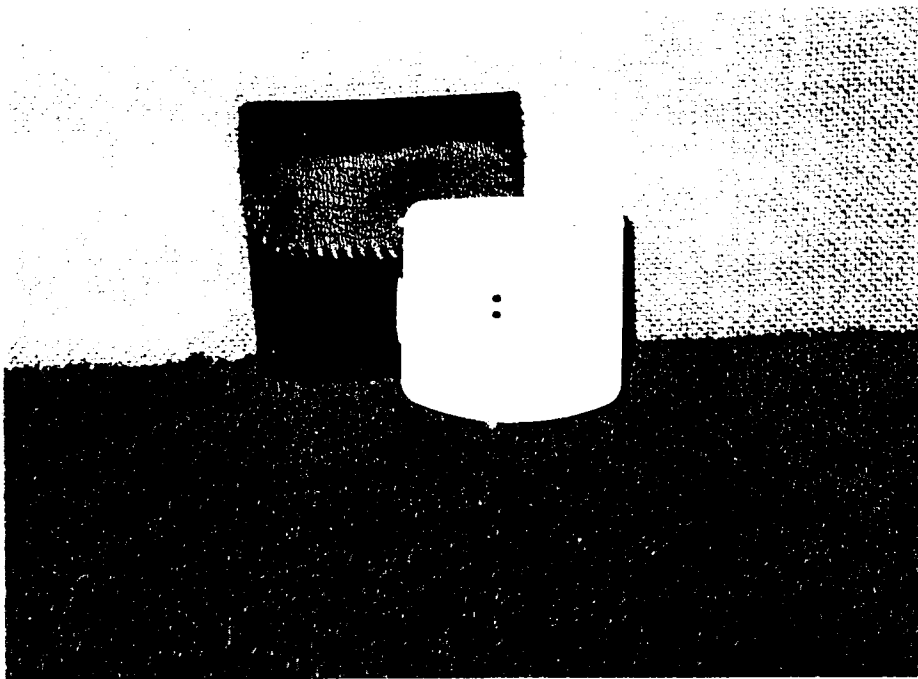
Whelan Strobe Alarm- This device is a portable or it is available as a hardwired system. The alarm consists of a strobe light which flashes at a rate of 75 per minute and is rated at 120 candela. It is a photoelectric system which makes use of a sensing chamber.

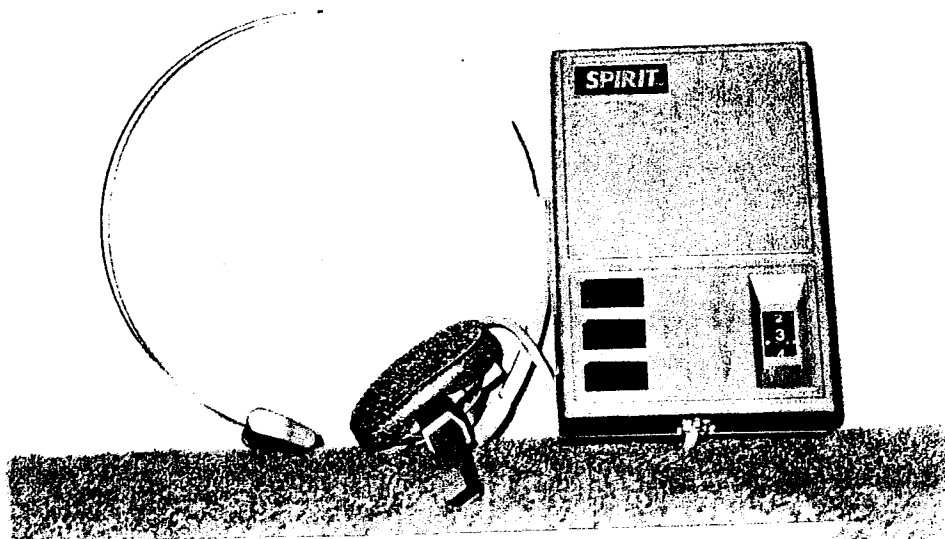
TELEPHONE AMPLIFYING EQUIPMENT

Walker/Plantronics In-Line Phone Amplifier- These devices can amplify up to 18 dB by connecting the phone base to the handset. The in-line amplifiers have an external power source which is the AC/DC transformer. This works with all modular phones except Trimline phones (dial in the handset). The volume can be adjusted to the individual's comfort by rotating the volume dial on the amplifier.



AT&T Strap-On Telephone Amplifier- This lightweight portable device is used for amplifying the phone signal. It straps on to the handset and the volume wheel is controlled by the user. It works with all phones and is battery operated (AAA).





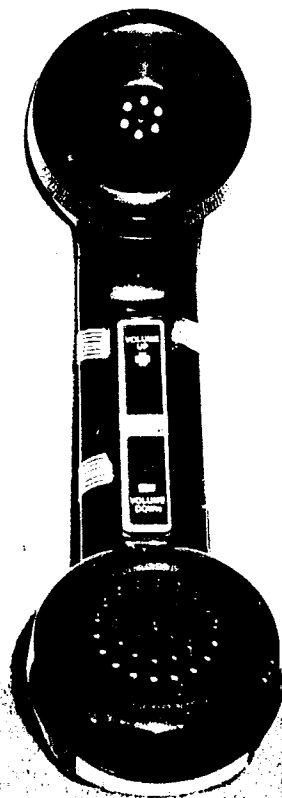
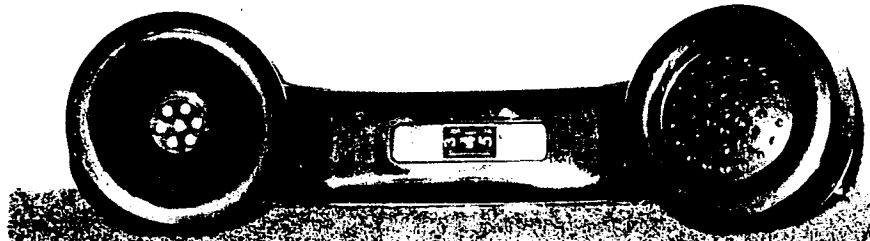
Plantronics Telephone Headset- The headset can be worn on either ear and used with any modular phone. The hearing aid user must use their telecoil but the system can be used by hearing people as well. There is an adjustable volume control which can provide up to 20 dB of amplification. There are no batteries required. Calls can be answered with the headset so you never have to pick up the phone. There is a mute button as well as a flash button to transfer calls or access call waiting.



HATIS- This stands for Hearing Aid Telephone Interconnect System. The device can be used with behind-the-ear and in-the-ear hearing aids with telephone switches, and Cochlear implants. The system works directly with the person's hearing aid and can amplify up to 144 dB^{spk}. The device comes with a T-coupler, cellular phone plug adapter and interconnect cord. The hearing aid becomes a receiver while the person speaks directly into the mouthpiece of the device.

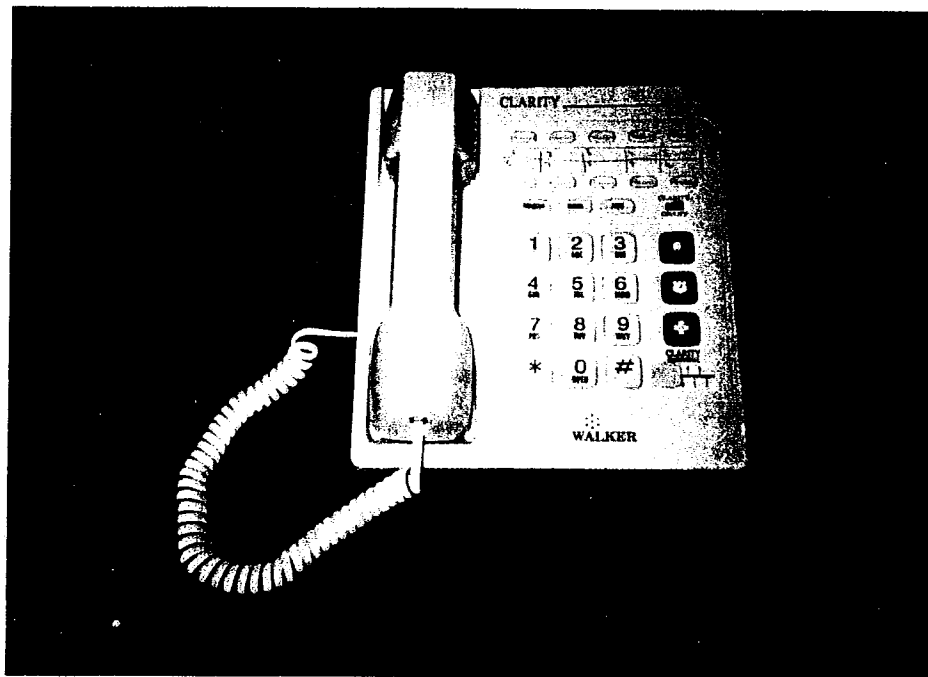
Amplified Telephone Handsets- This is a source of easy amplification for use on modular telephones.

