

User's Guide



ASSISTIVE LISTENING SYSTEMS

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Digital-6 Plus User's Guide, August 2005 (Rev. 1.0)

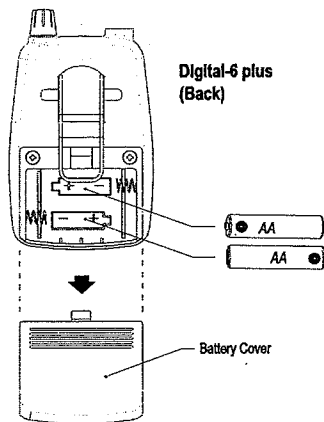
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Technical Support: **1.219.929.4127 (USA)**

How to Use Digital-6 Plus

Power Source

The Digital-6 Plus receiver operates on two AA-size batteries (alkaline or rechargeable Ni-Cad/NiMH). To install the batteries, place your thumbs on either side of the pocket clip and slide the battery cover off. Note the polarity markings and insert the batteries as shown.



How to Use Digital-6 Plus

Operating Instructions:

Step 1

Plug the earphone into the earphone jack. The earphone cable also acts as the receiver antenna. Extend the cable fully for the best reception and least interference.

Step 2

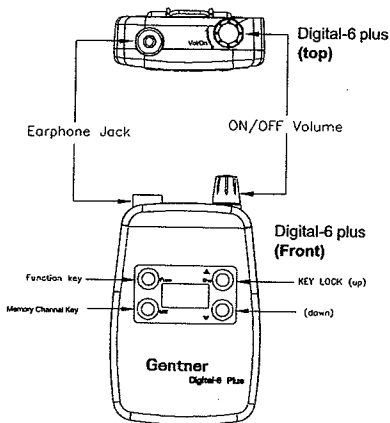
Turn on the receiver by rotating the volume knob clockwise. The LCD screen will illuminate. This indicates that the receiver is ON.

WARNING!

To avoid harm to ears, keep all receivers OFF until the transmitter is operating at full power. Keep volume setting at low to mid-range at all times.

Step 3

Adjust the volume to the desired listening level.



Step 4

To change the memory channel, make sure that the keypad lock is turned off (see keypad lock for instructions). Select a memory channel by using the "UP" or "DOWN" button to select any one of six memory channels. The current memory channel is displayed on the lower left corner of the LCD screen underneath the letter "M".

Tuning

Changing Preset Selection:

The Digital-6 Plus is equipped with six preset memory channels; it is set to across the Assistive Listening Band selected for best overall performance:

| Memory | Factory Setting | Frequency |
|--------|-----------------|-----------|
| 1 | Channel 2 | 72.10 MHz |
| 2 | Channel 10 | 72.50 MHz |
| 3 | Channel 19 | 72.95 MHz |
| 4 | Channel 21 | 74.70 MHz |
| 5 | Channel 28 | 75.50 MHz |
| 6 | Channel 36 | 75.90 MHz |

You may change the presets by following the step-by-step instructions. (See page 8 for frequencies corresponding to other channels.)



The Digital-6 Plus receiver is digitally tuned. Once a channel is selected, no further adjustments are necessary.

Step1

Make sure that the keypad lock is turned off by following the steps mentioned in "KEYPAD LOCK" instructions.

Step2

By using the "UP" or "DOWN" button, select one of six memory pre-sets which is to be changed. The current memory channel is displayed on the lower left corner of the LCD screen underneath the letter "M".

Step3

To change the current memory channel, press the button "MW". The small letter "M" will start to flash, and one of the 37 channels used in the Assistive Listening Band will appear on the LCD screen center. Pressing "Func" key will show the channel

frequency, using "UP" or "DOWN" key to select a channel (ch.01 to ch.37) to be saved in this memory pre-set, press "MW" key again to save and exit.

Frequency Chart

| Channel | *Frequency | Channel | *Frequency |
|---------|------------|-------------------------|------------|
| 01 | 72.05 | 20 | 74.65 |
| 02 | 72.10 | 21 | 74.70 |
| 03 | 72.15 | 22 | 74.75 |
| 04 | 72.20 | 23 | 75.25 |
| 05 | 72.25 | 24 | 75.30 |
| 06 | 72.30 | 25 | 75.35 |
| 07 | 72.35 | 26 | 75.40 |
| 08 | 72.40 | 27 | 75.45 |
| 09 | 72.45 | 28 | 75.50 |
| 10 | 72.50 | 29 | 75.55 |
| 11 | 72.55 | 30 | 75.60 |
| 12 | 72.60 | 31 | 75.65 |
| 13 | 72.65 | 32 | 75.70 |
| 14 | 72.70 | 33 | 75.75 |
| 15 | 72.75 | 34 | 75.80 |
| 16 | 72.80 | 35 | 75.85 |
| 17 | 72.85 | 36 | 75.90 |
| 18 | 72.90 | 37 | 75.95 |
| 19 | 72.95 | *Frequencies are in MHz | |

Keypad Function

Channel select

Press "UP" or "DOWN" to select channel.

