

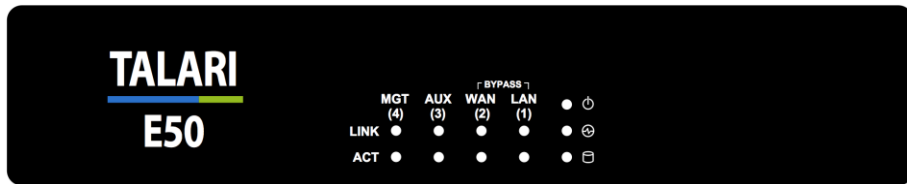
Oracle Talari E50 Installation Guide



Purpose

This guide will help you set up your E50 using typical deployment scenarios.

E50 Overview



The E50 is an extension of the E-series of Talari Appliances and intended for use in small branch retail locations or mobile installations which require reliability in a small footprint. The E50 supports WAN Optimization and Easy 1st Install.

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Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instruction.

Obtaining Support

Technical support and additional documentation is available on the web at www.talari.com/support

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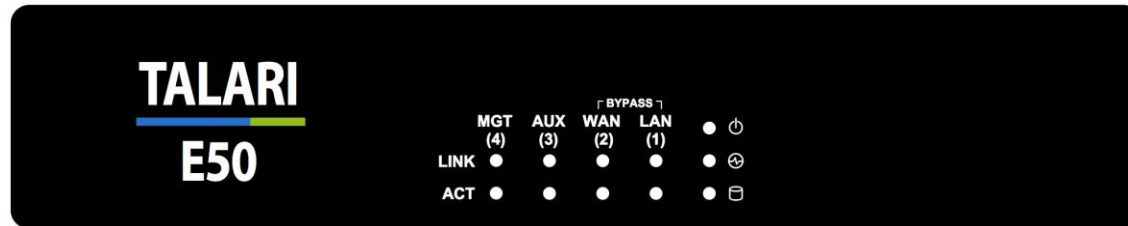
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What's Included



1x Blue Management Cable



1x Green LAN Cable



1x Red Crossover Cable



1x Orange WAN Cable



1x Power Cord



1x Console Cable

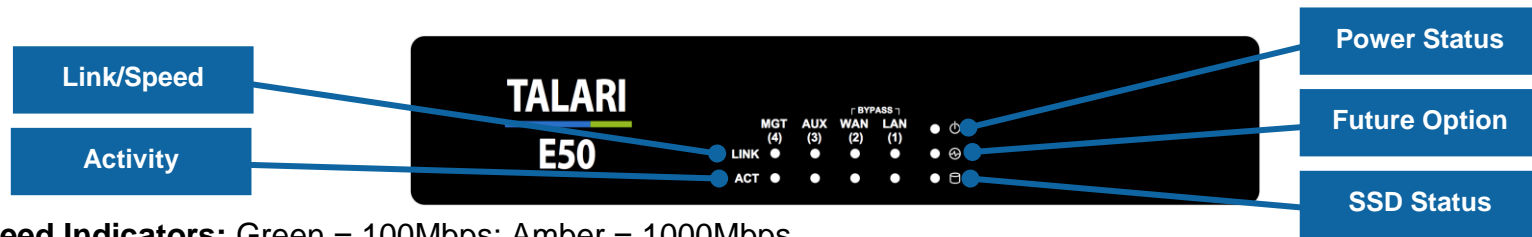


1x Power Adapter



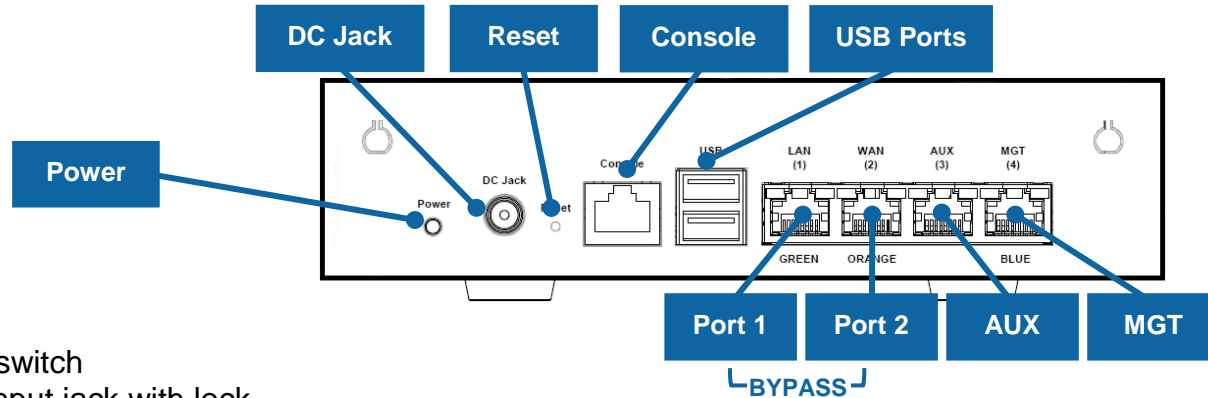
4x Adhesive Rubber Feet

E50 Front Panel



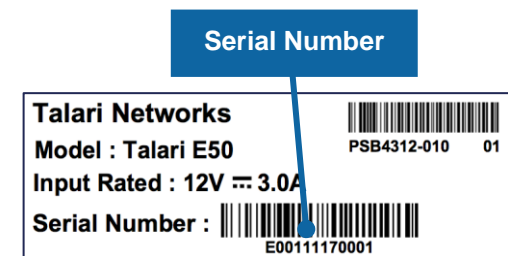
- Link/ Speed Indicators:** Green = 100Mbps; Amber = 1000Mbps
- Activity Indicators:** Flashing Amber = Network Activity
- Power Status Indicator:** Green = Power On
- Future Option:** Reserved for future use
- SSD Status Indicator:** Flashing Amber = Disk Activity