AT&T G-Type- There is a rotary wheel volume control on the handset and it is hearing-aid compatible.

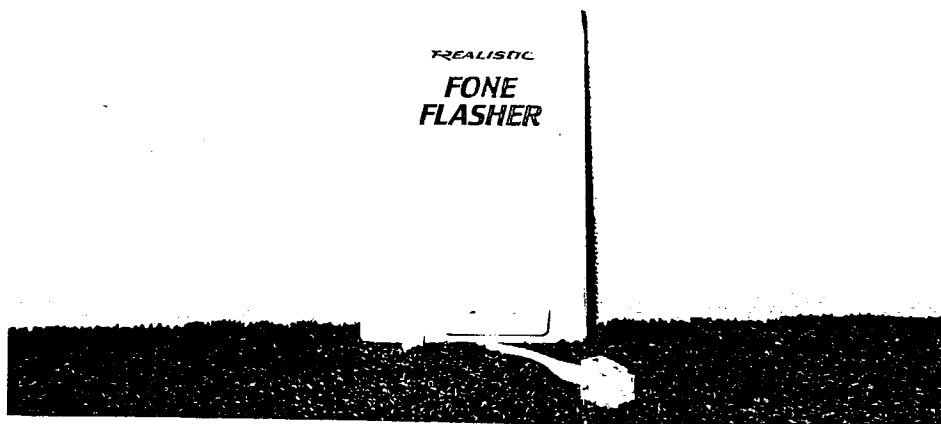


Walker Amplified Handset with Touchbar- The touchbar on the handset changes the volume and resets every time the phone is hung up so as to benefit all users. It provides 18-20 dB of gain.

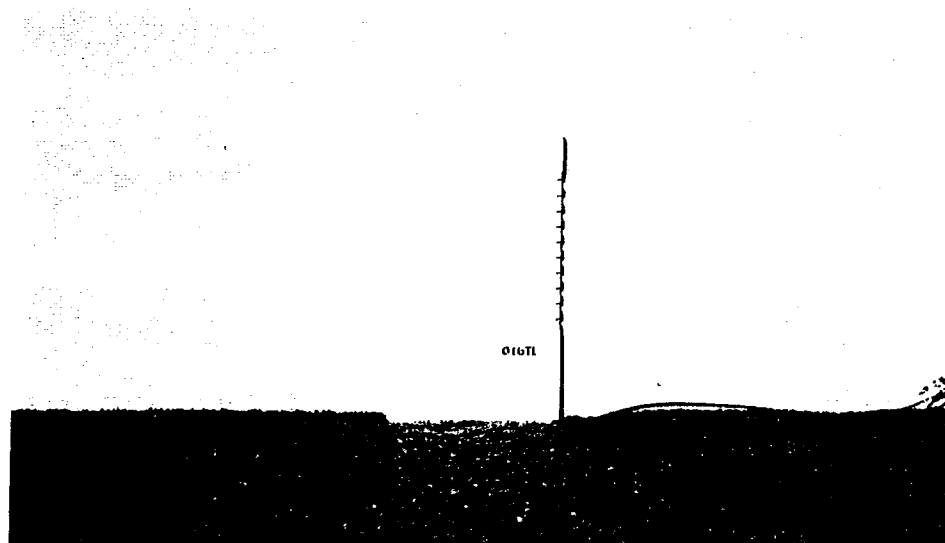
Walker Clarity Telephone- This phone allows the user to control the volume and clarity of the speaker's voice. There is a visual ringer feature, night-light dial pad and a programmable memory. The system has expanded frequency range from 250- 5000 Hz while other phones range only from 300-3000 Hz. The ringer produces an output of 73dB SPL, and the user can benefit from a minimum of 89 dB to 111 dB SPL of speaker volume.



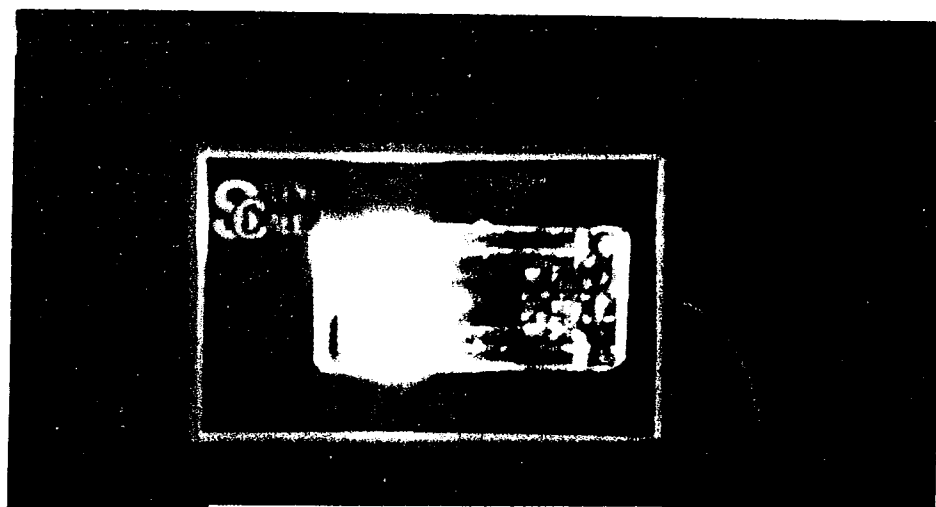
TELEPHONE ALERTING DEVICES



Fone Flasher- Plug this system into any AC outlet and then plug your lamp directly into the system so that when the phone rings, the lamp will flash on and off to alert you to the phone.



Tec Phone Ringer- This system plugs directly into the phone and alerts the owner to the telephone with a louder than normal ring.

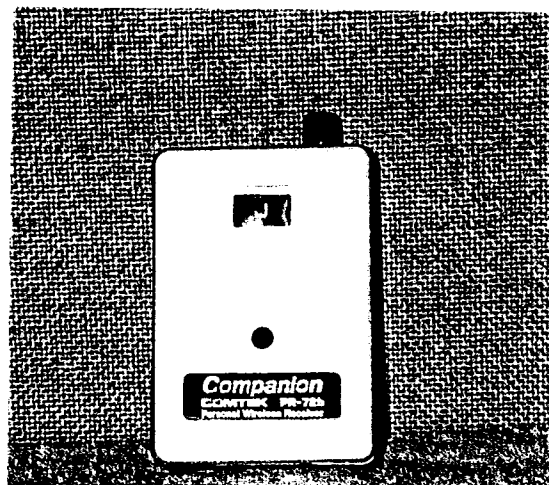
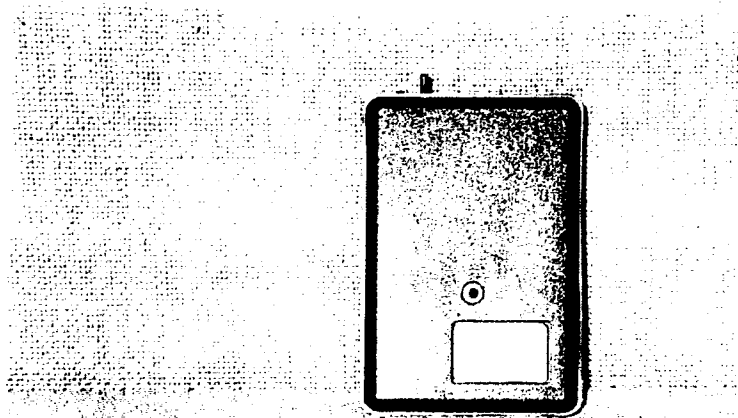


