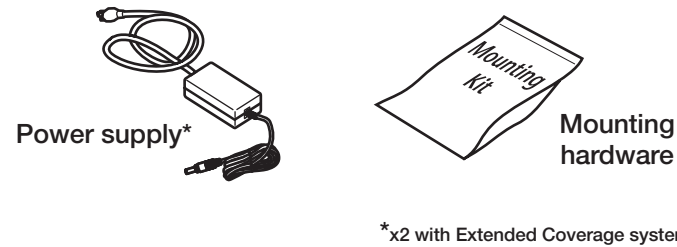
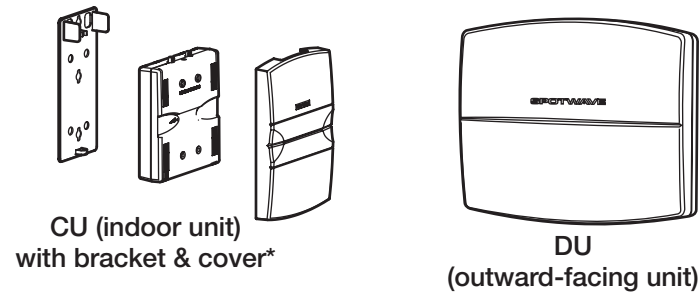


SpotCell® 2500Xe Quick Installation Guide

780-00030-01-02

Parts List

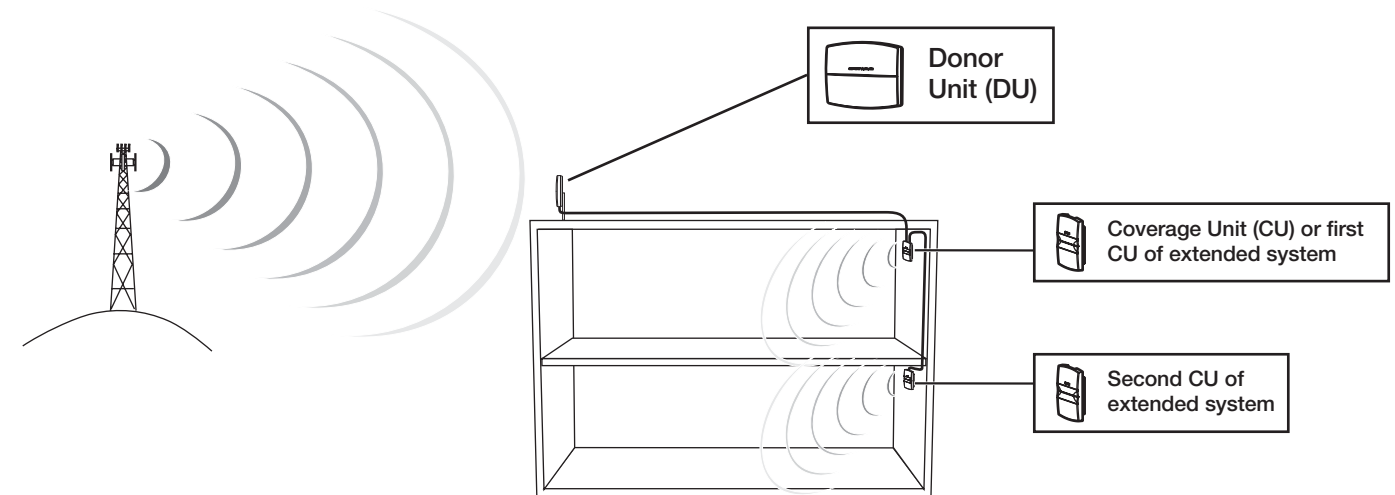


WARNING For your safety, beware of power lines and ensure that appropriate safety measures are maintained at all times during the installation of your SpotCell 2500Xe equipment. Contact with high-voltage power lines could result in serious injury or death.

