



SpotCell[®] 100 Series Quick Installation Guide

www.spotwave.com

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To install the SpotCell® system:

If required, more detailed information on installing a SpotCell system can be found in the User Manual which is available for downloading at

<http://www.spotwave.com/support/documentation>.

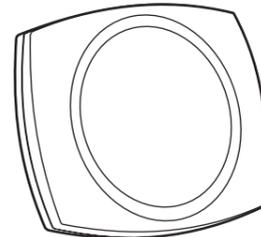
WARNING

For your safety, beware of power lines and ensure that appropriate safety measures are maintained at all times during the installation of your SpotCell equipment. Contact with high-voltage power lines could result in death or serious injury.

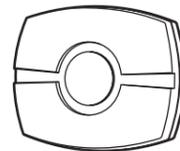
1. Parts List

- Donor Unit (DU)
- Cable (80'/25 m)
- Mounting kit
- Coverage Unit (CU)
- Power supply

DU
(outward-facing unit)



CU
(indoor unit)

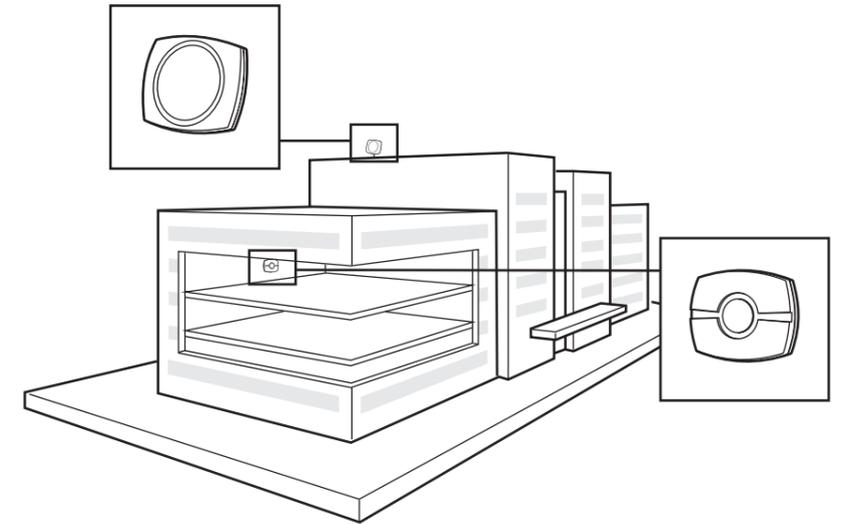


2. Location

The DU can be mounted anywhere your cell phone works. This may be on a rooftop (typical rural set-up), on the side of a building, or inside a building (typical downtown set-up). The CU will be mounted inside the building where your cell phone does not work. (The illustration at the right depicts a typical installation.)

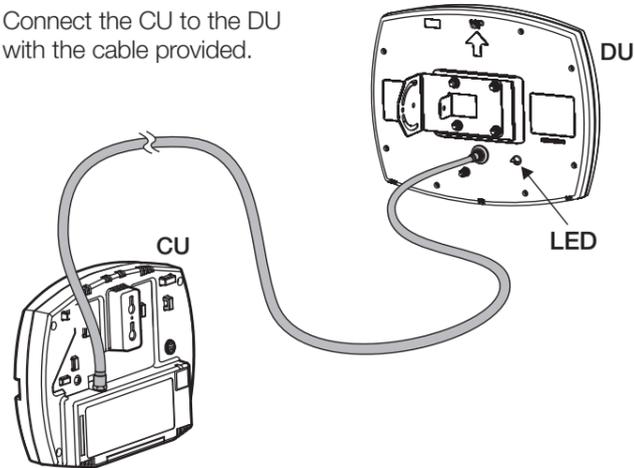
To start the installation, place the DU and CU in the general areas where they are to be located. Do not physically mount them at this time.

If the DU is mounted indoors, maximum separation between the DU and CU, and back-to-back positioning will optimize performance.



