

Configuring Multiple Cradles/Remotes with RFR-E5

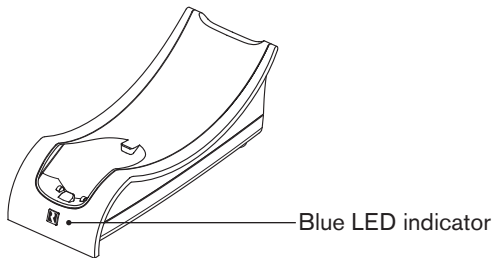
The ACA-E5 controller supports multiple cradles and RFR-E5 remotes. Supported systems can have up to 8 cradles and up to 8 remote controls.

For correct system communication and RFR-E5 operation, it is important to properly configure all cradles for the system. This is completed BEFORE configuring any of the RFR-E5 remotes.

NOTE: Cradles are programmed and powered on one at a time, starting with the “master” cradle. Additional cradles are designated as “secondary.”

Configuring the master cradle

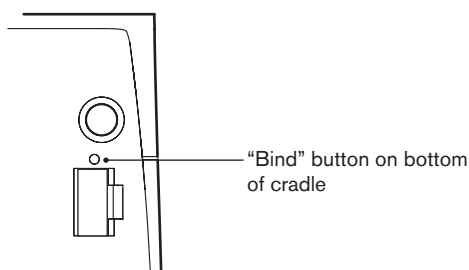
1. Do not power on any cradles.
2. Plug one of the cradles into the same router as the ACA-E5 controller, and then power on the cradle.
3. The LED on the cradle will flash once every second. This indicates that the cradle is attempting to find the ACA-E5.
4. Once the LED turns solid blue, the cradle has found the controller. This cradle is the “master.”



Configuring the secondary cradle(s)

Each secondary cradle must join the master cradle's RF Network one at a time, which is detailed in the following steps:

1. Connect the Ethernet of one of the secondary cradles to the same Ethernet Router as the ACA-E5, and power the cradle on.
2. You will see the LED blink once per second on the secondary cradle until the controller is found.
3. Once found, the LED on the secondary cradle will start to blink twice, pause for 1 second, blink twice, pause for 1 second, etc. This indicates that the secondary cradle is attempting to find the master cradle's RF Network.
4. On the master cradle, hit the “Bind” button located on the bottom. The master cradle's LED will start to flash once per second, which indicates “Joining” mode has been enabled for 30 seconds.



Configuring the secondary cradle(s) (continued)

5. The secondary cradle should find the master cradle's RF network, and its LED should turn solid blue. The secondary has successfully joined the master cradle's Network.
6. The secondary cradle is now configured; wait for the master cradle's LED to revert back to solid blue. This indicates that the master is no longer in “Joining” mode. Repeat steps 1-5 for each additional secondary cradle.

NOTE: Do not reboot the ACA-E5 during the process of adding multiple cradles. This could cause more than one cradle to become the “master.” If, for some reason, the ACA-E5 is restarted, make sure that the existing “master” cradle is the first one to connect to the ACA-E5. This will require powering off all other cradles to be sure they do not connect first.

Joining RFR-E5 remotes to cradles

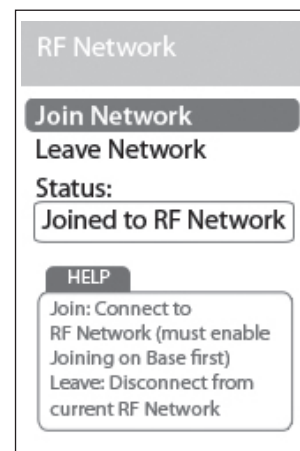
When the master cradle is first connected, it creates the RF Network that the other cradles/RFR-E5 remotes will use to communicate with each other. After each cradle is configured, RFR-E5's may be added to the RF Network.

Having multiple cradles is particularly useful for large installations, where the RF Network needs to expand to other areas of the house.

This procedure requires that the remote and the cradle be in close proximity to establish an association. The remote will still attempt to connect to the first cradle it receives a signal from (it will roam to another cradle), if one of the room's cradles powers off, or if the remote is moved past that cradle's range.

NOTE: Each cradle can be joined with a maximum of 3 remotes.

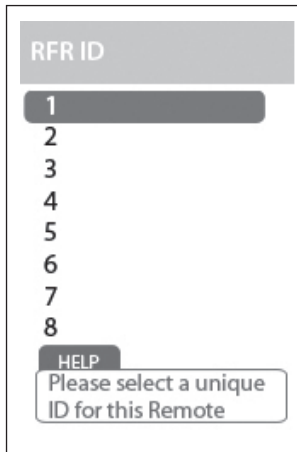
1. Power on the factory default RFR-E5 remote. You should see the “RF Network” screen. If the remote is not at factory default and you see the “Out Of Range” screen, press and hold the “R” button to reach the debug options: RF Network, RFR ID, and Factory Init. Choose “RF Network” and proceed.
2. Place the remote next to the intended cradle, and press the “Bind” button located on the bottom of the cradle. It enters “Joining” mode and blinks once a second for 30 seconds.
3. On the RFR-E5, press “Join Network.”



(Continued on next page)

Configuring Multiple Cradles/Remotes with RFR-E5 (continued)

- After a moment, you should see the RFR ID Screen. Assign an ID to the remote. Additional remotes should be numbered in a sequential manner; RFR 1 = ID 1, RFR 2 = ID 2, etc. Each remote must have a unique ID.



- You will next be asked to choose a Default Zone. This will be the primary room that you want the RFR-E5 to control.



- Repeat steps 1 through 5 for each RFR-E5 you'd like added to the system.