Tec Strobe Inline Phone Alert- This is a small device (5.5"x 8"x2.5") with line powered silent signal with 7000 candle-power flashes. The male cord plugs into and RJ11 jack and the female jack connects to any phone. When the phone rings the device will flash to alert the owner to the phone signal

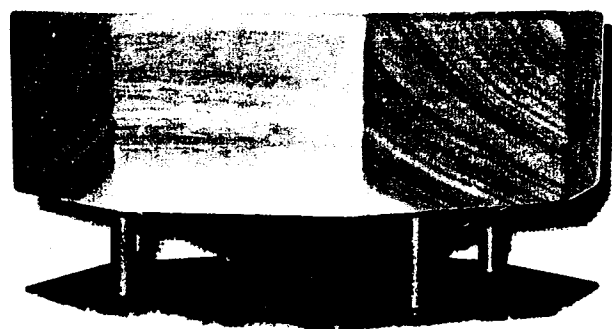
PORTABLE LISTENING DEVICES

FM Systems- This system transmits a signal from a microphone to a receiver worn by the user via radio frequency modulated waves. This type of system reduces distortion and amplifies the signal directly. This allows the user and the speaker to have mobility as well as enables the listener to hear other speakers in the room. The FM is beneficial in educational settings as well as social/business meetings or television viewing.

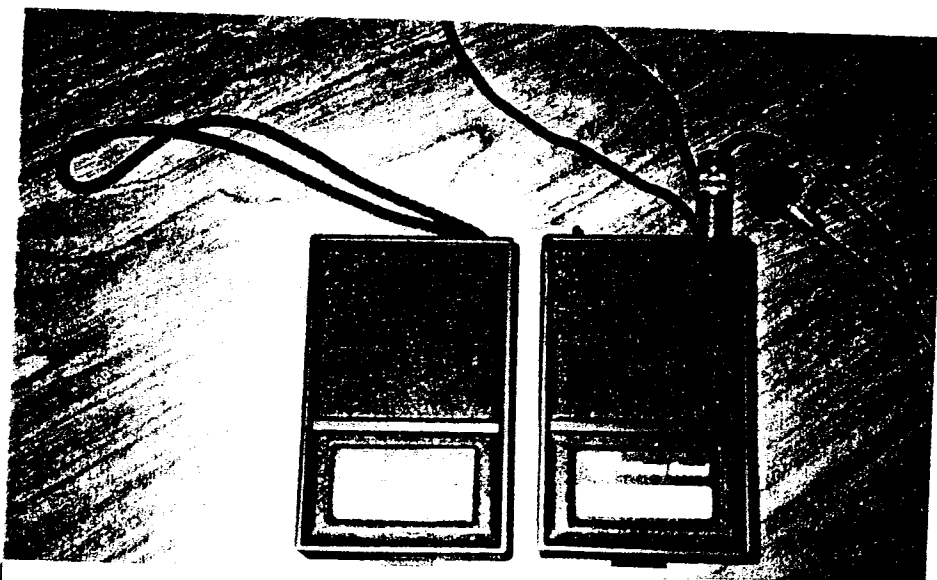
The microphone can be worn on the speaker's lapel and the receiver is compatible with in-the-ear, behind-the-ear hearing aids and Cochlear implants. The listener can choose to use an ear bud microphone or to couple it to a custom earmold. Walkman-like headsets can also be used. For more profound hearing losses, the listener can wear a neckloop and utilize their telecoil switch. For in-the-ear and behind-the-ear hearing aids, a silhouette can also be used in conjunction with the telecoil.



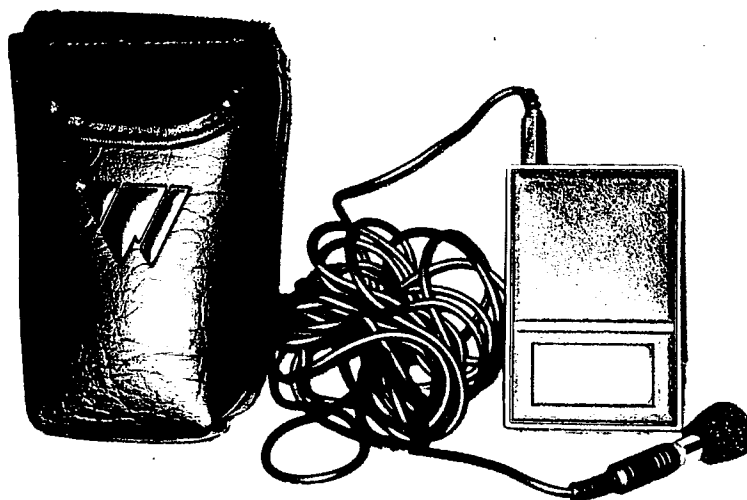
Comtek FM System- This system has a signal-to-noise ratio over 50 dB at 200 feet and has a plug-in crystal module for changing channels for both wide and narrow band reception. It has a carrier frequency of 72-76 MHz. The system lasts up to 40 hours with a 9 volt alkaline battery and comes with a one year warranty.



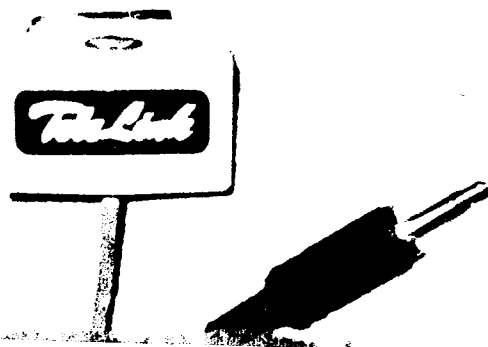
Comtek Conference Mate- This device works in conjunction with the Comtek FM system. It can pick up sounds from 15 feet and transmit up to 100 feet. There are no wires or microphones to deal with because it is an omnidirectional device which can be positioned in the middle of the room for any amount of time.



William Sound FM System- This system has an operating frequency of 72.1-75.9 MHz with a 55-60 dB signal-to-noise ratio. It operates up to 15 hours on a 9 volt alkaline battery and has a three year warranty. The William Sound Education System comes with an environmental microphone

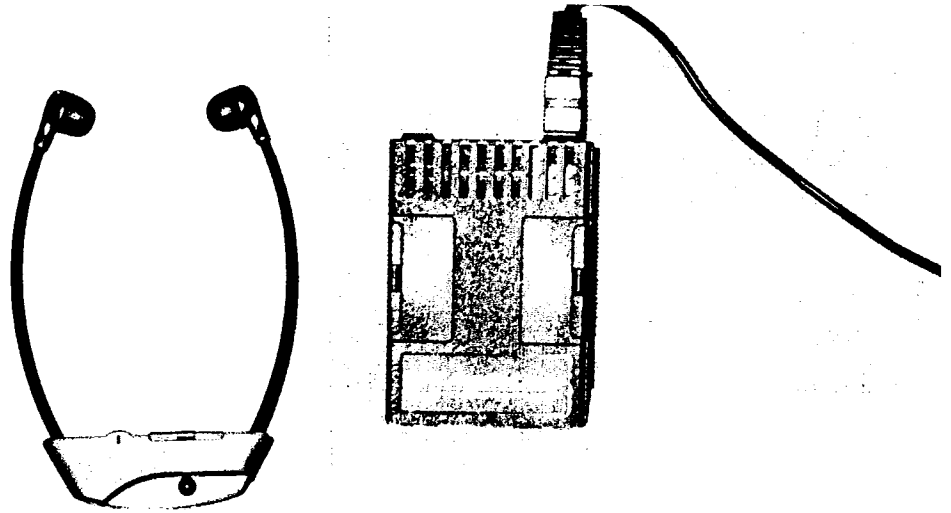


William Sound Pocketalker- This is an amplification system by which the microphone picks up the sound and transmits the signal through the device until it reaches the earphones of the listener. The device comes with a twelve foot extension cord which can be attached to the television or stereo by Velcro. Also, the device can be carried by the listener in any situation to pick up immediate sounds, or passed around for variable speaker input. The frequency response ranges from 250-3000 Hz and amplifies up to 110 dB SPL.

