



Dialog QS1000 Allegro Remote Station Installation Instructions

Product summary

The Dialog™ QS1000 Allegro Remote Station (60-982-95R) is a wireless wall-mount remote station designed to provide remote security system control and status checking. The Remote Station allows the user to perform the following functions:

- Arming and Disarming
- Activating Police, Auxiliary and Fire Panic Alarms
- Checking of System Status

The remote station has the following features:

- One Hardwire Input
- Built-in Siren
- Wall Tamper
- Custom Liquid Crystal Display (LCD)
- Armed and Ready LEDs

Programming

The following steps describe the general process for programming (learning) the remote station into panel memory. Refer to the specific panel *Installation Instructions* or *Reference Manual* for complete programming details.

To program the remote station into the system:

1. Enter the appropriate code to access the panel menus.
2. Enter the panel Learn/Add Sensors/Devices menu.
3. Change the sensor number if necessary.
4. Press and hold both Police Panic buttons on the remote station.

To set the volume of status beeps from the remote station:

1. Press and hold the 8 button. The remote station will beep every 2 seconds.
2. Release the button when the desired volume is reached.

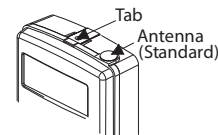
Mounting

Use the following procedure to mount remote station to the wall or wall studs.

Caution: You must be free of static electricity before handling circuit boards. Wear a grounding strap or touch a bare metal surface to discharge static electricity.

To mount the remote station:

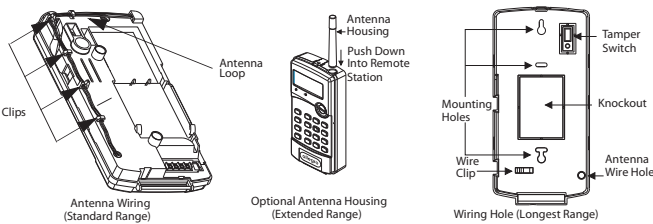
Figure 1. Tab location



1. Remove the remote station from the back mounting plate by lifting the tab located on the top and pulling back.
2. Remove the wiring knockout.
Note: The wiring knockout is approximately the same width as a wall stud. If mounting the remote station to a wall stud be sure you have enough room to feed the wires through the knockout.
3. Feed all device wires through the knockout and place the back mounting plate in position against the wall.
4. Level the back mounting plate and mark the top and bottom mounting holes.
5. Install anchors where studs are not present.

6. Partially insert a screw into the top mounting hole location then hang the back mounting plate on the screw.
7. Recheck for level, insert the lower screw, and tighten both mounting screws.
8. Install the antenna. There are three antenna options to choose from:
 - Standard Range- Leave the antenna as is.
 - Extended Range - Attach the optional antenna housing (included in the accessory pack) to the remote station.
 - a. Push the antenna housing down into the top right hole of the remote station until it snaps into place (see [Figure 2](#)).
 - b. Remove the antenna loop from the last clip on the remote station cabinet and insert it into the antenna housing.
 - Longest Range - Hang the antenna in the wall.
 - a. When you mark the back mounting plate's two mounting holes, also mark where the antenna hole is (see [Figure 2](#) for antenna wire hole location).
 - b. Where the antenna hole was marked, drill a hole into the wall.
 - c. Remove the antenna loop (see [Figure 2](#)) from the remote station cabinet clips and feed through the antenna hole and down into the wall

Figure 2. Antenna configurations

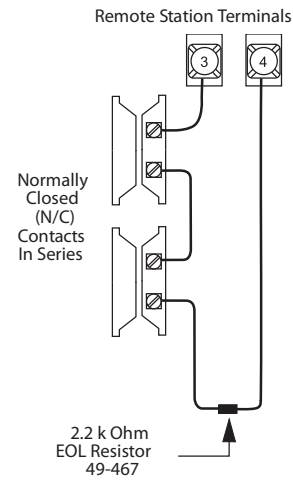


9. Place the remote station cabinet into the back mounting plate and snap into place.

Connecting Detection Devices to the remote station

The remote station has one hardwire input. The input is supervised using a 2.2 k Ohm, end-of-line (EOL) resistor (included with the remote station) at the last device on the circuit. It accepts normally closed (N/C) detection devices. [Figure 3](#) shows the typical wiring for a N/C door/window intrusion detection.

