



Dismantling Guide

Cuda3000® CMTS

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Preface

Who Should Use This Manual

This manual is for technicians who dismantle the BigBand Cuda3000 CMTS.

Document Conventions

BigBand Networks emphasizes the importance of following all procedures described in this guide, to prevent personal injury. The user should pay careful attention to sections that contain the following conventions:



Note: Information presented in this format is very important in the associated context. Please pay particular attention to the text conveyed as as a Note.



Warning: Information presented in this format identifies a potentially dangerous situation involving electrical circuitry or heavy equipment. Use the advice in this text to avoid bodily injury.



Special Handling: Information presented in this format indicates special care must be applied when disposing or recycling the component.

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1 Policy Statement

BigBand Networks (BBN) recognizes the importance of developing video and data platforms that not only enable our customers to accomplish more with their networks, but also protect the environment and ensure that future generations enjoy its bounties. BBN is committed, therefore, to meeting the requirements of the European Union's WEEE (waste electrical and electronic equipment) directive. The directive mandates how the materials used in electrical and electronic equipment must be disposed of.

BBN has worked closely with its suppliers to eliminate hazardous materials from its products. There are instances, however, where it has not proven possible to completely eliminate all hazardous materials. Consequently, all applicable products are labeled with a crossed-out "wheelie" symbol, indicating that special care must be applied to their disposal and/or recycling (refer to "Document Conventions" on page v).

Additionally, BBN has instituted a take-back program to assist our customers with proper disposal of applicable products, and is also ready to work with equipment recyclers.

For more information about the WEEE requirements in each European country, covered by the WEEE directive, and how to comply with them refer to the following link: www.bigbandnet.com/company/weee.php.

2 Dismantling Instructions

This chapter provides detailed instructions for dismantling the BigBand Cuda3000 CMTS (Cuda). The procedures should be performed in the order outlined in the sections that follow.

2.1 General Preparation

You need the following tools to properly dismantle the Cuda:

- #1 Phillips screwdriver
 - #2 Phillips screwdriver
 - 7/16" socket or wrench
-

2.2 Dismantling Components from the Front of the Cuda

1. Remove the modules and panels:
 - a. Remove any peripheral, ethernet or video cables that may be connected to the module.
 - b. Loosen the top and bottom captive screws that secure the modules in place.
 - c. Move the levers to the outward position; you should feel the module connectors release from the module bus.
 - d. Grasp the ejector levers and pull out the modules.



2.3 Dismantling Fan Panel Components from the Side of the Cuda

1. Remove the right fan panel, by loosening the six screws.



2. Disconnect the two wires connected to the fans.
3. Repeat steps 1 and 2 for dismantling the left fan panel.



2.4 Dismantling Components from the Rear of the Cuda

1. Remove the backplate:
 - a. Remove any cables connected to the backplate.
 - b. Loosen the eight screws and remove the backplate.



2. Remove the backplane cover, by loosening the screws at each corner.



3. Remove the standoffs that secure the backplane to the Cuda.



4. Disconnect the wires connected to the backplane and remove the backplane.



5. Remove the power filter, by pushing the filter out of the Cuda and disconnecting the wires.



2.5 Dismantling Components from the Bottom of the Cuda

Remove the power supply, by loosening the screws that secure it to the Cuda.



The Cuda dismantling is complete.

