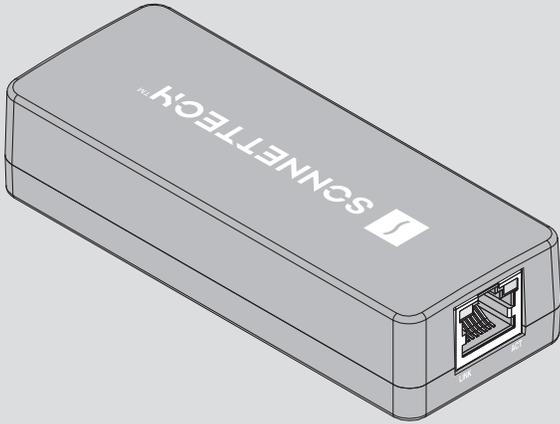


Sonnet Thunderbolt™ AVB Adapter Quick Start Guide



Mac® Compatibility

- Mac (M series)
- Mac (Intel®) with Thunderbolt 3 ports
- macOS® 10.12.6+

AVB Compatibility

- AVB supported only under macOS.
- When used with Avid Pro Tools | Carbon, a direct connection between the Sonnet adapter and Avid interface is required.
- For use with other AVB applications, switch/router must also support AVB to support this feature.

Avid Pro Tools Carbon Compatibility

- See Avid Pro Tools | Carbon Support and Compatibility support page for supported Mac computers and macOS releases

MILAN Compatibility

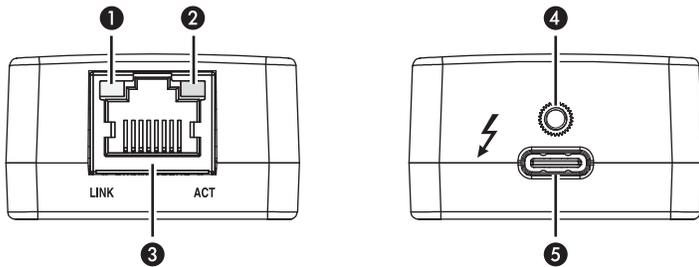
- Compatible with MILAN-Certified products (such as L'Acoustics P1)

Dante Compatibility

- Compatible with Dante-enabled devices

1

Thunderbolt AVB Adapter Description



1 - Link Indicator

This LED lights green to indicate a link is established between the adapter and the device or switch.

2 - Activity Indicator

When a link is established between the adapter and the switch, this LED flashes yellow to indicate network activity.

3 - RJ45 Port

Connect a Cat 5e or better cable between this port and the switch's or device's RJ45 port.

4 - Thunderbolt Port

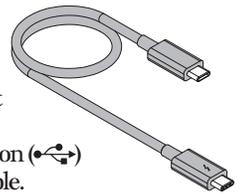
Connect the included (or other certified) Thunderbolt cable between this port and your computer's (or intermediate peripheral device's) Thunderbolt port.

2

Additional Package Contents Description

Thunderbolt Cable

Connect this cable between the Sonnet adapter and one of your computer's Thunderbolt ports (often indicated by a ⚡ logo), or other Thunderbolt peripheral device in the chain connected to the computer. Ports marked with the generic USB icon (↔) or USB Charging Port icon (⚡) are NOT compatible.



ThunderLok™ Thunderbolt Connector Retainer Clip

This clip secures the included Thunderbolt cable's connector plugged into the Sonnet adapter's Thunderbolt port to prevent accidental cable disconnection.



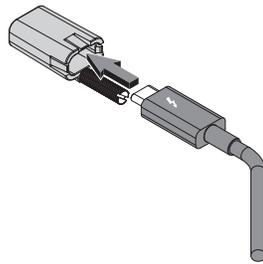
Driver Information

The drivers required to support this product are installed as part of macOS 10.12.6 and later; the Sonnet adapter is ready for use when you power on your computer.

