



# SOUND ASSOCIATES, INC.

## R4 WIRELESS RECEIVER

AUDIO AND VIDEO DISPLAY FOR  
I-CAPTION®, D-SCRIPTIVE™ AND  
SHOWTRANS® SYSTEMS

The R4 wireless video display is a state-of-the-art receiver capable of supplying verbatim closed captions, subtitles, graphics or audio playback on an individual hand-held receiver. Originally designed for live theatrical productions, this fully-automated system conveys pre-programmed dialogue, lyrics and sound effects with the efficiency of real-time captioning at a fraction of the cost and manpower. Each R4 receiver is a self-contained, non-intrusive wireless unit that can be used in any seat in the venue, allowing patrons with special needs to become active members of the general audience, no longer limited to certain performances or relegated to special seating constraints.

The R4, when coupled with the T4 transmitter and the CS-3 control unit, will display I-Caption user defined slides for closed captions or subtitling. The R4 can also playback prerecorded audio files in mp3 format for audio description for the blind or for multi-lingual audio commentary. When used with the I-Caption computer base station is the key component to a completely automated display system, utilizing proprietary wireless technology to deliver reliable cue changes every time.



Receiver for:

I-Caption® - Automated Wireless Closed Captioning System for the Hearing Impaired.

D-Scriptive - Automated Audio Description for Sight Impaired Patrons.

ShowTrans - Automated Audio Commentary for Foreign Speaking Patrons.

Features:

- High resolution color TFT LCD display supplies crisp graphics and text that is easy to see at all angles.
- 3.5" LCD display allows a comfortable amount of dialogue on the screen at one time.
- Backlight can be ramped on or down from 0% to 100% over a specified period of time for each individual slide allowing the natural transition from dark to light.
- Each unit has been ergonomically designed to fit comfortably in the patron's hand with little or no long-term fatigue.
- Completely self-contained, battery powered, receiving show information via an innovative 2.4 GHz mesh network, specifically designed to work in high traffic radio transmission areas.
- Completely automated delivery of audio and video segments when coupled with the I-Caption CS-3 control unit.

The R4 handheld unit incorporates a sensitive RF transceiver utilizing a peer-to-peer protocol in 2.4 GHz range for operation in global markets. This innovative mesh protocol offers added network stability through self-healing, self-discovery, and dense network operation. All of the video and audio content are stored on the units' removable micro-SD card. The unit reads jpg format to display graphic data while playing mono or stereo mp3 audio files.

**I-Caption**  
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