CCR-100

May the Force be with you.

HI/VI-N/CC

Accessibility Solutions for the Hearing and Visually Impaired

CCH-100

IRC-28C

CCHPS-100
Power supply

IRH-280

USL, Inc. provides a unified solution to meeting all your accessibility requirements with an Infrared system designed to fill a lifetime void... intelligible, clear sound.

The Closed Captioning System is designed to transmit hearing impaired (HI) audio, visually impaired narrative (VI-N), and closed captions into an auditorium using standard infrared (IR) technology. Two types of display units are available for the visually impaired narrative: The "Seat Mount" display that fits in the armrest or the "Eyewear/glasses".

CCH-100 Captionwear®
Closed Captioning Glasses

Captionwear® text is projected into the user's view, and the user can adjust the position of the text. The engineered optics make the captions appear as a distant "virtual image" which minimizes eye strain due to refocusing between text and the movie image. Users may select one of up to four caption languages. Standard AA batteries provide more than 30 hours of continuous operation.

CCH-100

CCR-100
Closed Caption Display

The CCR-100 seat mount closed caption receiver provides the patron with a private display that is attached by a gooseneck to the seat arm. The CCR-100 displays the user-defined welcome message until the presentation starts. It then displays the closed captions delivered in the digital cinema package (DCP). If more than one language was delivered in the DCP, the user can select which of up to four languages to view.

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Optics present a distant virtual image to the user so the caption and movie screen can be viewed without refocusing the eye. This optics also reduces visibility of the display to other patrons.

CCR-100 Side

IRH-280 Headphones
Two channel IR headphones for HI and VI-N audio

The IRH-280 headphones receive audio over infrared. High quality sound ensures maximum intelligibility for the hearing and visually impaired. The IRH-280 headphones provide DC and AC magnetic fields to drive automatic switching telecoils in hearing aids. They also include a 3.5mm jack to drive neck loops or "direct audio" inputs on hearing aids and implants.

IRC-28C
Infrared Audio and Caption Emitter

The IRC-28C transmits two channels of audio (HI and VI-N) into an auditorium using infrared (IR) light. The IR reflects off the screen to cover the entire auditorium without leaking into other auditoriums. For ease of installation, the IRC-28C can be mounted in the projector window. For very large auditoriums, a dual panel can be mounted on the rear wall of the auditorium. Analog audio inputs can be driven by the sound processor ensuring that HI audio is present for all content (including trailers). Captions are retrieved from the digital cinema server using SMPTE protocols of Ethernet ensuring proper operation with all servers.

IRC-28C

IRH-280