Keypad Lock

Pressing "Func" and "UP" buttons at the same time will lock the front keypad. The keypad lock can be unlocked using the same method.

Note: When keypad is locked, only the current memory channel is accessible and a key will be displayed at the upper right corner of the LCD screen.

Reset to factory default settings:

Press and hold "UP" or "DOWN" button then turn on the power switch to restore the factory default settings.

Battery Strength:

Battery strength is displayed in the upper left hand corner of the LCD screen.

Note:

Be sure to turn off the receiver when it is not in use. This will help preserve the battery life. To turn off the Digital-6 Plus, turn the volume knob counter-clockwise until it "clicks".

How to set the battery type:

Two "AA" size alkaline batteries (3V) or rechargeable batteries (2.4V) can be used on Digital-6 Plus. Change the battery type using the following steps:

Step1

Press "Func" and "MR" buttons at the same time. The "2.4" or "3.0" will display, using "UP" or "DOWN" to change battery type.

Step2

Press "Func" and "MR" buttons at the same time.

Note:

Battery type setting will affect the battery indicator.

The Battery low function

When the battery power is getting low, a beep can be heard and "LOW" will appear on the LCD screen for 10 seconds.

To check a channel frequency:

Press "FUNC" button. The channel frequency will be shown on the LCD screen.

Correcting Interference

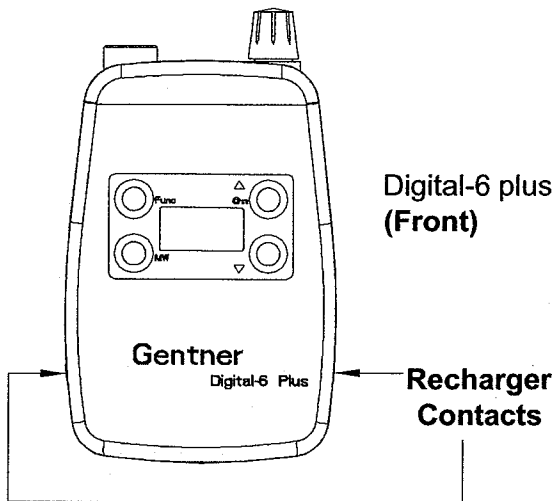
With any type of radio-frequency (RF) device, other RF sources can interfere with reception. Even the Assistive Listening Band is occasionally subject to use by other types of devices.

To check for on-channel interference, take the Digital-6 Plus receiver to the place where the interference is the worst and turn off the transmitter. The interfering signal should now become stronger. Set the TX-37A transmitter and the receivers to a different channel and return to the same place. If interference continues, try changing channels again until you get a clear signal.

If more than one TX-37A is operating in the same area, try to keep the channels used as far apart as possible (3 channel spacing recommended).

Recharging

The Digital-6 Plus is designed for use with regular or rechargeable Ni-Cad batteries. Each receiver has two re-charger contacts, one on each side (see the diagram on page 14)



These contacts may be used in conjunction with Gentner's BC-10B for quick and easy recharging. Simply place the Digital-6 Plus receiver in the BC-10B charger when not in use, and it will automatically recharge for the next usage.

Important Recharging Information:

Fully depleted Ni-Cad batteries require approximately 18 hours to recharge. Once charged, Ni-Cad batteries will power the Digital-6 Plus for approximately 30 hours. Alkaline batteries will power the Digital-6 Plus for approximately 40 hours.

WARNING!