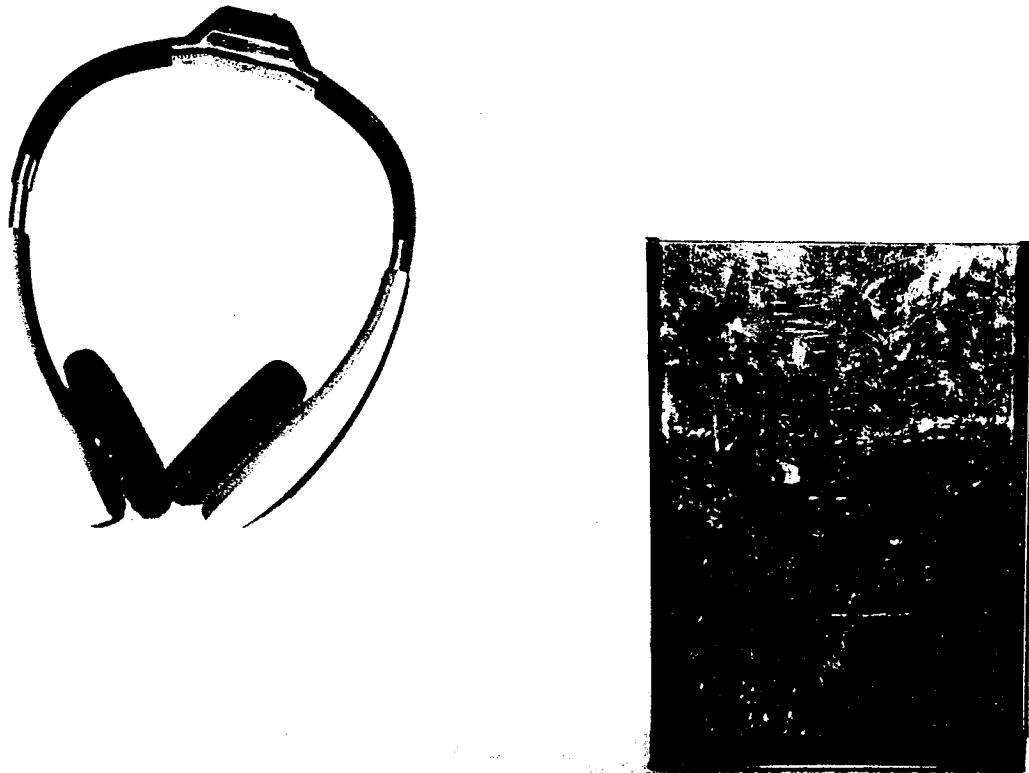


William Sound Telelink- This connects the Pocketalker to the telephone, but cannot be used with cordless phones, wall phones or phones with dialing access on the handset.

Infrared System- This type of system transmits an audio signal to a receiver through light waves. The signal is amplified from the transmitter to the receiver through headphones worn by the listener. Infrared systems are best used indoors so that sunlight and fluorescent light does not interfere. This system can be coupled to the listener by a neck loop, silhouette or directly to the hearing aid, and thus reduces background noise.

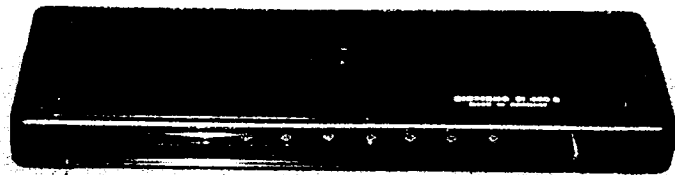


Audiolink Infrared System- This is a wireless infrared system that has an adjustable volume control on the headset. The device can produce up to 124 dB SPL of gain. This system can be used at home with the television or stereo, but the headphones can also be taken to any facility with an infrared system. The signal-to-noise ratio is +65 dB with a frequency response of 30-18,000 Hz.



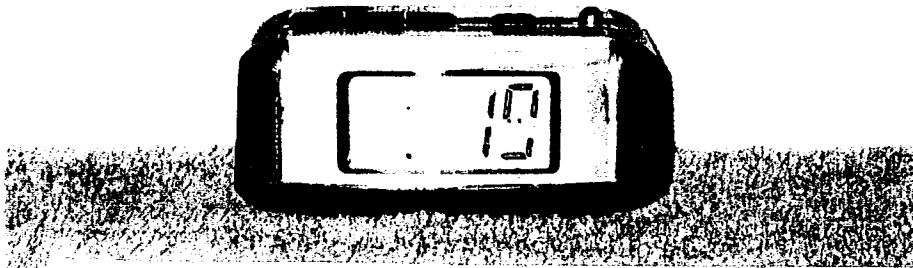
Ultraphonic Infrared System- This system is for a medium to large area covering 5500 square feet. The headphone uses two AAA batteries and there are independent volume controls on each ear. The signal-to-noise ratio is +42 dB and the frequency range is 40-16,000 Hz. There is a carrier frequency of 95 KHz and an output of 108 dB. This device is compatible with a telecoil.

Siemens Infrared System- This system includes transmitter with AC power, external microphone and one receiver.

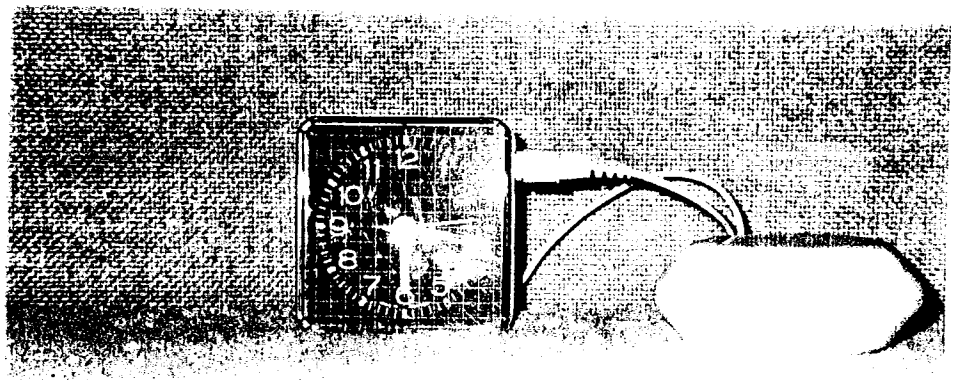


EARS- This portable device is used in your vehicle to alert the driver to exterior noises such as horns and sirens, exuding a visual and auditory signal.

ALARM CLOCKS

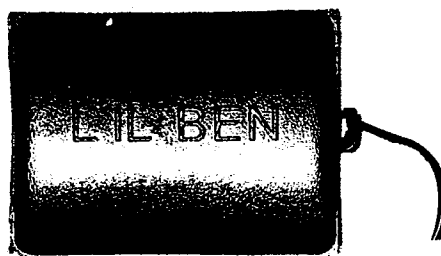
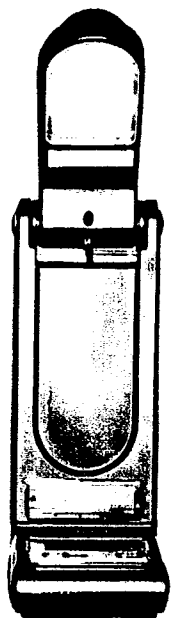


Extra Loud Buzzer- Serves as a regular alarm clock but alerts the sleeper with an extra loud signal.

