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# CPE INSTALLATION MANUAL

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[Chapter 1 - INTRODUCTION](#) describes the equipment and features of the Clearwire wireless network.

[Chapter 2 - INSTALLATION PLANNING](#) describes site requirements, site survey procedures, and required tools and equipment for survey and installation.

[Chapter 3 - INSTALLATION PROCEDURES](#) provides procedures for installing network equipment, including the antenna and outdoor unit (ODU), the indoor unit (IDU), power supply and wiring connections. It also provides instructions for system startup and configuration, and troubleshooting the installation.

[Chapter 4 - PARTS LIST](#) identifies part numbers for the Clearwire® wireless equipment.

[Chapter 5 - TROUBLESHOOTING](#) describes troubleshooting network operation, including interpretation of IDU front panel LEDs, and correcting problems detected by the network manager.

## INTRODUCTION

This manual explains how to install, troubleshoot Clearwire® wireless equipment.

This manual is intended for the person responsible for installing and maintaining the Clearwire® wireless equipment. The procedures included herein should only be performed by qualified, trained personnel.

## FCC INFORMATION

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference and (2) this device must accept any interference received, including interference that may cause undesired operation.

**NOTE:** *This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.*

## RF EXPOSURE FOR ACCESSIBLE ANTENNA



**WARNING:** For compliance with the RF exposure requirements regulated by the FCC (Federal Communications Commission), the separation distance of more than 2 meters shall be maintained between the transmitter, and any part of the user's body.

**Warning:** Changes or modifications not expressly approved by Clearwire<sup>®</sup> could void the user's authority to operate the equipment.

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