1. Location

The Donor Unit (DU) should be located where your cell phone shows the strongest signal (number of bars). This may be on a rooftop, on the side of a building, or inside¹ a building. The Coverage Units (CU) will be mounted inside the building near the area where your cell phone does not work.

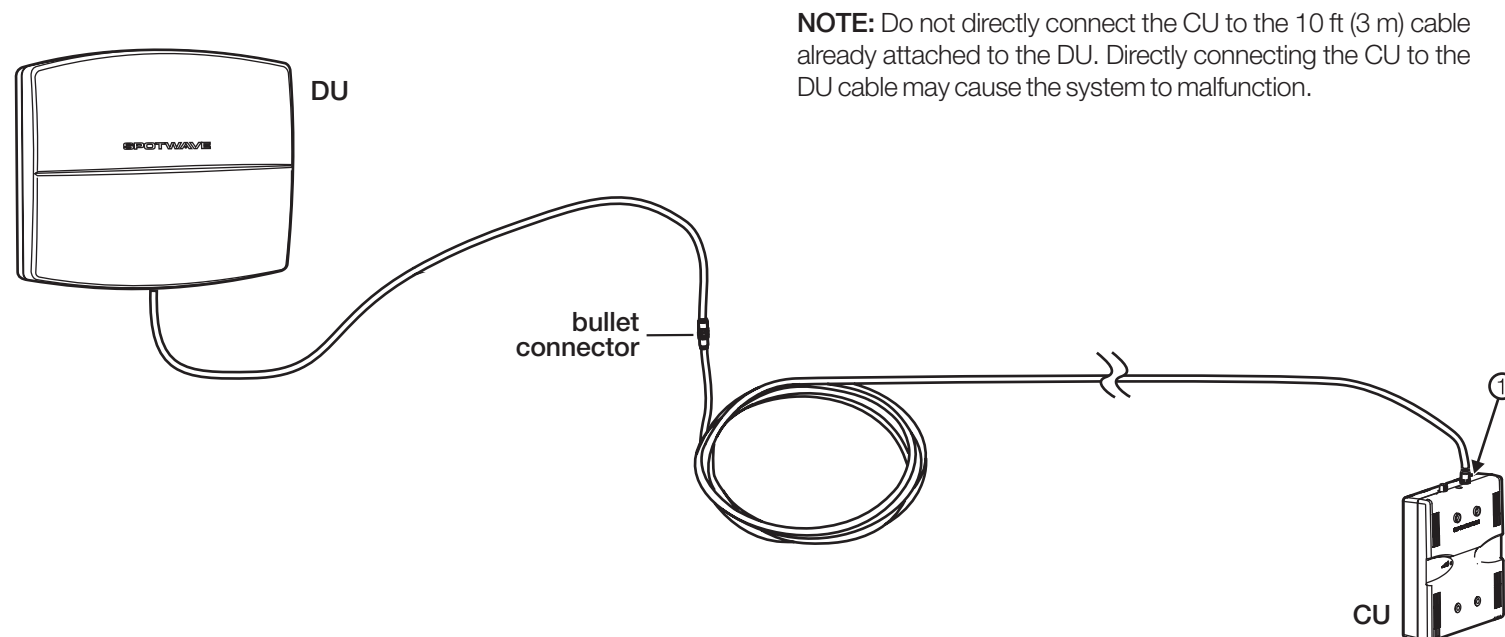
To start the installation, remove the angle mounting bracket from the back of the DU and place the DU in the general area where it is to be located. Do not physically mount the DU at this time.



¹ If the DU is mounted indoors, maximum separation between the DU and CU, and back-to-back positioning of the CU behind the DU will optimize the system performance.