E50 Back Panel



- Power:** On/off switch
- DC Jack:** DC input jack with lock
- Reset:** To be used only under direction from Talari Support
- Console:** RJ-45 console port (115200/8-N-1)
- USB ports (2):** USB 2.0
- Port 1:** Gigabit Ethernet (Bypass pair with Port 2); user-configurable
- Port 2:** Gigabit Ethernet (Bypass pair with Port 1); user-configurable
- AUX:** Auxiliary management port, used for Manual Install; user-configurable
- MGT:** Management port

Serial Number Sticker: Used for Easy 1st Install, located on underside of appliance



Unpacking and Inspection Checklist

- Remove E50 appliance and accessories from box.
- Remove E50 from plastic wrapping.
- Inspect appliance for signs of damage.
- Ensure all accessories are included. (See *What's Included* section for complete list.)

Rack Mounting

The E50 **does not ship** with hardware for rack mounting by default. If the appliance needs to be rack mounted, there are two options available:

1. Purchase optional Rack Mount Kit, available from Talari.

- Rack mounting kit includes 2 ear brackets and 6 screws. Ears mount towards the front (faceplate) side of the appliance. To attach the ear brackets, follow the instructions below:
- Each ear bracket has three holes, which align with matching holes on the appliance:



- Align the holes in ear brackets with the holes in the appliance, then secure with screws:
- The appliance may now be rack-mounted in a standard 19-inch rack.

2. User-provided standard 1U tray designed for rack mounting.

The Talari E50 is designed to fit a standard 1U tray within a rack. Two E50 devices may be placed in a rack shelf with a divider. Adhere the optional Adhesive Rubber Feet to prevent slippage.

Safety Recommendations

Prior to installing the device, adhere to the following installation guidelines:

- Ensure that there is adequate airflow. Restricted airflow can damage the equipment.
- Cables should be easily identifiable.

Network Deployment Options

Before getting started it is important to determine how the E50 will be deployed. When considering deployment options for the E50, please note that **the bypass pair will default to Fail-To-Block until configured otherwise**.

Example instructions for some of the most common deployment scenarios are provided below:

E50 as a Router (Gateway, Fail to Block)

Description: The E50 is deployed as the WAN gateway for the site, and bypass pair is configured as Fail-To-Block. Use this design if you plan to use the Talari Appliance as the edge device for the site. Proceed to the pages below based on your installation method:

Manual Install: Page 8

E50 as Layer 2 Fail-To-Wire (Overlay)

Description: The E50 is deployed on the LAN side of the gateway, and bypass pair is configured as Fail-To-Wire. Use this design if you prefer to retain existing edge devices or plan to install an alternative edge device on the WAN side of the Talari Appliance. Proceed to the pages below based on your installation method:

Manual Install: Page 8

E50 with MPLS & Internet Hybrid

Description: The E50 is deployed as an overlay for MPLS while performing routing/firewall capabilities for internet links. Use this design if recommended by your SA, or if you have an MPLS/Internet hybrid network and will not be using the CE Router Replacement functionality of the Talari APN. Proceed to the pages below based on your installation method:

Manual Install: Page 8

Other Options

There are other deployment options, and our Talari Implementation team members will assist you with planning and deploying your new appliance.

Installation Option: Manual Install

For use with E50 as a Router (Gateway, Fail to Block), Layer 2 Fail to Wire (Overlay), MPLS & Internet Hybrid

Manual Install Site Deployment Criteria:

Manual (Legacy) Install requires physical access to the appliance. The end user will require a PC which can be connected directly to the AUX port of the Talari Appliance via an Ethernet cable. Cable LAN and WAN ports in accordance with Talari configuration for site.

Pre-Deployment Requirements:

The network administrator must have an active configuration which includes a client package for this site running on the NCN. An appropriate IP address, subnet mask, and gateway for the management interface should be provided for the on-site user to configure.

If the network administrator will have access to the new appliance once an on-site user configures the management interface, proceed to step 4 of Deploying the Talari Appliance. If not, the on-site user will require the client package from the running configuration:

1. From the Web Console of the NCN, navigate to **Manage Network > Change Management**.
2. Download the active package for the new client site.
3. Send the zipped client package to the on-site user who will be deploying the appliance.

Deploying the Talari Appliance:

1. Connect the power cord to the E50. Connect the other end to an appropriately grounded power source. The E50 will power on automatically.
 2. Connect your PC directly to the AUX Port of the E50.
 3. From the PC connected to the Talari:
 - a. Change the IP address of your PC to 192.168.0.1.
 - b. Change the Subnet Mask of your PC to 255.255.255.252.
 - c. Open a web browser and go to the Talari web console at 192.168.0.2. The username is *talariuser* and the default password is *talari*. **We strongly recommend changing the default password as soon as possible.**
 - d. Select **Manage Appliance > Local Network Settings** from the pull-down menu.
 - e. Set the IP Address, Subnet Mask, and Gateway IP Address for the Talari as provided by your network administrator.
 - f. Click Change Settings. If your network administrator will be applying the configuration package, you may now restore the original network settings on your PC.
 4. To apply the configuration package, navigate to **Manage Appliance > Local Change Management**.
 5. Click Browse and select the .zip package provided by your network administrator, then click Upload.
 6. When the upload is complete, click Next to proceed to activation.
 7. Click Activate Staged to complete the process.
 8. Once the activation process has completed, navigate to **Manage Network > Service/WAN Links** and enable the Talari service.
 9. You may now restore the original network settings on your PC.
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