HCA-RA Wiring Instruction

1.1   Remote Annunciator (Model HCA-RA)
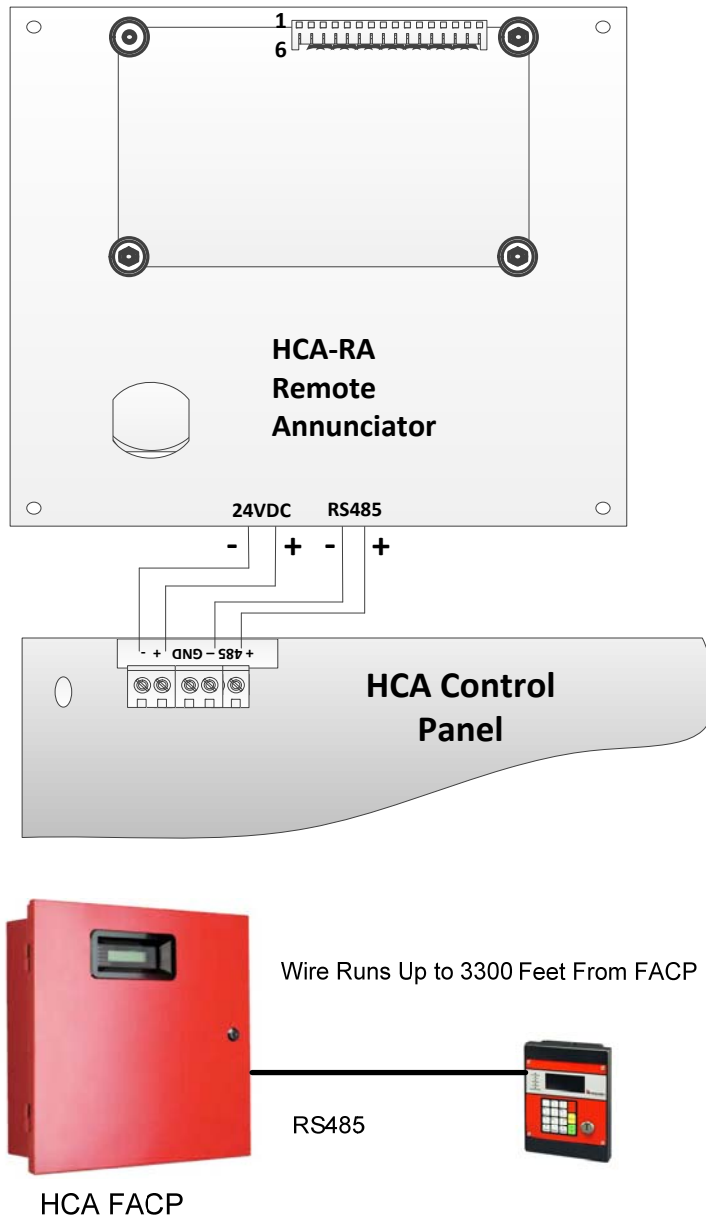
1.1.1   HCA-RA Installation

Figure 1 HCA-RA connections to the HCA panel.

It is necessary to enable the remote annunciator in the panel programming in order for the annunciator to function as intended. See programming section 4.11 of the HCA Panel Installation Manual for instructions in adding a remote annunciator to the HCA panel.

1.1.2   HCA-RA Specifications

Electrical Specifications
Operating Voltage: 16-26 VDC
Standby Current: 12 mA max
Alarm Current: 30 mA
Wiring Distance: 3,300ft max from FACP (using 18 gauge or larger diameter wire)
Maximum Annunciators Per System: 1

Environmental Specifications
Operating Temperature: 32ºF –120ºF (0ºC – 49ºC)
Humidity: 10% – 93% non-condensing

Approvals
ETL Listed;

Compatibility
Compatible with HCA series fire alarm panels.

Physical Dimensions
160mm x 160mm x 44 mm (6.3in x 6.3in x 1.75in)

Features
• 64-character backlit LCD display (4 lines with 16 characters on each line)
• Membrane Keypad
• Accepts user codes or fire fighter's key
• Larger keypad buttons for system reset and silence
• RS-485 interface to panel
• On-board Piezo sounder audibly indicates alarms, troubles, and supervisories.
• Five status LEDs for alarm, supervisory, trouble, silence and AC power conditions
• Wiring lengths up to 3300 ft. from the FACP
• ETL listed, complies with NFPA 72