2. Connect DU to CU

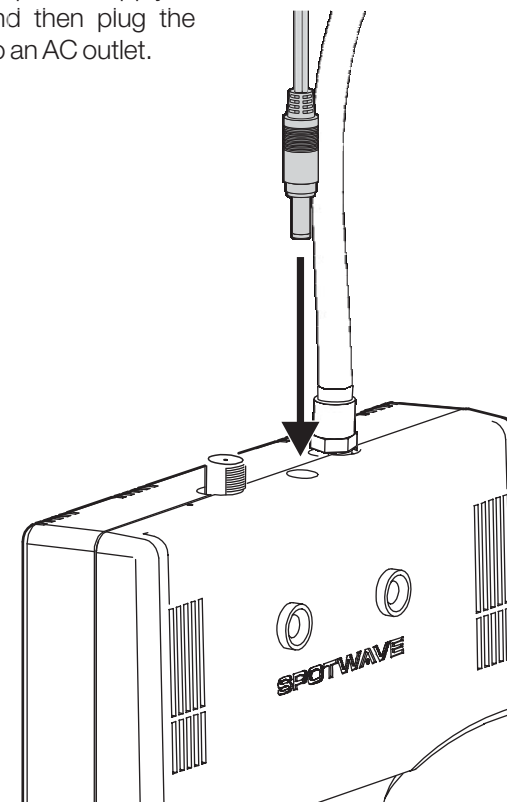
Temporarily connect the DU to the port labeled ① on the top of the CU (first CU of the extended system) with copper core² coax cable.



NOTE: Do not directly connect the CU to the 10 ft (3 m) cable already attached to the DU. Directly connecting the CU to the DU cable may cause the system to malfunction.

3. Connect power to CU

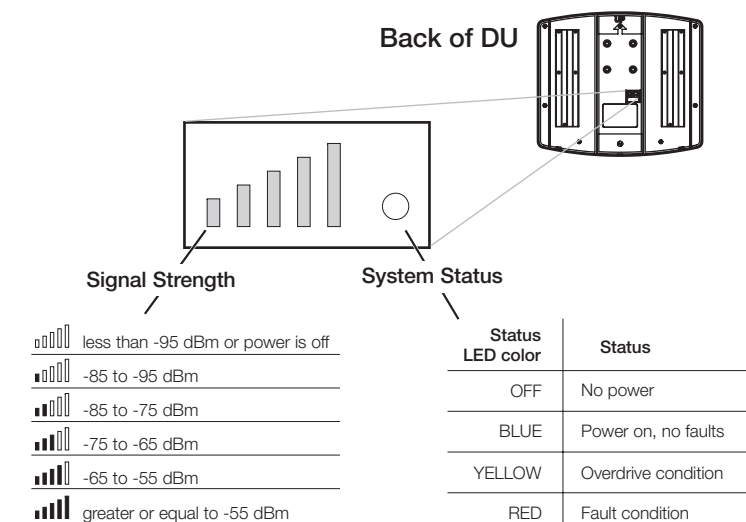
Connect the power supply to the CU, and then plug the adapter into an AC outlet.



4. DU status & signal strength

The status LED will be red or yellow when the system is first powered up.

Once the startup initialization is complete (which may take up to 1 minute) the Status LED should turn blue and the Signal Strength indicator should show between 0 and 5 bars.

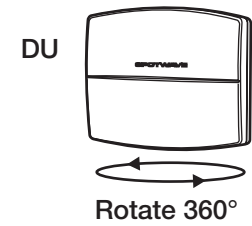


Refer to the *SpotCell 2500Xe User Manual* for more information on the status LED and signal strength bars on the Donor Unit.

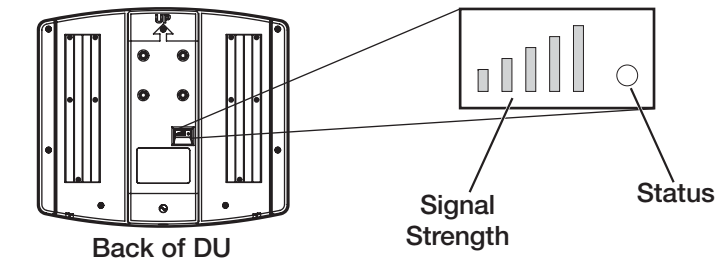
² Copper core coaxial cable can be ordered directly from Spotwave Wireless.

