

DIGITAL-6 RECEIVER

ASSISTIVE LISTENING SYSTEMS



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



PRODUCT OVERVIEW

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 multi-plex 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 earphones to suit most every hearing need.

APPLICATIONS

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

FEATURES/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, 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 (140 mW) 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



1 . 8 0 0 . 9 4 5 . 7 7 3 0
1 . 8 0 1 . 9 7 5 . 7 2 0 0

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SPECIFICATIONS

Physical Dimensions: 2.63"W x 3.50"H x 0.75"D 6.68 cm x 8.89 cm x 1.91 cm	RF Frequency Range: 37 channels, 72-76 MHz
Weight: 4 oz. (113.4g Dry)	Sensitivity: 0.3uV typical, 1mV max for 12dB SINAD
Type: FM, medium bandwidth (60kHz)	Controls: ON/OFF/VOLUME, Preset selector, channel selector (hidden)
Audio Frequency Range: 100-10,000Hz	Earphone Jack: Standard 3.5 mm Mono
Audio Output Level: 140mW into 320ohms @ 10% THD	Power Requirements: Two standard AA batteries
Signal to Noise Ratio: >55dB @ 1mV	Battery Life (Typical): 40 hours with alkaline types
Distortion: <2%	

ARCHITECTURAL & ENGINEERING SPECIFICATIONS

The receiver shall operate in the 72-76 MHz 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 100-10,000Hz.

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 in able 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 320hm 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.



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