

KIRK Base Station

1.8 GHz



User Guide

1 Introduction

The base station is only intended for use with a wireless server. The base station is not intended to be connected directly to the PSTN network. The base station is designed with two internal antennas and supports antenna diversity. The base station is also able to carry out a handover between the RF channels under the same base station, and handles four DECT speech channels simultaneously. The base station is able to frame synchronize with other base stations under the same wireless server.

Transmission length is up to 2 km/1.2 miles on a twisted pair, e.g. cat.4, between the base station and wireless server. The base station is also power supplied from this connection (maximum supply 1.5 W). The DECT radius of coverage is up to 600 meters/1960 feet with a handset in free sight.

2 Installation

First you have to determine where to install the base station to have the right coverage. The average coverage within buildings is 75 meters/246 feet. The coverage depends on the construction of the building, architecture and choice of buildings materials. You may have to use the Deployment Kit to optimize your installation.

The base station is to be mounted directly on the ceiling.

Note: If necessary, the base station can hang from a wire attached to the ceiling, either alone or in clusters with at least 25 cm/10 inches between each base station. The wire is attached to three holes at the top of the base station.

Mounting ring

Release spring



To mount the base station directly on the ceiling:

- 1** Pull the cable through the mounting ring, and then mount the mounting ring on the ceiling, using the anchors and screws accompanying the product.
- 2** Connect the plug to the top of the base station. Adjust the length of the cable.
- 3** Click the base station onto the mounting ring.

Note: If you need to remove the base station, separate it from the mounting ring with a gentle push of a screwdriver on one of the release springs.



4 After the wireless server is powered up again, a cable length measurement is needed.

Note: Cable dimensions min. as AWG 26.

International Regulatory Information



Please find the EC Declaration of Conformity at

<http://www.kirktelecom.com/company/suk273.asp>



The WEEE Marking on this equipment indicates that the product must not be disposed of with unsorted waste, but must be collected separately.



KIRK

a SpectraLink company

KIRK telecom A/S
Langmarksvej 34
DK-8700 Horsens
Tlf. +45 7560 2850
Fax +45 7560 2851
www.kirktelecom.com