5. Align DU

The DU should be mounted in an area where your cell phone works best. In this location, slowly rotate the DU in a complete circle.



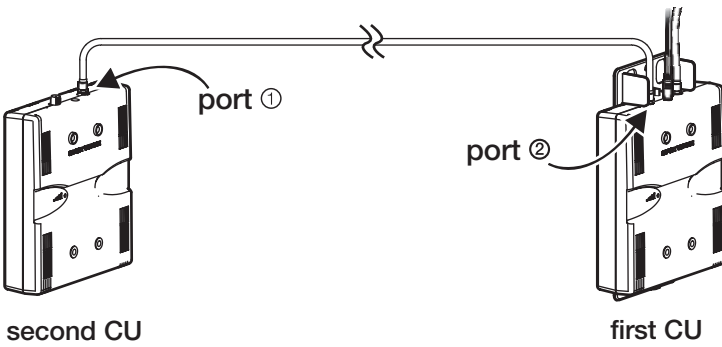
The strength of the received signal is proportional to the number of bars on the LED indicator at the back of the DU.



The DU should be mounted facing in the direction where the LED indicator shows the greatest numbers of bars and the Status LED is blue (no faults).

9. Position & mount second CU

Place the second CU in the area needing extended coverage, but do not physically mount it at this time. Use copper core coax cable to temporarily connect port ① on the second CU to port ② on the first CU.



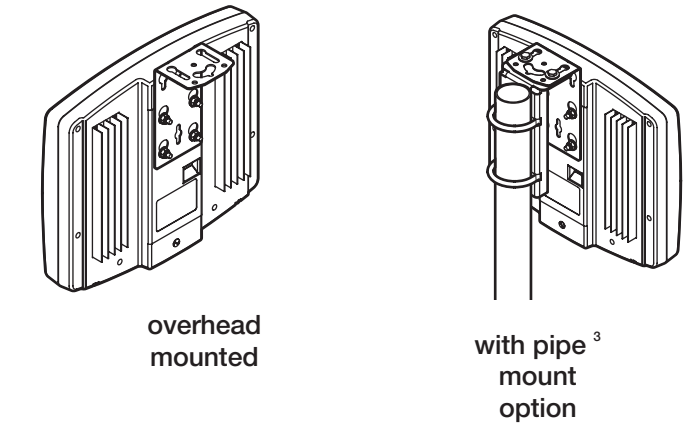
Connect power to the second CU and find a location for the unit (as shown in **step 7**) that displays the strongest level of coverage.

Repeat **step 8** for mounting the second CU.

6. Mount DU

Where the DU is to be located, fasten the mounting bracket to the surface in such a way that when the DU is attached, it can face in the same direction where the LED indicator showed the strongest signal in step 4.

Typical bracket/DU arrangements are pictured below.

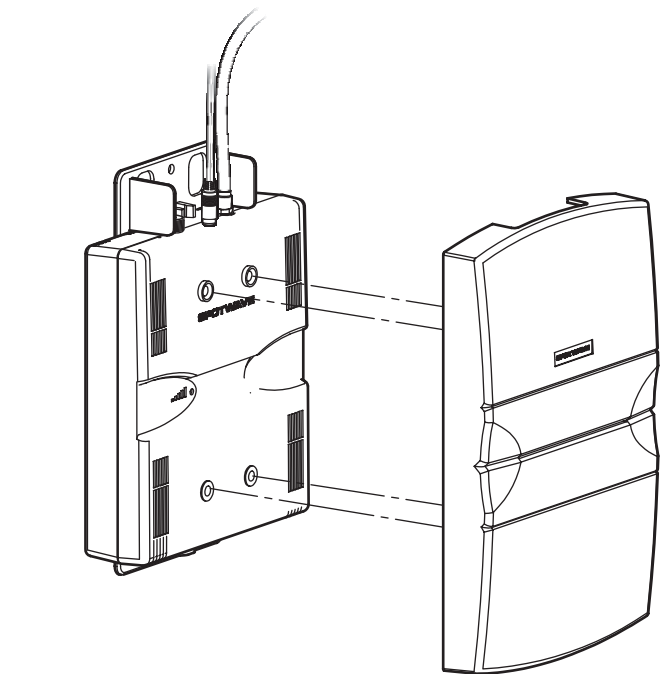


Fasten the DU to the bracket and verify that the signal strength (number of bars) is the same as observed in step 4.

