



## Digital-6 Receiver Receivers

Gentner's Digital-6 Receiver is a highly versatile assistive listening device with six user-selectable preset channels. It is small, attractive, durable, and easy to use.

Gentner's Digital-6 Receiver provides the best sound quality for hearing assistance and may be digitally tuned to any of the 37 FCC approved assistive listening frequencies. The digital tuning processor ensures the receiver is locked on to a particular frequency regardless of normal changes in temperature, humidity, or rough handling.

The six preset channels offer the user multiple choices that can easily be changed in a variety of situations. This is ideal for applications that have multiple audio sources such as multiplex movie theatres, classrooms, or multi-lingual worship services. The receiver is tunable to all available assistive listening channels.

The Digital-6 Receiver uses a single set of standard AA batteries for extended battery life and can run for 40 hours or longer.

A wide variety of accessories are available for the Digital-6 Receiver including a variety of earbuds and ear-phones to suit most every hearing need.



**Each Digital-6 Receiver includes a wrist strap, belt/pocket clip, and a single earbud.**

### Features and Benefits

- Digitally tuned to lock on to desired frequency
- Six user-selectable preset channels to easily switch between audio sources
- Wide area FM system works outdoors or in bright light with no line of sight restrictions
- Extra-long battery life (40+ hours), uses two AA batteries
- Elegant, simple design makes it easy to use by virtually anyone
- Large On/Off/Volume control, Power LED indicating power is On and batteries are charged
- High power output stage (140mW) provides superior audio quality
- Convenient and easy to carry; built in belt/pocket clip, wrist strap and single earbud included
- Field tunable to all FCC approved assistive listening channels. No factory service or additional parts required to change channels

### Applications

- Live Theatre
- Stadiums
- Auditoriums
- Convention Centers
- Movie Theatres
- Houses of Worship
- Outdoor Events

# assistive listening systems

## Specifications

### Physical Dimensions (LxDxH)

2.63" x 0.75" x 3.50"  
6.68 x 1.91 x 8.89 cm

### Weight

4 oz/113.4 g (dry)

### Type

FM, medium bandwidth (60kHz)

### Audio Frequency Range

100Hz-10kHz

### Audio Output Level

140mW into 32 $\Omega$  @ 10% THD

### Signal to Noise Ratio

>55dB @ 1mV

### Distortion

<2%

### RF Frequency Range

37 Channels, 72-76MHz

### Sensitivity

0.3uV typical, 1mV max for 12dB  
SINAD

### Controls

On/Off/Volume, preset selector, channel  
selector (hidden)

### Earphone Jack

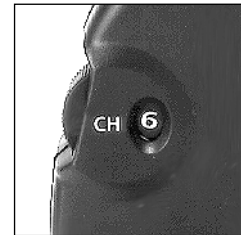
Standard 3.5 mm mono

### Power Requirements

2 standard AA batteries

### Battery Life (Typical)

40 hours with alkaline types



Any of the six preset channels may be selected simply by moving the thumbwheel.

## A&E Specifications

The receiver shall operate in the 72-76MHz Auditory Assistance Band as approved by the FCC. It shall have an I.F. acceptance of 60kHz with AFC function for long-term frequency stability. Audio frequency response shall be 100Hz-10kHz.

The Digital-6 Receiver shall have a thumbwheel switch to select any of six preset channels in the Auditory Assistance Band. Each of

the six preset channels shall be individually tunable via an internal control.

The receiver shall be contained in a simple, high-strength plastic case with integral pocket clip. Only the On/Off/Volume and channel control shall be exposed. There shall be a standard 1/8" mono headphone jack for audio output. The jack shall be recessed to provide stress protection for the headphone plug.

The receiver shall provide an audio output of 140mW into a 32 $\Omega$  load. The receiver shall operate on two standard AA batteries, and contain built-in recharging contacts for operation with rechargeable batteries and a suitable drop-in recharger.

The Gentner Digital-6 Receiver is specified.