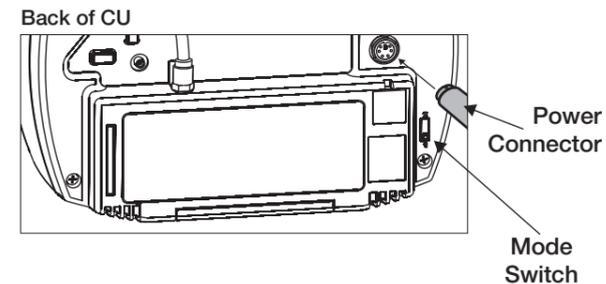
3. Connect CU to DU

Connect the CU to the DU with the cable provided.



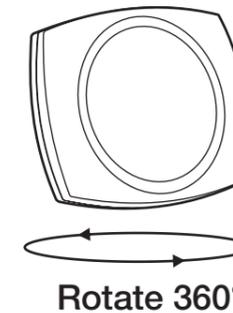
4. Set Mode & Connect Power

Set the mode switch, located to the right of the label on the CU, to **1** (install). Connect the power supply to the CU, and then plug the adapter into an AC outlet.



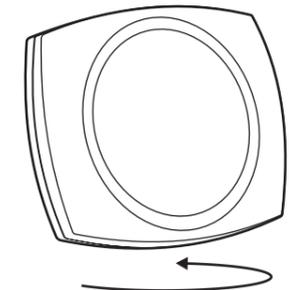
5. Align DU - first rotation

The DU should be mounted in an area where your cell phone works best. In this location, rotate the DU in a complete circle. The LED on the back of the DU will change color (red, yellow, or green) during the rotation.



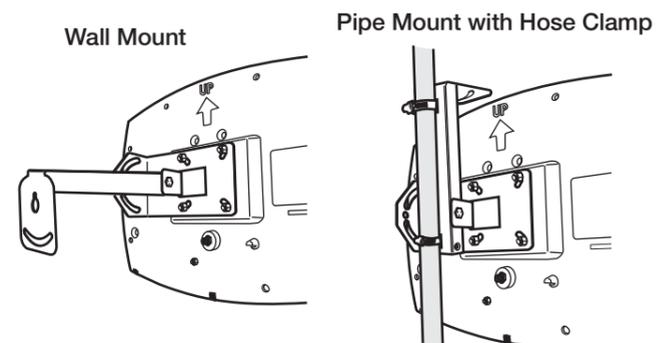
6. Align DU - final rotation

Begin rotating the DU again. When the LED turns green, stop the rotation. This is the direction the DU must face when mounted.



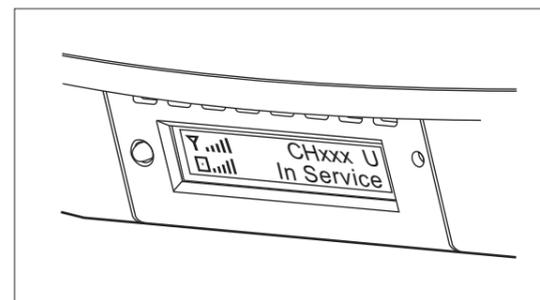
7. Mount DU

Now mount the DU. Typical installations are pictured below. Make sure the DU is facing in the same direction where the LED turned green in step 6.



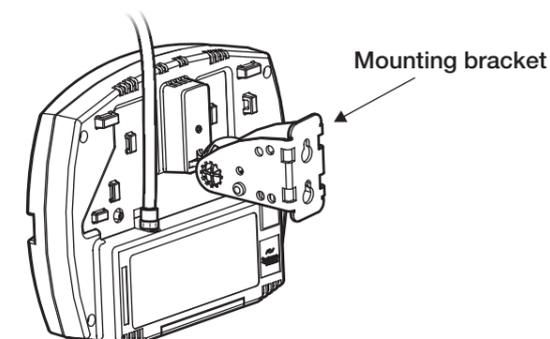
8. Set CU to Active

Set the mode switch on the CU to **2** (active). Hold the CU in the location to be mounted. The LCD on the bottom of the CU indicates coverage (▣) by the number of bars; more bars indicate better coverage.



9. Mount CU

Mount the CU from a wall or ceiling, close to the center of the area requiring coverage.



10. Final Checklist

1. Follow local code requirements for properly grounding the system.

2. If the DU is mounted outdoors, ensure that there is a drip loop on the cable connecting to the DU, on the cables connecting to both sides of the ground block, and where the cable enters the building.

3. Firmly affix the cable to the building where it runs between the DU and CU.

