

CC-75 Digitally Synthesized

Large Area Assistive Listening System (72-76 MHz)



- AutoSmart-Tuning® Receiver
- Higher Transmitter Power (120 mW)
- Antenna Load Indicator
- Flash Memory Programmable
- Easy Setup - Temporary or Permanent
- Receiver Battery Life - 100 Hours

The CC-75 large area assistive listening system features the all-new PR-75 AutoSmart-Tuning® (AST) receiver and BST-75 base station transmitter. When the headphones are plugged into the PR-75 receiver, the receiver will automatically turn on and select the transmitter in its closest proximity. With the one-button AST tuning, this system is ideal where multiple transmitters in the 72-76 MHz band are operating independently in the same building. The PR-75 AutoSmart-Tuning® receiver makes it possible for the listener to use the same receiver to attend multiple events in different rooms at church, school, and courthouses, etc.

The BST-75 base station transmitter may be used with a rack mount and an external antenna for permanent installation. For portable, easy system setup, the transmitter may be placed on a table and used with a short telescoping whip antenna. The BST-75 transmitter is powered by 12 volt AC for permanent installation or 12 volt DC for field operation. The PR-75 receiver may be used with stereo or mono headphones, direct audio input cords for use with hearing aids and cochlear implant processors, and with the NTC-102 neckloop for use with hearing aids having a "T" coil.

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General Specifications



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BST-75 Base Station Transmitter

Audio Inputs:

- Line level balanced input 0 dBm for 80% modulation (+20 dBm max)
- Electret mic unbalanced input with bias -25 dBV for 80% modulation

Connectors:

- XLR-3F Combo with 1/4" phone jack
- Barrel type 5.5mm X 2.1mm DC power jack
- BNC type RF output

Antenna:

- BNC RF output for external permanent antenna installation
- 19" Telescopic antenna mounts directly into top of transmitter for portable operation

Power Requirements:

12 Volts AC or DC for field use

RF Output Power:

Three power levels: 10 mW, 40 mW, 120 mW (Certified under FCC Part 90)

PR-75 AutoSmart-Tuning® Receiver

Controls:

- Volume control (50 dB range)
- Automatic turn-on when headphone is plugged in and turn-off when headphone is removed
- One-button AutoSmart-Tuning®

Audio Frequency Response:

100 Hz to 10 kHz

Antenna:

Integral with headphone cable

Battery Life:

Over 100 hours with two AA alkaline batteries or 50 hours with rechargeable Ni-MH batteries

FCC Compliance:

Certified under FCC Part 15B for scanning receivers

CC-75 system includes: one BST-75 synthesized base station transmitter with power supply, PR-75 AutoSmart-Tuning® receiver, SM-N earphone or LS-3 headphone, RMK-75 rack mount, and RDA-2b remote dipole antenna.

Optional Accessories



NBC 9-3-12
Digital Fast Charger/Storage Case

The NBC 9-3-12 Digital Fast Charger is designed to simultaneously charge and store up to twelve PR-75 receivers. It is equipped with a self-diagnostic capability to identify faulty batteries and to ensure safe operation. When batteries reach a fully charged state, the charger will indefinitely maintain the batteries in a state of readiness until units are to be used.

FP-75 Field Programmer



The FP-75 Field Channel Programmer provides a quick and convenient way to change the channel of large numbers of PR-75 receivers to accommodate different venues requiring a different channel set up. The programmer will allow the receiver to receive one or more designated channels or any specific group channels that can then be manually accessed in sequence for "roundabout" type of channel selection with the AutoSmart-Tuning® button.

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