Figure 3. Wiring N/C intrusion detection devices



The maximum loop resistance for each zone input is 300 ohms, plus the 2.2 k Ohm EOL resistor.

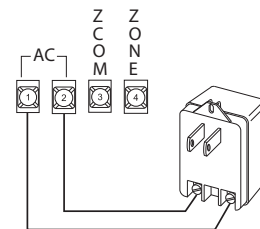
IMPORTANT: The 2.2 kOhm EOL resistor must be installed across terminal 3 and 4 even when no detection device is connected. If this is not done the remote station will indicate the zone is open.

Connecting the AC Power Transformer

Caution: Do not plug in the power transformer at this time. The remote station must be powered up using the sequence of steps described in [Powering up the remote station](#).

The remote station must be powered by a UL approved transformer. Connect the power transformer to the remote station as shown in [Figure 4](#).

Figure 4. Connecting a power transformer

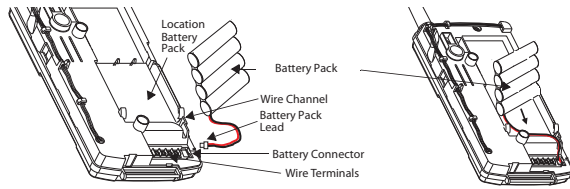


Connecting the Backup Battery Pack

The remote station will receive its primary power from an AC class II transformer. In the event of an AC power failure, the remote station will be powered by a battery pack containing four rechargeable NiCd batteries.

Note: In Canada, use the AC power transformer without a securing tab, (part no. 22-117-CN).

Figure 5. Connecting the battery pack



To connect the backup battery pack:

1. Remove the remote station housing from the back mounting plate by lifting the tab located on the top of the remote station and pulling back.
2. Slide the battery pack into the space provided on the back of the remote station (Figure 5).

Note: Be sure to run the battery pack wires below the battery and through the wire channel.

3. Plug the battery pack lead into the slot provided next to the wire terminals (Figure 5).
4. Replace the remote station housing on the back mounting plate and snap into place.

Note: Verify the front door is in place before replacing the remote station on the mounting plate. It is not possible to attach the door after the remote station is secured to the mounting plate.

Powering up the remote station

After connecting and wiring all devices to the remote station, you are ready to apply AC power to the remote station.

To power up the remote station:

Plug the transformer into an outlet that is not controlled by a switch or ground fault circuit interrupt (GFCI). Be sure to screw the top of the transformer onto the outlet so that it doesn't fall out of the outlet.

WARNING: Be careful when securing the transformer to an outlet with a metal cover. You could receive a serious shock if the metal cover drops on to the prongs of the plug while you are securing the transformer and cover to the outlet box. If the remote station does not display anything, immediately unplug the transformer and disconnect backup battery.

Specifications

Model no.	60-982-95R
Compatibility	Allegro™ Software Version 1.3 and later
RF frequency	319.5 + or - 140 kHz
Power source	8 or 9 VAC, minimum 300 mA (Must be a Interlogix recommended transformer).
Battery type	4.8 VDC rechargeable NiCd battery pack
Typical standby current	
Operating temp range	32° to 122° F (0° to 49° C)
Storage temp range	-30° to 140° F (-34° to 60° C)
Relative humidity	90% non-condensing
Dimensions (in.)	7.5 x 6.75 x 1.5 (L x W x D)
Weight (lb)	1.0
Installation	Wall mount
Nominal range	500 Feet, (150 m) open-air receiving range

Regulatory information

Manufacturer	UTC Fire & Security Americas Corporation, Inc. 1275 Red Fox Rd., Arden Hills, MN 55112-6943, USA
FCC compliance	This device complies with FCC Rules Part 15. Operation is subject to the following two conditions. This device may not cause harmful interference. This device must accept any interference that may be received, including interference that may cause undesired operation. Changes or modifications not expressly approved by Interlogix can void the user's authority to operate the equipment. FCC ID: B4Z-785B-ALTP

Contact information

For contact information, see www.utcfireandsecurity.com or www.interlogix.com.

For technical support, toll-free: 888.437.3287 in the US including Alaska, Hawaii, Puerto Rico, and Canada. Outside the toll-free area, contact your dealer.

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