MOVING IMAGE TECHNOLOGIES

CCR-100

IRC-28C/IRC-28C-N

IRH-280i/281i

F E A T U R E S

- Infra-red technology: eliminates adjacent room channel interference
- Two types of receivers: headphones and or seat-mounted caption display
- Headphones play film soundtrack or audio descriptive narration
- Volume controls on headphones for overall level or to blend soundtrack and narration
- Headphones provide DC and AC magnetic fields for hearing aid telecoils
- 3.5 mm jack for neck loops or inputs on hearing aids and implants

MiT provides a unified solution for all your accessibility requirements with an Infrared system designed to address the needs of hearing and visually impaired patrons. Our systems transmit hearing impaired (HI) audio, visually impairednarrative (VI-N), and closed captions into an auditorium using standard infrared (IR) technology.

IRH-280i/281i Headphones
The IRH-280i/281i headphones receive audio from the IRC panels over infrared. High quality sound ensures maximum intelligibility for the hearing and visually impaired. Two models are available: IRH-280i and IRH-281i. The IRH-280i headphones include a channel switch which allows the user to select to hear either the film soundtrack (HI) or descriptive narration (VI-N) through both earcups. The IRH-281i headphones have individual volume controls for each channel, allowing the user to mix HI and VI-N to both ears at the same time.

CCR-100 Closed Caption Display

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

Optics present a distant virtual image to the user so the caption and movie screen can be viewed without refocusing the eye. The optics also reduce visibility of the display to other patrons. An optional clamp mount is available for those seats that do not have a cupholder built into the arm seat.

IRC-28 / IRC-28C / 28C-N Emitter Panels

Using infra-red (IR) light, the IRC-28 emitter panel transmits two channels of audio (HI and VI-N), while the IRC-28C and IRC-28C-N transmit both audio and caption content. The IRC-28/28C panels distribute IR energy over a wide angle, enabling IR receivers to pick up signal both from behind (when the panel is mounted at the rear of the room) and from the front, reflected from the screen. The IRC-28C-N panel features a very narrow beam and coverage angle, focusing most of the IR energy to reflect from the screen – especially useful for rooms with obstructions or where fully-reclined seats may not easily receive IR energy coming from the rear of the room.

For ease of installation, the IRC-28C/28-C-N 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.

Emitter Panels

MIT ITEM #	MODEL	DESCRIPTION
A000901-001	UPC-28	KIT,IR EMITTER
A000901-002	UPC-28C	KIT,IR EMITTER W/ CLOSED CAPTION
A000901-003	UPC-28C-N	KIT,IR EMIITTER W/ CLOSED CAPTION, NARROW
A000901-101	IRC-28	IR EMITTER--PANEL ONLY
A000901-102	IRC-28C	IR EMITTER W/ CLOSED CAPTION--PANEL ONLY
A000901-103	IRC-28C-N	IR EMITTER,W/ CLOSED CAPTION,NARROW--PANEL ONLY
A000905-001		KIT,HW,ACCESSORY--UPC-28/28C
A000905-002		KIT,HW,ACCESSORY--UPC-28D/28CD
A000905-003		KIT,HW,ACCESSORY--UPC-28C2
A000906-001		KIT,ACCESSORY,SWIVEL WALL BRACKET

IR Caption Receivers

A000910-001	CCR-100	KIT,CC RCVR--TWISTLOK MOUNT
A000910-002	CCR-100C	KIT,CC RCVR--CLAMP MOUNT
A000910-003	CCR-100P	KIT,CC RCVR--PUCK MOUNT
A000910-004	CCR-100S	KIT,CC RCVR--SHORT TWISTLOK
A000910-005		KIT,CC RCVR--SHORT CLAMP
A000910-006		KIT,CC RCVR--SHORT PUCK

Headsets

A000920-001	IRH-280i	KIT,HEADSET,W/SWITCH
A000920-002	IRH-281i	KIT,HEADSET,W/VOLUME CONTROL

* Due to ongoing development, features and specifications subject to change without notice.