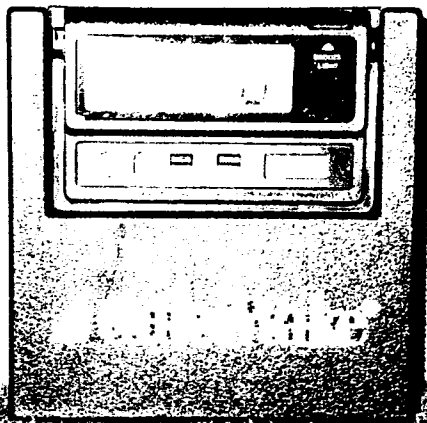


Vibrating Alarm- This clock can serve as an alarm with a vibrator attached to alert the sleeper. There is a removable face with raised dot numerals. Comes with a two year warranty.

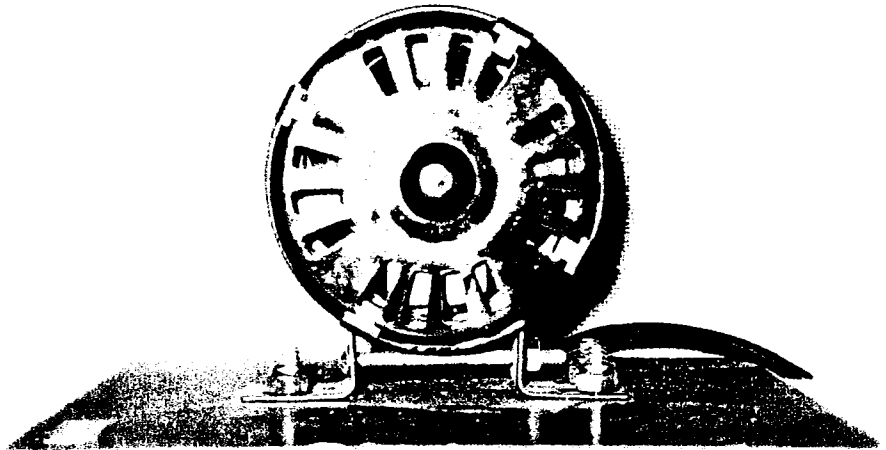
Global Combo- This device combines an alarm clock with a Halogen reading lamp which can be used separately, simultaneously, and/or with the L'il Ben vibrator to alert the sleeper. It has battery back-up and a one year warranty.



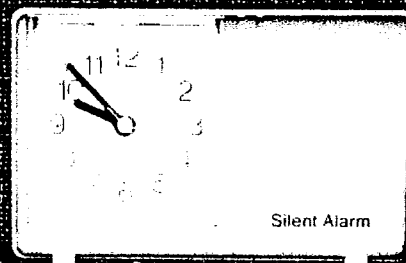
L'il Ben- This device has a standard AC receptacle which vibrates comfortably under the pillow. It can also be used in conjunction with the Global Combo.



Quietwake- This silent alarm alerts the sleeper by vibrating under the pillow. It requires two AA 1.5 volt alkaline batteries. It is very compact and can be used as a regular clock too. It comes with a one year warranty.

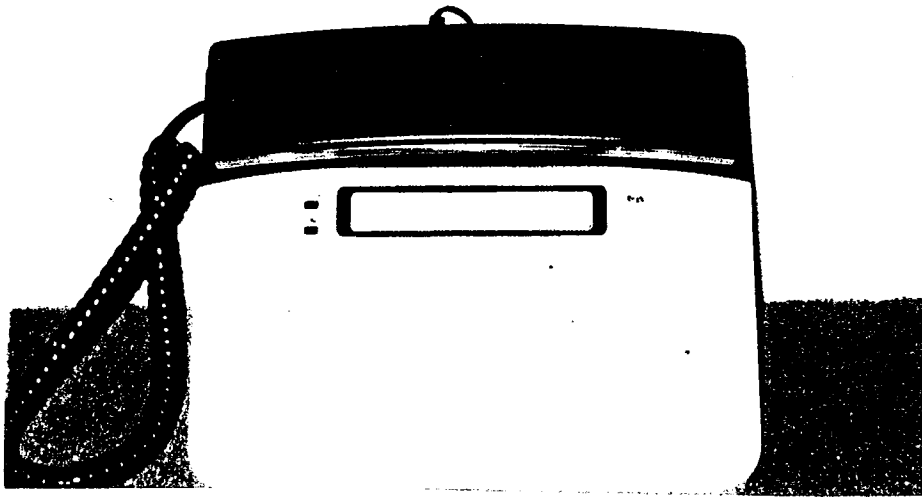


Shake and Wake Bed Vibrator- This is a heavy duty device used in conjunction with a clock timer to vibrate the bed so that it alerts the sleeper. It works with any clock that has an AC outlet and can be mounted on the bed frame.

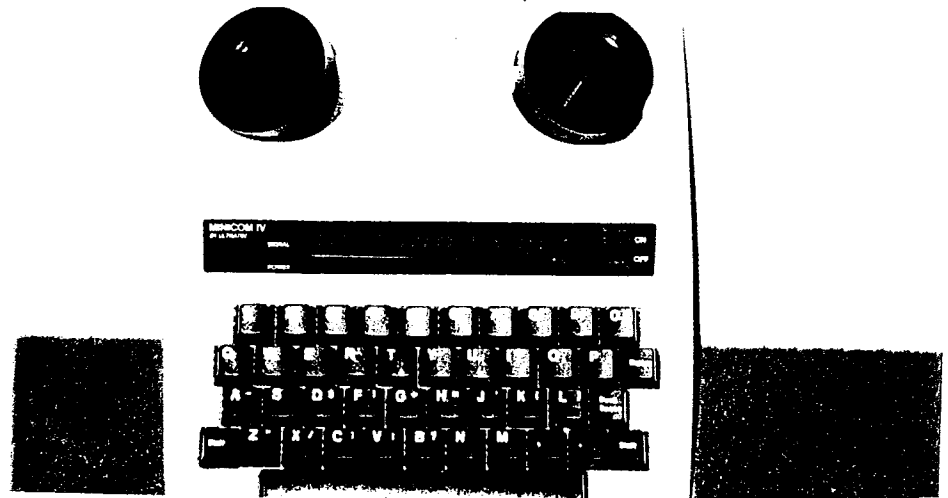


Silent Alarm: Travel Alarm with Vibrator- This comes with a clip-on vibrator piece which can be attached to the clothes or pillow. It uses AA alkaline batteries lasting approximately 150 days. It is portable and requires no outside energy source.

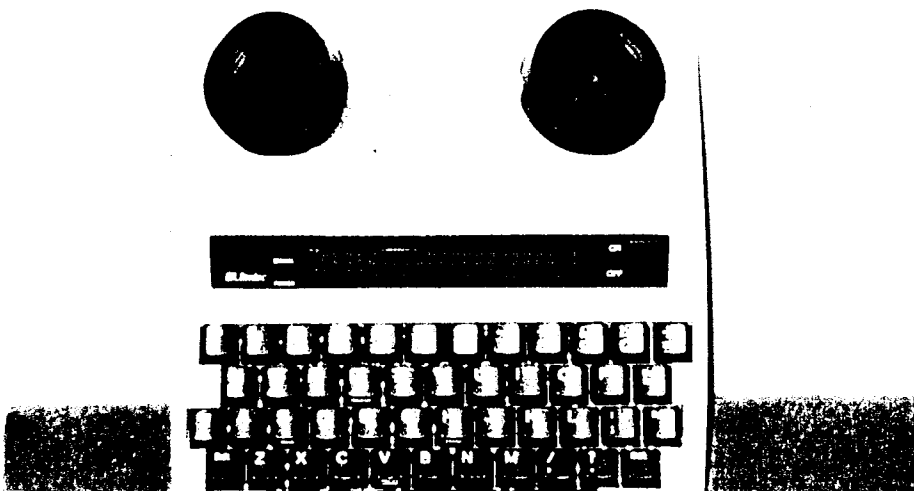
TELECOMMUNICATION DEVICES



Ultratec Uniphone 1000- This is a combination telephone and TTY. It has voice carry over capability and a volume control up to 20dB gain. It has a two line, 2x24-character LCD display. The auto ID feature notifies the owner of an incoming TTY call, as does the flashing light. This device also features voice-carry-over which enables the user to utilize their voice and text simultaneously. The machine is able to store messages and it lights up to display information. This device plugs directly into the analog phone line.