Use ONLY Ni-Cad rechargeable batteries in the Digital-6 Plus when using the BC-10B battery charger. Alkaline batteries will damage the BC-10B. Also, do not exceed 60 hours of continuous recharging or you may damage the batteries and/or the receiver

Specifications

Digital-6 Plus

| | |
|------------------------|--|
| Dimensions: | 2.55" / 6.48cm W x 3.9" / 9.9 cm H x 1.1" / 2.8 cm D |
| Weight: | 4.32 oz ./ 122.4 g (dry) |
| Frequency Range: | 100-10,000 Hz |
| Output Level: | 140 mW into 32 Ohms at 10 percent thd |
| Signal-to-Noise Ratio: | >55 dB at 1 mV |
| Distortion: | <2 percent |
| Transmission Type: | FM, medium bandwidth (60 KHz) |
| RF Frequency Range: | 37 Channels, 72-76 MHz |
| Sensitivity: | 3.5 uV typical, 7uV max for 20 dB S/N |
| Controls: | On-Off /Volume, Preset Selector, Channel Selector (hidden) |
| Earphone Jack: | Standard 3.5 mm Mono |
| Power Requirements: | 2xAA batteries |
| Battery Life: | 40 hours with Alkaline types |

Technical Support: **1.219.929.4127 (USA)**

Notice

Starin Marketing, Inc. assumes no liability for improper use or operation of this equipment. The user is cautioned to operate the volume controls at the lowest acceptable level and in a manner that will not cause damage to hearing. Ear pieces and accessories should be worn using good judgment and for their intended purpose. To avoid entanglement, the ear pieces and neck loops should be removed and stored promptly after use and before sleeping.

Users are cautioned that changes or modifications not expressly approved by Starin Marketing, Inc. could void the user's authority to operate the equipment.

If you experience problems with this equipment, contact Starin Marketing, Inc.

Compliance

Tested to Comply with FCC Standards

The Digital-6 Plus complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- 1) This device may not cause harmful interference, and
- 2) This device must accept any interference received, including interference that may cause any undesired operation.

IC Compliance

This device complies with RSS-210 of Industry Canada. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesirable operation of the device.

IC Certification Number: 1970 1021 1169A

Warranty

Starin Marketing, Inc. (Manufacturer) warrants that this Assistive Listening System (ALS) product is free of defects in both materials and workmanship. Should any part of this equipment be defective, Manufacturer agrees, at its option to:

A. Repair or replace any defective ALS product, free of charge (except transportation charges), for a period of one year from the date of the original purchase, provided the owner returns the equipment to the Manufacturer. No charge will be made for parts or labor during this period

B. Furnish replacement for any defective ALS product parts in the equipment for a period of one year from the date of original purchase. Replacement parts shall be furnished without charge. Except labor and transportation.

C. Repair or replace any defective ALS accessory,

free of charge (except transportation charges), for a period of 60 days from the date of the original purchase, provided the owner returns the equipment to the Manufacturer, No charge will be made for parts or labor during this period. This warranty excludes assembled products not manufactured by Manufacturer whether or not they are incorporated in a Manufacturer product or sold under a Manufacture part or model number.

THIS WARRANTY IS VOID IF:

A. The equipment has been damaged by negligence, accident, act of God or mishandling, or has not been operated in accordance with the procedures described in the operating and technical instructions; or,

B. The equipment has been altered or repaired by other than Manufacturer or an authorized service representative of Manufacturer; or,

C. Adaptations or accessories other than those manufactured or provided by Manufacturer have

been made or attached to the equipment which, in the determination of Manufacturer, shall have affected the performance, safety or reliability of the equipment; or,

D. The equipment's original serial number has been modified or removed.

NO OTHER WARRANTY, EXPRESSED OR IMPLIED, INCLUDING WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR USE, APPLIES TO THE EQUIPMENT, nor is any person or company authorized to assume any warranty for Manufacturer or any other liability in connection with the sale of Manufacturer's products.

Manufacturer does not assume any responsibility for consequential damages, expenses or loss of revenue or property or inconvenience or interruption in operation experienced by the customer due to a malfunction in the purchased equipment. No

warranty service performed on any product shall extend the applicable warranty period.

In case of unsatisfactory operation, the purchaser shall promptly notify Manufacturer at the address set forth below in writing, giving full particulars as to the defects or unsatisfactory operation. Upon receipt of such notice, Manufacturer will give instructions respecting the shipment of the equipment or such other matters as it elects to honor this warranty as above provided. This warranty does not cover damage to the equipment during shipment and Manufacturer assumes no responsibility for such damage. All shipping costs shall be paid by customer.

This warranty extends only to the original purchaser and is not assignable or transferable.

Starin Marketing, Inc.
1531 S. Calumet Rd., Chesterton, IN 46304

Contact Numbers

Sales and Technical Support:

Call Toll Free (USA) ... **1.800.846.5606**

Fax..... **1.219.929.4377**

International Sales and Tech. Support:

Telephone..... **1.219.929.4127**

Fax..... **1.219.929.4377**

Other Contact Information:

World Wide Web..... **www.gentnerals.com**

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