³ A second bracket from the optional Outdoor Mounting kit is required to fasten the DU to a pipe. Other optional installation kits available from Spotwave are listed in the User Manual.

10. Fit cover onto the CU

Fit the cover onto the first and second CU (if present).



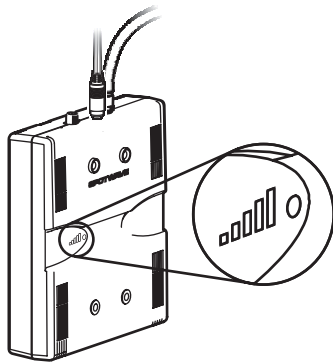
7. Position CU

Place the CU in the area needing coverage, but do not physically mount it at this time.

If not still connected, use the copper core coax cable to temporarily re-connect the DU to port ① on the CU and re-connect the power to the CU.

The size of the coverage area is indicated by the number of bars on the LED indicator on the CU. Ideally, the display on the CU will show 5 bars of coverage. If it is not showing 5 bars, move the CU to other locations and check the display.

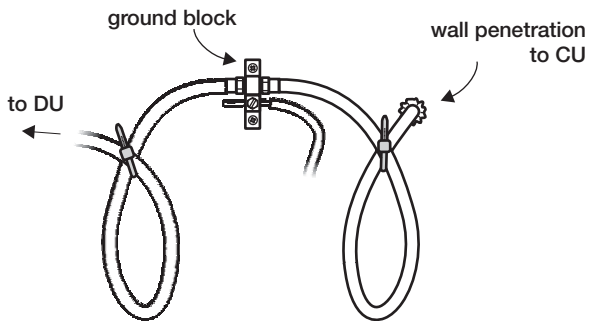
The location that showed the strongest level of coverage (greatest number of bars) is where the Coverage Unit should be mounted.



Once the CU is positioned for optimal coverage, permanently run the copper core coaxial cable from the DU to the CU location.

11. 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 in the coax cable on both sides of the ground block, and where the cable enters the building.

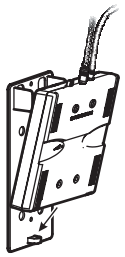


If required, more detailed information on installing a SpotCell system can be found in the User Manual which is also available for downloading at

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

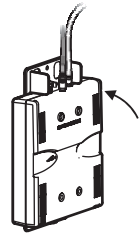
8. Mount CU

Where the CU showed the strongest level of coverage in step 7, either fasten the CU mounting bracket to a vertical⁴ surface or follow the instructions that were included with the optional CU installation kit.



Position the bottom of the CU into the hole on the mounting bracket.

Push the top of the CU onto the mounting bracket. You should feel the CU snap securely into place.



If you are installing a 25k square foot system (only one CU) then skip step 9 and go to step 10.

⁴ The CU is designed to be mounted in a vertical orientation. Do not mount the CU horizontally.

Spotwave Technical Support

The SpotCell® serial number must be available to authorize technical support and/or to establish a return authorization for defective units. The serial number is located on the back of the Coverage Unit (CU) and Donor Unit (DU) as well as on the box in which they were delivered. To contact support by telephone, call your local Spotwave vendor, or if you are unable to reach your vendor, contact Spotwave Wireless at 1-866-704-9750.

Additional support information may be obtained by accessing the Spotwave Wireless Inc. website at www.spotwave.com.

www.spotwave.com

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Printed in Canada

780-00030-01-02