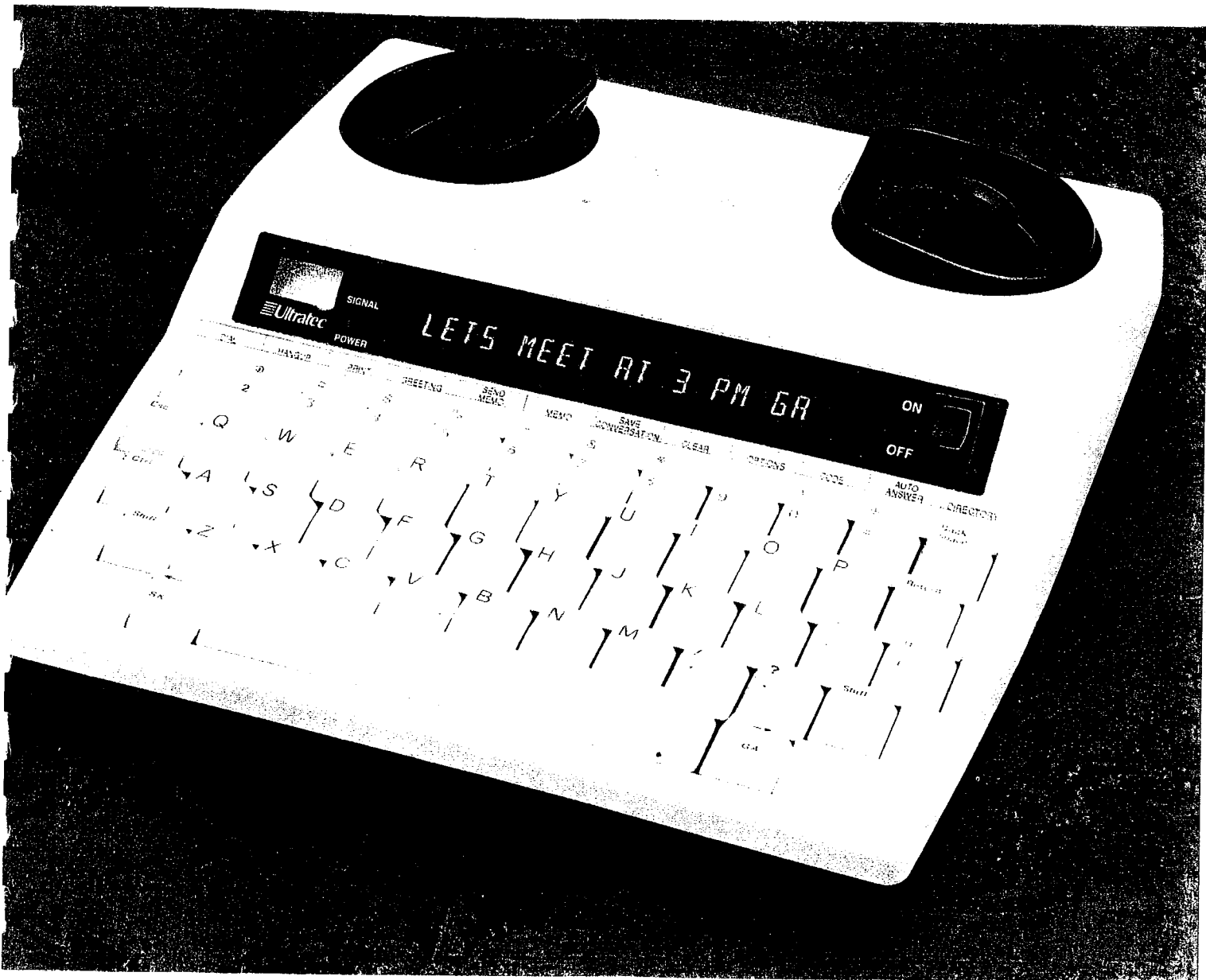


Ultratec Minicom IV- This TTY comes with a printer port which can connect to an external printer. It uses an AC adapter and rechargeable batteries. It has a 20 character display and comes with a carrying case. There is a one year warranty.



Ultratec Compact TDD- This is a portable system which only weighs one pound. It has 8k memory and a two line, 2x40 character LCD display with backlight. There is a 7-10 hour rechargeable battery life.

Ultratec Superprint 4425- Comes with a built-in printer with three type sizes and has Turbo Code and Auto ID. There is auto-answer and a programmable relay voice announcer. It is capable of retrieving messages and has a 32k memory. It comes with two phone jacks, built-in ring flasher and displays the time and date.



Uniphone 1140- Comes with all of the features of the Uniphone 1000 plus: speed dial numbers, emergency dial keys, 8k memory, auto-answer, voice carry over request key and built-in ring flasher.



Ultratec Mimiprint 425- This TTY comes with a built-in printer with three type sizes and universal acoustic cups. There is a bright 20-character display and computer style keyboard. It has two phone jacks and auto-answer. There is a built-in ring flasher and it also comes with Turbo Code and Auto ID.



Ultratec Supercom 4400-This device directly connects to the telephone line and has two telephone jacks built-in. It has memory dialing by name and last number redial. The 32k memory saves messages and has a TDD announcer. There is a built-in ring flasher and a bright 20-character display.



Product	retail
Alarm Clock w/Extra Loud Buzzer TA-1816AC	60.60
AT&T Strap On Amplifier ATT-28102	31.16
ATT Ampified Handset ATT-57576	50.94
Audiolink Infrared System NCI-PLS100	318.00
Comtek Conference Mate CM-25	313.43
Comtek Personal FM System A2-72	1037.40
Door Beacon HAC-5992	31.46
EARS	279.95
Fone Flasher	
Gentex Portable Smoke Detector w/ Strobe	167.96
Gentex Smoke Dectector GT-710CS	136.44
Global Combo Clock System HAC-CL12S	100.74
HATIS	
Indoor/Outdoor Double Gong	59.94
L'il Ben Bed Vibrator HAC-PBV2	49.31
MicroStrobe MX-480	83.48
Personal Pager	79.95
Plantronics In-line Phone Amplifier	49.45
Plantronics Telephone Headset	
QuietWake DT-QUIETWAKE	48.26
Shake and Wake Bed Vibrator HAC-5621	83.94
Siemens Infrared System SM-SISYS	223.50
Silent Call Doorbell Transmitter SC-1003	71.94
Silent Call Pager SC-1004	71.94
Silent Call Receiver SC-REC-1001	239.94
Silent Call Sleep Alert Charger Unit SC-1006	128.34
Silent Call Smoke Detector Transmitter SC-1008	119.94
Silent Call Sound Monitor SC-1005	118.74
Silent Call Telephone Transmitter SC-1002	71.94
Silhouette/Cord HAC-2301	25.14
Sonic Alert Baby Cry Transmitter SA-BC400	58.20
Sonic Alert Deluxe Receiver SA-201	65.40
Sonic Alert Doorbell Signaler SA-DS700	83.94
Sonic Alert Phone Signaler SA-TR75	71.94
Sonic Alert Phone/Doorbell Signaler Sa-TD500	107.94
Sonic Alert Remote Horn SA-RH100	64.74
Sonic Alert Remote Receiver SA-101	50.34
Sonic Alert Universal Sound Signaler SA-USS360	86.34
Srobe Alert w/Color Insert VE-2001W	32.10
Tec Phone Ringer	25.50
TEC Strobe Inline Phone Alert TC-070	36.18
Tiny Vibrating Alarm & Timer	
Travel Alarm w/Vibrator HH-2673	119.94
Ultrapasonic Infrared System	
Ultratec Compact TDD	299.00

