

US DIGITAL DESIGNS

Room Remote 2



The US Digital Designs Room Remote 2 (RR 2) is an alerting and text information display used with the Phoenix G2 Station Alerting System. The RR2 uses a multi-touch LCD display for control and information display.

When an alert is received for the assigned unit the RR 2 will turn on the display and show the alerted units, incident details as received from the CAD system and a turnout timer. The RR 2 will also turn on the internal amplifier and the Speaker Light output.

Integrated 10W Amplifier

The RR2 has an integrated 10 watt amplifier with 8 ohm and 70 volt outputs. The amplifier has a remotely adjustable level control and is integrated with the LED lighting output.

Line-level Output

A line-level output can be used to drive a customer-supplied audio amplifier in place of directly connected speakers.

Speaker Light Output

The Speaker Light output provides 48VDC output when the RR 2 is alerted.

Auxiliary Inputs and Outputs

The RR 2 has a normally-open auxiliary relay output and a dry contact digital input that can be used with the IO Rules function in the station controller.

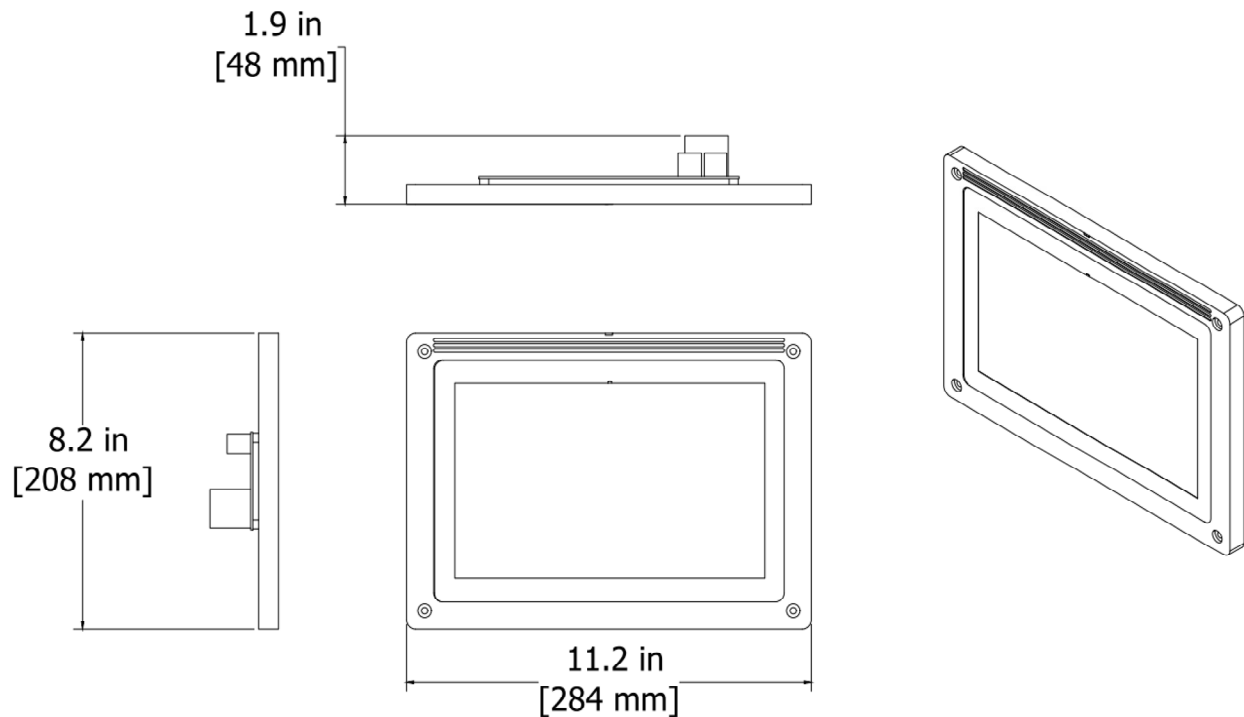
Indicators and Controls

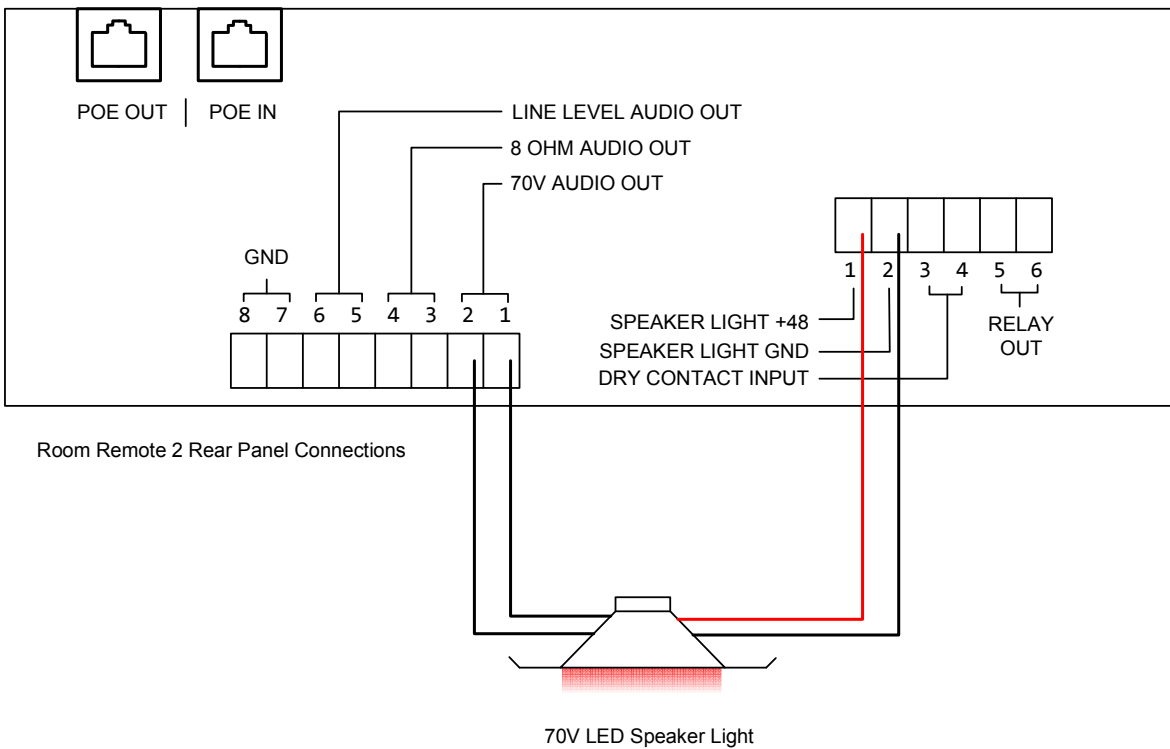
Select Monitor On or Off to locally control the speakers connected to the RR 2. Monitor Off mutes the speaker until an alert is received for an assigned unit. The local volume can be adjusted with the speaker slider.

Touch the Unit Control button to select the assigned units that will cause the RR 2 to be alerted.

A backlight timer turns off the backlight after a preset time and an alert or a finger touch will turn on the backlight. The backlight brightness can be adjusted using the display slider.

