

Spectralink 6000 Portfolio

Outdoor Base Station

Installation Guide

For Spectralink 6000 System

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Warranty

The *Product Warranty and Software License and Warranty* and other support documents are available at <http://support.spectralink.com>.

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Contents

Chapter 1: About this Guide	4
Spectralink Corporation Model Numbers	4
Product Support	4
Spectralink References	4
<i>Specific Documents</i>	5
Chapter 2: Installing Flush Against a Wall or Hard Ceiling	6
<i>Items provided</i>	6
<i>Items needed</i>	6
How to Install	6
Chapter 3: Installing on an I-Beam	8
<i>Items provided</i>	8
<i>Items needed</i>	8
How to Install	8
Chapter 4: Installing on a Light Pole or Electrical Pole	10
<i>Items provided</i>	10
<i>Items needed</i>	10
How to Install	10

Chapter 1: About this Guide

The Outdoor Base Station is designed to withstand environmental hazards such as rain and excessive heat and cold. The outdoor enclosure is mounted into position and the Base Station is then installed within it. The entire unit is then referred to as an Outdoor Base Station.

This document covers the installation of the Outdoor Base Station in a variety of situations. It supplements the installation documentation for the Spectralink 6000 System using either the Spectralink 6300 MCU or the Spectralink 6100 MCU.

Spectralink Corporation Model Numbers

This document covers the following registered model numbers:

RCO400, RCO410, RHO400

Product Support

Spectralink wants you to have a successful installation. If you have questions please contact the Customer Support Hotline at 1-800-775-5330.

The hotline is open Monday through Friday, 6 a.m. to 6 p.m. Mountain time.

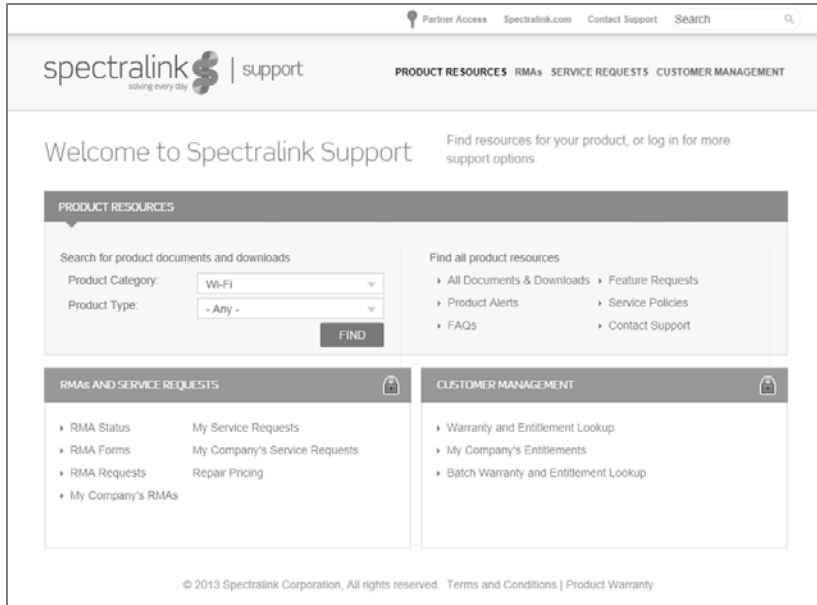
For Technical Support: <mailto:technicalsupport@spectralink.com>

For Knowledge Base: <http://support.spectralink.com>

For Return Material Authorization: <mailto:nalarna@spectralink.com>

Spectralink References

All Spectralink documents are available at <http://support.spectralink.com>.



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Select the Product Category and Product Type from the dropdown lists and then select the product from the next page. All resources for that particular product are displayed by default under the All tab. Documents, downloads and other resources are sorted by the date they were created so the most recently created resource is at the top of the list. You can further sort the list by the tabs across the top of the list to find exactly what you are looking for. Click the title to open the link.

Specific Documents

Spectralink 6100 MCU: Installation and Operation

Spectralink 6300 MCU: Installation

Chapter 2: Installing Flush Against a Wall or Hard Ceiling

Items provided

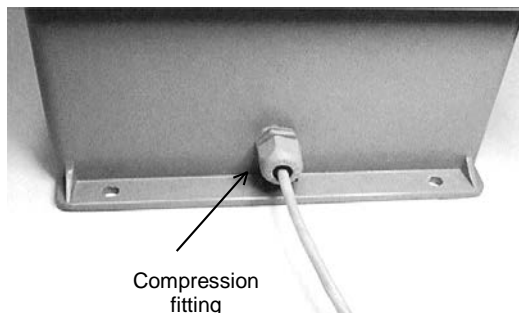
- Outdoor enclosure
- Base Station

Items needed

- 4 anchor bolts (length and type depends on wall or ceiling material Base Station is being mounted to)