Ultratec Minicom IV	239.00
Ultratec Miniprint 425	419.00
Ultratec Supercom 4400	339.00
Ultratec Superprint 4425	499.00
Ultratec Uniphone 1000	229.00
Ultratec Uniphone 1140	279.00
Vibrating Alarm VB-88	27.74
Walker Amplified Handset w/Touchbar WE-W6T500M	64.70
Walker Clarity Telephone WE-W1000	112.44
Watchman Phone Master UT-WM-PHONE	95.94
Watchman Receiver UT-WMRECEIV	56.34
Watchman Sound Transmitter HT-WM-Sound	95.94
Wheelock Outdoor Horn WH-TH-ET1	139.65
Wheelock Phone Strobe WH-PS11AWPW	79.76
Wheelock Telephone Relay	148.50
Whelan Strobe Alarm	
William Sound Education FM System WM-PFMSYSBE	591.15
William Sound Neckloop WM-NKL001	49.35
William Sound Personal FM System WM-PFMSYSAE	531.30
William Sound Pocketalker Wm-PKTSYSA1	141.69
William Sound Telelink WM-TEL001	46.20

Auditoriums and Theatres

AMC Esquire 7 Theater
6706 Clayton Road
St. Louis, MO 63117
314-781-6844
System: FM
Transducer: Headphone/Headset
Earphone/Earbud
Neckloop

AMC Crestwood Plaza 10 Theatres
248 Crestwood Plaza
St. Louis MO 63126
314-968-8766
System: FM
Transducer: Headphone
Neckloop

AMC Galleria 6 Theatres
30 St. Louis Galleria
St. Louis, MO 63117
314-721-6844
System: FM
Transducer: Earphone/Earbud
Neckloop

AMC Northwest Square 10 Theatres
11150 Old St. Charles Rock Road

314-298-8847
System: FM
Transducer: Earphone/Earbud

AMC Regency Square 8 Theatres
I-70 and Zumbuhl
St. Charles, MO 63303
314-946-8174
System: FM
Transducer: Earphone/Earbud

Edison Theatre
Box 1119 Forsythe Blvd.
Washington, University
St. Louis, MO 63130
314-935-6543
System: Infrared
Transducer: Headphone/Headset
Neckloop

Ellisville, City of
#1 Weis Ave.
Ellisville, MO 63011
314-227-9660
System: Infrared
Transducer: Headphone/Headset
Earphone/Earbud

Ethical Society
9001 Clayton Road
St. Louis, MO 63117
314-991-0955
System: FM
Transducer: Headphone/Headset
Neckloop

Fox Theatre
527 N. Grand
St. Louis, MO 63103
314-531-4833
System: Infrared
Transducer: Headphone/Headset

Graham Chapel
Washington University
Campus Box 1155
St. Louis, MO 63130
314-935-5234
System: FM
Transducer: Earphone/Earbud

Grandel Theater
3610 Grandel Square
St. Louis, MO 63108
314-534-1834
System: FM
Transducer: Earphone/Earbud

Jefferson National Expansion Memorial
(Old Courthouse and Gateway Arch)
11 N. 4th Street
St. Louis, MO 63102-1882
314-425-4468 (v)
314-425-4467 (TDD)
System: FM for films and ranger-led tours
Transducer: Headphone/Headset
Neckloop

Captioning, photo books, amplified
telephones and TDDs also available

Kirkwood Community Center Theatre
111 S. Geyer
Kirkwood, MO 63122
314-822-5855
System: FM
Receiver: Headphone/Headset

Missouri Botanical Garden
4344 Shaw Boulevard
St. Louis, MO 63110
314-577-9406
System: FM
Transducer: Headphone/Headset
Neckloop

The Muny
Fores: Park
St. Louis, MO 63112
314-361-1900
System: FM
Transducer: Headphone/Headset
Neckloop

Omnimax Theatre
Science Center
5050 Oakland Avenue
St. Louis, MO 63110
314-289-4400
System: FM
Transducer: Earphone/Earbud

Powell Symphony Hall
718 N. Grand
St. Louis, MO 63103
314-533-2500
System: Infrared
Transducer: Headphone/Headset

Queeny Park
550 Weidman Road
St. Louis, MO 63011
314-391-0900
System: Infrared
Transducer: Headphone/Headset

Riverport Amphitheatre
14141 Riverport Drive
St. Louis, MO 63043
314-298-9944
System: FM
Transducer: Headphone/Headset
Earphone/Earbud
Neckloop

Ronnies 8 Cine
5320 South Lindbergh
St. Louis, MO 63126
314-843-4336
System: Infrared
Transducer: Headphone/Headset

Self-Help for Hard of Hearing People
(SHHH) Gateway Chapter
9526 Manchester
St. Louis, MO 63119
314-968-4710
System: Loop
Transducer: Most provide own

Village Square 6 Theatres
N. Lindbirgh and I-270

314-895-3604

System: FM

Transducer: Earphone/Earbud
Neckloop

Wehrenberg Theaters

All theatres have assistive devices
either infrared or FM. Call the
theatre of your choice for details.

Transducer: Headphone/Headset

White House Retreats

(St. Louis Jesuit Retreat House)

7400 Christopher Drive

St. Louis, MO 63129

314-533-8903

System: FM

Transducer: Headphone/Headset

Churches and Temples

Missouri

Baptist

Fee Fee Baptist
11330 ST. Charles Rock Road
Bridgeton, MO 63044
314-739-1525
System: FM
Transducer: Earphone/Earbud

Kirkwood Baptist Church
211 N. Woodlawn Ave.
Kirkwood, MO 63122
314-965-2349
System: FM
Transducer: Earphone/Earbud

Manchester Heights Baptist Church
625 Meramec Station Rd.
Manchester, MO 63011
314-391-0305
System: AM
Transducer: Headphone/Headset

Second Baptist Church
of Greater St. Louis
9030 Clayton
St. Louis, MO 63117

System: Hardwire
Transducer: Earphone/Earbud

Catholic

Mary, Mother of the Church
4901 Kerth Road
St. Louis, MO 63128
314-894-1373
System: FM
Receiver: Headphone/Headset
Earphone/Earbud
Neckloop

St. Anselm Parish
530 South Mason Road
St. Louis, MO 63141
314-878-2120
System: Unknown
Transducer: Earphone/Earbud
Available for purchase

St. Catherine of Sienna Catholic Church
6815 Page Avenue
St. Louis, MO 63133
314-721-3069 (v)
314-727-2747 (TTY)
System: FM
Transducer: Earphone/Earbud
Neckloop

St. Charles Borromeo
601 N. 4th Street
St. Charles, MO 63301
314-946-1893
System: FM
Receiver: Earphone/Earbud

St. Francis of Assisi
4550 Telegraph Road
St. Louis, MO 63129
314-487-5736
System: FM
Receiver: Earphone/earbud

St. Genevieve
1575 Woodlawn
Warson Woods, MO 63122
314-966-3780
System: FM
Type of Receiver: Earphone/Earbud

St. Monica's Catholic Church
12136 Olive Blvd.
Creve Coeur, MO 63141
314-434-4211
System: FM
Receiver: Earphone/Earbud

St. Peter's
243 Argonne
Kirkwood, MO 63122
314-966-8600
System: Infra-red
Transducer: Provided

St. Vincent's Church
1408 S. 10th
St. Louis, MO 63104
314-231-9328
System: FM
Transducer: Earphone/Earbud

Christian Church

Overland Christian
2200 Lackland Road
Overland, MO 63114
314-429-7147
System: FM
Transducer: Headphone/Headset

Union Avenue Christian Church
733 Union Blvd.
St. Louis, MO 63108
314-361-8844
System:
Transducer: Earphone/Earbud

Webster Groves Christian
1320 W. Lockwood
St. Louis, MO 63122
314-961-3232
System: FM
Transducer: Earphone/Earbud

Episcopal

St. Matthew's Episcopal
1551 Bennett Avenue
Warson Woods, MO 63122
314-966-8909
System: FM
Transducer: Earphone/Earbud

Jewish

Brith Sholom Kneseth Israel Synagogue
1107 Linden Avenue
Richmond Heights, MO 63117
314-725-6230
System: FM
Transducer: Earphone/Earbud

Congregation B'nai Amoona
324 S. Mason Road
St. Louis, MO 63141
314-576-9990
System: FM
Transducer: Earphone/Earbud

Congregation Temple Israel
10675 Ladue Rd.
St. Louis, MO 63141
314-432-8050
System: FM
Transducer: Headphone/Headset
Neckloop

Shaare Emeth
11645 Ladue
St. Louis, MO 63141
314-569-0010
System: Infrared
Receiver: Headphone/Headset

