



Digital-6 Plus Receiver

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

Gentner's Digital-6 Plus provides excellent sound quality for hearing assistance and not only amplifies audio but also make the audio more intelligible for the hearing impaired. The Digital-6 Plus has six memory channels that may be digitally tuned to any of the 37 ALS frequencies corresponding to the frequencies on the Gentner TX-37a transmitter. The six memory channels are ideal for applications that have multiple audio sources such as a multiplex movie theater, classrooms, or multi-lingual worship services.

An illuminated LCD screen makes memory channel selection and programming easy to view even in low light situations. The On/Off/Volume knob provides effortless control of the Digital-6 Plus.

The Digital-6 Plus Receiver uses a single set of standard AA batteries for extended battery life and can run for 40 hours or longer. Rechargeable batteries may be used in conjunction with the BC-10b battery charger to ensure charged receivers without the hassle of replacing batteries. And the LCD battery indicator assures you always know how much battery power remains.

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



Features / Benefits

- Illuminated LCD display for ease of use and programming
- Six user-selectable memory channels to easily switch between multiple audio sources
- Digitally tuned to provide clear reception
- Keypad lock to dedicate receiver to a specific frequency
- 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 knob for simple audio control
- Convenient and easy to carry; built in belt/pocket clip, wrist strap and single earbud included.
- Field tunable to 37 of the FCC approved assistive listening channels. No factory service or additional parts required to change channels.

Applications

- **Stadiums**
- **Convention Centers**
- **Movie Theaters**
- **Houses of Worship**

Specifications

Physical Dimensions (WxHxD)

2.55" W x 3.9" H x 1.1" D
6.48cm x 9.9cm x 2.8 cm

Weight

4.32 oz /122.4 g (dry)

Audio Frequency Range

100Hz-10kHz

Audio Output Level

140mW into 32Ω @ 10% THD

Signal to Noise Ratio

>55dB @ 1mV

Distortion

<2%

Transmission type

FM medium bandwidth (60 kHz)

RF Frequency Range

37 Channels, 72–76MHz

Sensitivity

3.5 uV typical, 7 uV max for 20 dB S/N

Controls

On/Off/Volume knob, up/down arrow for memory channel selector, keypad lock, channel selector

Earphone Jack

Standard 3.5 mm mono

Power Requirements

2 standard AA batteries (alkaline or rechargeable NiCad/NiMH)

Battery Life (Typical)

40 hours with alkaline types

30 hours with rechargeable types

A&E Specifications

The receiver shall operate in the 72-76 MHz Auditory Assistance Band as approved by the FCC. The receiver shall have six memory channels selected by up/down arrows that scroll through the LCD menu. Each memory channel shall be individually tunable to one of 37 channels in the Auditory Assistance Band. The receiver shall have a keypad lock to lock on to a single memory channel.

The receiver shall have an illuminated LCD menu screen to

accommodate programming, memory channel selection and keypad lock as well as an indication for battery power levels. The LCD display shall be back lit for use in low-lighting conditions.

The receiver shall be contained in a simple, high-strength plastic case with integral pocket clip. The On/Off/Volume knob shall turn clockwise for On and Volume increase while turning counter-clockwise for Off and Volume decrease. 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. Audio frequency response shall be 100Hz – 10 kHz. The receiver shall provide an audio output of 140mW into a 32Ω 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 Plus is specified.