The Show IP Address label can be touched to display the RR 2's assigned IP address.





Rough-in

Install 4-gang steel electrical box into the wall. Run 3/4" conduit from box to accessible ceiling space for CAT6 network cable, speaker cable and optional accessory cabling.

Cabling and Termination

Run CAT6 cable from RR 2 location to ATX Station Controller or Expansion Cabinet location; terminate with RJ45 plug. Run 18-4 speaker light cable from RR 2 location to speaker.

POE Connection

The POE In jack is used to connect a RR 2 to an ATX, Expansion Cabinet, or IP Mixer using standard CAT6 network cabling. Ensure that the cable run is fully tested and qualified before connecting the equipment on either end. The POE Out jack can be used to connect a second RR2 to the ATX or Expansion Cabinet. This is intended ONLY for system expansion and systems should not be initially designed to use this feature.

Speaker and Speaker Light Connection

The 70V and 8 Ohm Audio Out connections are used to connect speakers to the RR 2; use either the 70V or 8 Ohm connection, not both. The Speaker Light connections provide switched 48VDC to USDD-provided LED Speaker Lights.

Station Controller Configuration

The RR 2 device will be automatically discovered by the Station Controller once it is connected to the Controller through the network cable. In the SC Remote configuration web application select the Peripherals page to see all connected devices. Give the RR2 a name then select the Station Area Settings page. Add the RR2 to the desired Station Areas (create new Station Areas as necessary). See the full ATX Station Controller installation and configuration guide for the complete information on configuring the system.