Lutheran

Concordia Lutheran
7281 Sarah Street
Maplewood, MO 63143
314-647-1215
System: FM
Transducer: Earphone/Earbud

Grace Lutheran Chapel
10015 Lance Drive
St. Louis, MO 63137
314-868-3232
System: FM
Transducer: Earphone/Earbud

Lutheran Church at Webster Groves
8749 Watson Road
St. Louis, MO 63119
314-961-5275
System: AM
Transducer: Earphone/Earbud

Our Savior Lutheran
2800 W. Elm
St. Charles, MO 63301
314-947-8010
System: FM
Transducer: Earphone/Earbud

Peace Lutheran Church
737 Barrackview
St. Louis, MO 63125
314-892-5610
System: FM
Transducer: Earphone

St. Paul's Lutheran in Des Peres
12345 Manchester Road
Des Peres, MO 63131
314-822-0447
System: FM
Transducer: Earphone/Earbud

Village Lutehran Church
9237 Clayton Road
St. Louis, MO 63124
314-993-1834
System: FM
Transducer: Earphone/Earbud

Methodist (United)

Arcadia Valley United Methodist Church
521 Park Drive
Ironton, MO 63650-1400
314-546-7985
System: FM
Transducer: Earbud

Centenary United Methodist
16th & Pine
St. Louis, MO 63103
314-421-3136
System: FM
Transducer: Earphone/Earbud

Green Trails United Methodist
14237 Ladue Road
Chesterfield, MO 63017
314-6749
System: FM
Transducer: Earphone/Earbud

Kirkwood United Methodist
201 W. Adams
Kirkwood, MO 63122
314-966-8167
System: Infrared
Transducer: Earphone/Earbud

Manchester United Methodist
129 Woods Mill Road
Manchester, MO 63011
314-394-7506
System: FM
Transducer: Earphone/Earbud

Mt. Zion United Methodist
1485 Craig Road
St. Louis, MO 63146
314-432-4251
System: FM
Transducer: Earphone/Earbud

North Hills United Methodist
10771 Trask
St. Louis, MO 63136
314-524-1686
System: AM
Transducer: Earphone/Earbud

St. Luke's United Methodist
2761 Telegraph
St. Louis, MO 63142
314-892-6077
System: FM
Transducer: Earphone/Earbud

Stephan Memorial United Methodist
2730 Walton Road
St. Louis, MO 63114
314-428-6524
System: FM
Transducer: Earphone/Earbud

Presbyterian

Afton Presbyterian Church
9217 Gravois
St. Louis, MO 63123
314-631-9217
System: FM
Transducer: Earphone/Earbud

Central Presbyterian
7700 Davis
St. Louis, MO 63105
314-727-2777
System: FM
Transducer: Earphone/Earbud

First Prespyterian of Kirkwood
100 East Adams
Kirkwood, MO 63122
314-945-0326
System: FM
Transducer: Earphone/Earbud

Florissant Presbyterian Church
660 Charbonier Road
Florissant, MO 63031
314-837-8555
System: FM
Transducer: Earphone/Earbud

Home Heights United Presbyterian
3300 Marshall Avenue
St. John, MO 63114
314-427-0332
System: FM
Transducer: Earphone/Earbud
Also has sign language interpreter

John Calvin Presbyterian Church
14800 Larchburr Drive
Bridgeton, MO 63044
314-739-3066
System: FM
Transducer: Earphone/Earbud

Old Orchard Church
640 Amelia
Webster Groves, MO 63119
314-962-3795
System: FM
Transducer: Earphone/Earbud

St. Charles Presbyterian
Gamble & Sibley Streets
St. Charles, MO 63301
314-946-4467
System: FM
Receiver: Earphone/Earbud

St. Mark Presbyterian
601 Claymont Drive
Ballwin, MO 63011
314-394-2233
System: FM
Transducer: Earphone/Earbud

Trinity Presbyterian
6800 Washington
University City, MO 63130
314-725-3840
System: FM
Transducer: Earphone/Earbud

Unitarian

Eliot Unitarian Chapel
216 East Argonne
Kirkwood, MO 63122
314-821-0911
System: FM
Transducer: Earphone/Earbud

First Unitarian Church
5007 Waterman Blvd.
St. Louis, MO 63108
314-361-0595
System: FM
Transducer: Earphone/Earbud

United Church of Christ

Christ Church
7126 Bruno
St. Louis, MO 63143
314-644-3033
System: FM
Transducer: Earphone/Earbud

Church of the Master
1325 Paddock Drive
Florissant, MO 63033
314-921-3344
System: FM
Transducer: Earphone/Earbud

Evangelical United Church of Christ
204 East Lockwood
Webster Groves, MO 63119
314-968-1727
System: FM
Transducer: Earphone/Earbud

Freidens Chapel UCC
1060 Chambers Road
Bellefontaine NBR, MO 63137
314-867-2782
System: FM
Transducer: Earphone/Earbud

Parkway United Church of Christ
2840 North Ballas Road
St. Louis, MO 63131
314-872-9330
System: FM
Transducer: Earphone/Earbud

St. John's UCC
517 Jackson Street
St. Charles, MO 63301
314-724-1015
System: Infrared
Transducer: Earphone/Earbud
Neckloop
Shadow/Silhouette

St. Stephen United Church of Christ
8500 Halls Ferry Road
St. Louis, MO 63147
314-388-2442
System: FM
Transducer: Earphone/Earbud



- Products for People who are Deaf or Hard of Hearing
- ADA Compliance Solutions

WEITBRECHT COMMUNICATIONS, INC.

Gabriela Vidou
Sales Representative

2656 29th Street, Suite 205
Santa Monica, CA 90405
(310) 452-8613 (Voice)
(310) 452-5460 (TTY)
FAX: (310) 450-9918
(800) 233-9130

VC.

 Ultratec

April 10, 1996.

CENTRAL INSTITUTE FOR THE DEAF
818 South Euclid Avenue
St. Louis, MO 63110

Attn: MELISSA RIDINGS

Re: Advertising for Weitbrecht Comm., Inc.

Dear Melissa:

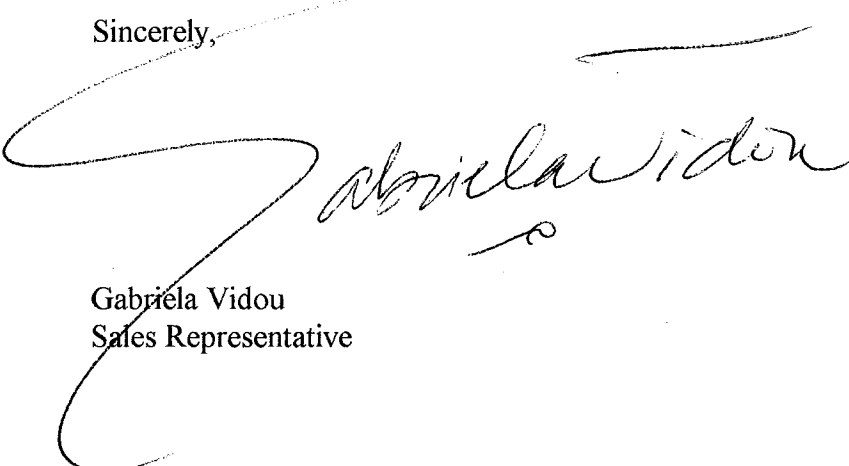
Per our conversation on 4/9/96, I am writing this letter at your request concerning advertising our company and products in your catalog.

After discussing with the president of the company your desire to include us in your catalog, Weitbrecht Communications allows Central Institute for the Deaf to do the following:

- * Incorporate pictures of our products in your catalog
- * Advertise our products in the Internet with pictures as well

If you should need additional photographs or information to put together your catalog please feel free to contact me. You can reach me between 8:30 am and 5:00 pm (PST) at (800) 233-9130. Thank you for supporting our company and products.

Sincerely,


Gabriela Vidou
Sales Representative

FIRST IN TELECOMMUNICATIONS FOR THE DEAF AND HARD OF HEARING