3

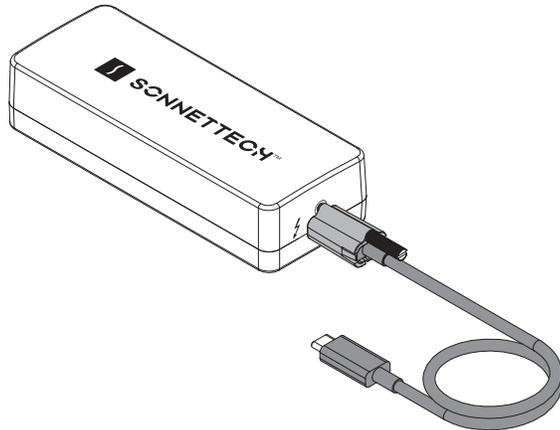


Support Note: To attach the ThunderLok clip to the cable, remove both from their packaging, and then insert the connector through the connector clip as shown. Note that the connector will pass all the way through the clip; when you connect the cable to the reader, the clip will secure the connector.



Connecting the Adapter to Your Computer

Connect the included (or other certified) Thunderbolt between the Thunderbolt port on the Sonnet adapter and a Thunderbolt port on your computer, or other Thunderbolt peripheral device in the chain connected to the computer. Secure the retainer clip to the reader if you attached it to the cable.



4

Basic Mac Configuration Information

With Sonnet Thunderbolt AVB adapter connected to your computer and network infrastructure, configure the adapter's settings in the System Settings' (or System Preferences') Network panel. The adapter will be identified as Broadcom NetXtreme Gigabit Ethernet Controller.

Add the Adapter as an AVB Device – macOS 13 and 14

1. Launch the macOS Terminal application.
2. At the prompt, type `avbutil --controller` and then hit return; the AVB Configuration utility will launch.
3. From the AVB Configuration menu, select ATDECC Controller > New ATDECC Controller Window.
4. In the *ATDECC Controller* window, select Broadcom NetXtreme Gigabit Ethernet Controller in the left panel, and then click the checkbox next to Built-in virtual audio entity.

Add the Adapter as an AVB Device – macOS 11 and 12

1. Launch the macOS Terminal application.
2. At the prompt, type `avbutil --controller` and then hit return; the AVB Audio Configuration utility will launch.
3. From the AVB Audio Configuration menu, select Window > Simple Virtual Audio Configuration.
4. In the *Simple Virtual Audio Configuration* window, click the checkbox next to Broadcom NetXtreme Gigabit Ethernet Controller.

5

Tips, General Information

Audio Video Bridging (AVB) Support

The Sonnet adapter supports AVB under macOS when used with AVB-compatible (802.1Qav) switches and connected via CAT 5e (or better) cabling.

Contacting Customer Service

Before contacting Customer Service, please check the Sonnet website (www.sonnettech.com) for the latest updates and files. Email requests generally receive the fastest responses, and are usually processed within a 24-hour period during normal business hours, excluding holidays. When you contact Customer Service, please have the following information available:

- Product name
- OS version
- A System Report (macOS) or a Microsoft System Information MSINFO32 (Windows) report (Windows), along with a description of the issue(s) you are encountering with your device

If further assistance is needed, contact **Sonnet Customer Service** at:

E-mail: support@sonnettech.com

Tel: 1-949-472-2772

(Monday–Friday, 9 a.m.–5 p.m. Pacific Time, excluding holidays)

Japan Customers

Contact Sonnet Customer Service Japan at:

E-mail: jp.support@sonnettech.com

6



Support Note: This document was up to date at the time of printing. However, changes to the hardware or software may have occurred since then. Please check the Sonnet website for the latest documentation.

1. Go to <https://www.sonnettech.com/support/kb/kb.php>
2. Navigate to and click the Sonnet Thunderbolt AVB Adapter link.
3. Click the Manual link.
4. Click the Sonnet Thunderbolt AVB Adapter QSG [English] link and then check the Document Version information. If the version listed is later than this document (**revision F**), click the Download Now button for the latest version.



©2024 Sonnet Technologies, Inc. All rights reserved. Sonnet, SONNETTECH, the Sonnettech logotype, and the S logotype are registered trademarks of Sonnet Technologies, Inc. Mac, the Mac logo, MacBook Air, MacBook Pro, and macOS are trademarks of Apple Inc., registered in the United States and other countries. Thunderbolt and the Thunderbolt logo are trademarks of Intel Corporation in the U.S. and/or other countries. Other product names are trademarks of their respective owners. Product specifications subject to change without notice. QS-AVB-TB-E-F-061224