

# CCR-100

QSC

## User Manual

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CCR-100 Closed Caption Receiver



TD-001595-01



# EXPLANATION OF SYMBOLS

The term **“WARNING”** indicates instructions regarding personal safety. Failure to follow them may result in bodily injury or death.

The term **“CAUTION”** indicates instructions regarding possible damage to physical equipment. Failure to follow them may result in equipment damage to equipment that may not be covered under the warranty.

The term **“IMPORTANT”** indicates instructions or information that are vital to the successful completion of the procedure.

The term **“NOTE”** indicates additional useful information.



The lightning flash with arrowhead symbol in a triangle alerts the user to the presence of uninsulated dangerous voltage within the product’s enclosure that may constitute a risk of electric shock to humans.



The exclamation point within a triangle alerts the user to important safety, operating, and maintenance instructions in this manual.



## IMPORTANT SAFETY INSTRUCTIONS



1. Read these instructions and keep a copy for future reference.
2. Strictly follow and heed all instructions and warnings.
3. Do not use or submerge this device in or near water or liquids.
4. Clean the device only with a dry cloth. Do not use any aerosol spray, cleaner, disinfectant or fumigant on, near, or into it.
5. Do not block any ventilation opening. Use in accordance with the manufacturer’s instructions.
6. Do not use the device near any heat sources, such as radiators, heat registers, stoves, or other apparatus (including amplifiers).
7. Use caution with any attachments, accessories, mounts, or brackets that are not specified or approved by QSC, LLC.
8. Refer all service to qualified personnel. Service is required if the device has been damaged in any way, such as liquid spilling or objects falling into it, exposure to rain or moisture, failure to operate normally, or being dropped onto a floor or other hard surface.

## Maintenance and Repair

Advanced technology—e.g., the use of modern materials and powerful electronics—requires specially adapted maintenance and repair methods. To avoid subsequent damage to the equipment, personal injury, and/or creation of additional safety hazards, have all maintenance or repair work on the equipment performed only by a QSC authorized service station or an authorized QSC International Distributor. QSC is not responsible for any injury, harm, or related damages that arise from any failure of the customer, owner, or user of the equipment to facilitate those repairs.

## Warranty

For a copy of the QSC Limited Warranty, visit the QSC website at [www.qsc.com](http://www.qsc.com)

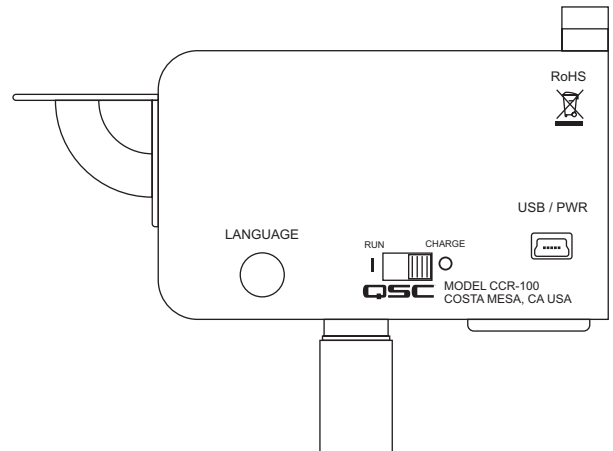
# Introduction

The CCR-100 is a personal closed caption display for use in movie theater auditoriums. It receives captions for as many as four languages from the QSC IRC-28C infrared transmitter panel.

## Operation

1. Move the slide switch to **RUN** to turn the CCR-100 on. A sign-on screen will appear.
2. When captioned content runs, the captions will appear on the display.
3. A red LED warning indicator below and to the left of the display screen would mean that the CCR-100 is not receiving captioning data. This will happen if the receiver is not in the auditorium where the IRC-28C panel is located or if the IRC-28C is idle and not transmitting caption data. *NOTE: The IRC-28C is typically configured to transmit only when it is receiving caption data from the digital cinema server (DCS).*
4. The CCR-100 will display any one of up to four separate user-selectable languages. The languages available depend on what is offered in the content through the DCS and has been configured for transmission in the IRC-28C.

Press the **LANGUAGE** button on the CCR-100 to scroll through the available languages and select the desired one. While the button is pressed, the display will say **Selected language 1, Selected language 2**, et al. Press and release the button until you reach the desired language.



## Batteries

Two AA NiMH rechargeable batteries are included with the CCR-100, along with a cable to connect the CCR-100 to a USB power supply for recharging. These batteries provide over 30 hours of continuous operation per full charge. A low battery warning will appear when the unit is turned on if less than four hours of operation remain.

The CCR-100 can also be used with two AA alkaline batteries which can also provide about 30 hours of operations but are not rechargeable.

## USB Jack

Use the USB jack to recharge the installed NiMH batteries. (Alkaline batteries are not rechargeable.) To recharge the batteries, turn off the CCR-100 and connect the CCR-100 to a USB port on a computer or power supply. To avoid damaging the USB jack, please use only the cable included with the CCR-100. A green LED above the USB jack will indicate that the batteries are charging and will go out when they are fully charged. NiMH batteries provide over 30 hours of continuous operation per full charge, and they should be recharged whenever the low battery warning appears as the receiver is turned on.

## FCC Statement



**NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.**

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.



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