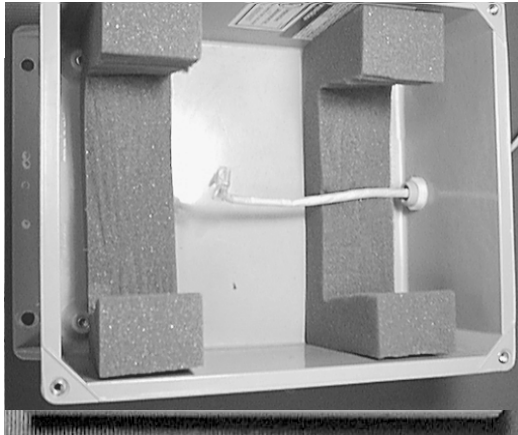
How to Install

- 1** Mark and drill four holes into the wall or ceiling, using the mounting flanges of the outdoor enclosure as a guide.
- 2** Mount outdoor enclosure to wall or ceiling using anchor bolts. The outdoor enclosure can be mounted with the compression fitting in any direction.



- 3** Slide the Base Station cable through the compression fitting and tighten fitting.

- 4 Crimp an RJ45 onto the Base Station cable using the same wiring guide as the indoor Base Station.



- 5 Plug the RJ45 into the RJ48C connector.
- 6 Place the Base Station into the enclosure with the side of the Base Station with the mounting hole facing the wall or ceiling. The Base Station should fit tightly into the foam blocks.
- 7 Screw the outdoor enclosure lid back onto the enclosure.



Chapter 3: Installing on an I-Beam

Items provided

- Outdoor enclosure
- Base Station

Items needed

- 4 – “Caddy” or “B-Line” 3/8” Beam Clamps
- 4 – 1/2” long 1/4” x 20 bolts
- 4 – 2” long 1/4” x 20 bolts
- 4 – 1/4” x 20 nuts

How to Install

- 1** Attach a beam clamp to the center of the top and bottom flanges on the outdoor enclosure.
- 2** Attach a second beam clamp to each of the beam clamps on the enclosure using a 1/2” long 1/4” x 20 bolt and a nut. (See figure below.)
- 3** Attach the outdoor enclosure to I-beam using the beam clamps attached in step 2.



- 4** See figures in Chapter 1 for pictorial data for the remaining steps:
- 5** Slide the Base Station cable through the compression fitting and tighten the fitting.
- 6** Crimp on RJ45 onto the Base Station cable using the same wiring guide as the indoor Base Station.
- 7** Plug the RJ45 into the RJ48C connector.
- 8** Place the Base Station into the enclosure with the side of the Base Station with the mounting hole facing the I-beam. The Base Station should fit tightly between the foam blocks.
- 9** Screw the outdoor enclosure lid back onto the enclosure.

Chapter 4: Installing on a Light Pole or Electrical Pole

Items provided

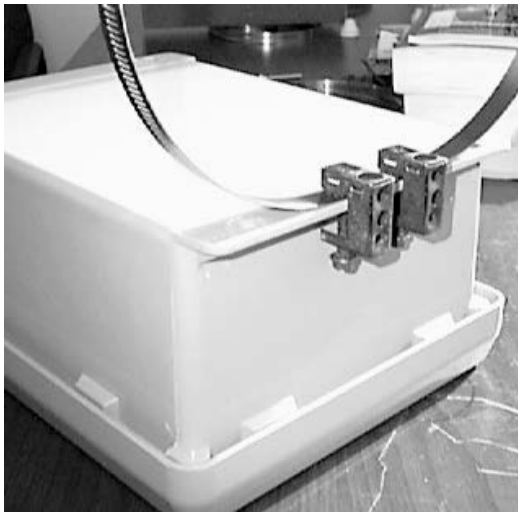
- Outdoor enclosure,
- Base Station

Items needed

- 4 - “Caddy” or “B-Line” 3/8” beam clamps
- 2 - EOG 100 or equivalent band clamps

How to Install

- 1 Attach one band to the top flange of the outdoor enclosure using two beam clamps (see the figure below).



- 2 Attach the second band to the bottom flange of the enclosure using the remaining two beam clamps.
- 3 Wrap the band clamps around the pole and tighten using the screw on the band clamps.
- 4 See figures in Chapter 1 for pictorial data for the remaining steps:

- 5** Slide the Base Station cable through the compression fitting and tighten the fitting.
- 6** Crimp an RJ45 onto the Base Station cable using the same wiring guide as the indoor Base Station.
- 7** Plug the RJ45 into the RJ48C connector.
- 8** Place the Base Station into the enclosure with the side of the Base Station with the mounting hole facing the pole. The Base Station should fit tightly between the foam blocks.
- 9** Screw the outdoor enclosure lid back onto the enclosure.

