



TS3

Thunderbolt™ Station 3

USER GUIDE

For more information visit www.caldigit.com

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1. General Information

Introduction

The CalDigit Thunderbolt™ Station 3 maximizes the potential of Thunderbolt™ 3's 40G/s throughout to add a plethora of devices to any Mac or PC Thunderbolt™ 3 enabled computer. Featuring dual Thunderbolt™ 3 Type-C ports for daisy-chaining extra Thunderbolt™ 3 devices, the TS3 can fit into any workflow without sacrificing a Thunderbolt™ 3 port all while charging your computer up to 85W.

General Use Warnings

- Please read the TS3 manual thoroughly and familiarize yourself with the product before use.
- Avoid using the TS3 in extremely hot and cold environments. A safe temperature range is between 40°F – 95°F (4.4°C - 35°C).
- Avoid using the TS3 in humid environments. Moisture and condensation can accumulate in the device and cause damage to the electrical components.
- Only use the power adapter that has been supplied with the TS3. An excessive or inadequate power supply can result in unstable performance or device failure.

Safety Warnings

- Keep the TS3 away from liquids and moisture. Exposure to liquids can result in damaging the unit, electric shock, and result in a fire hazard.
- If your TS3 gets wet while it is still off, do not turn it on. In the case of any issue with the device, do not attempt to repair or open the device yourself. Doing so can result in personal injury, damage the device, and will void the warranty. If you have any issues, please contact CalDigit Technical Support.

System Requirements

Thunderbolt™ 3 computers

Mac OSX 10.12 or later

Windows 7, 8, 10 or later

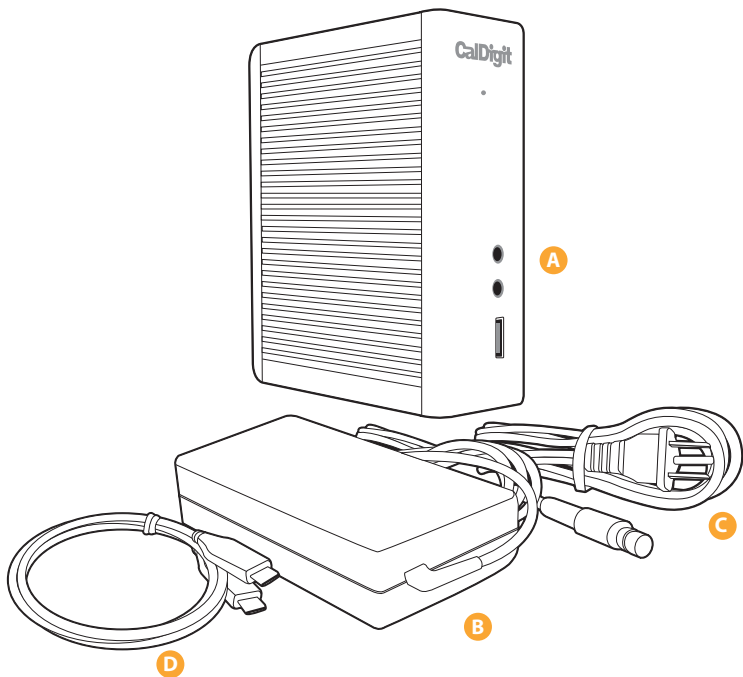
In the Box

A • 1 x CalDigit TS3

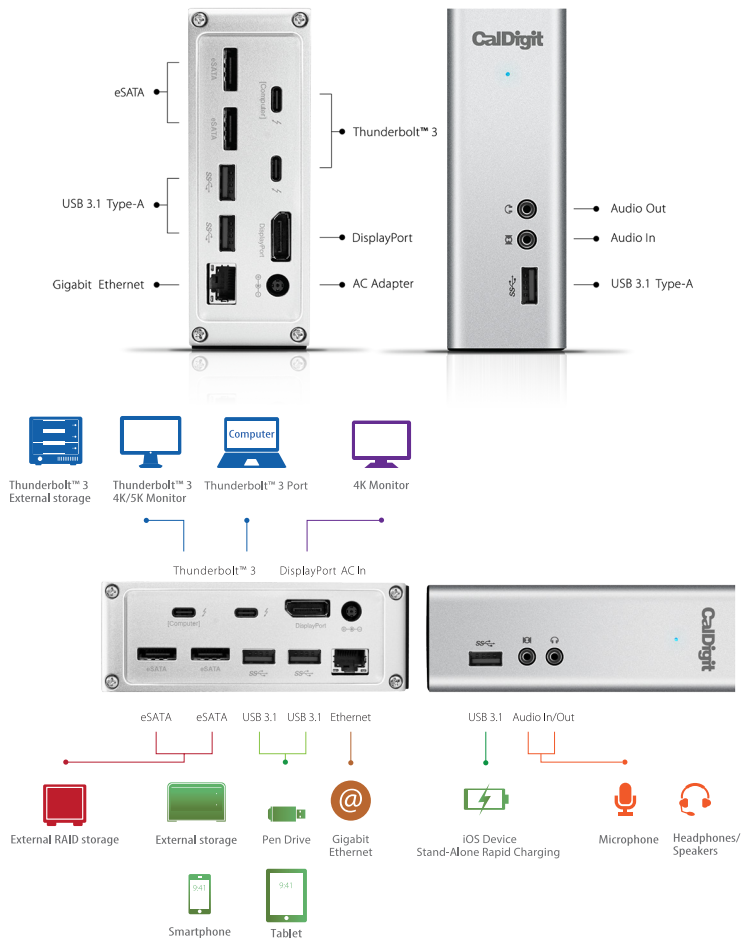
B • 1 x Power Supply

C • 1 x Power Cord (plug style may vary based on regional regulations and requirements.)

D • 1 x Thunderbolt™ 3 Cable



TS3 Diagram



2. Using the TS3

Powering the TS3

1. The CalDigit TS3 requires power from the AC adapter to operate. Connect the AC adapter connector to the DC jack on the back of the TS3 and the other side to an AC outlet.



2. To power off the TS3, disconnect the power cable from the AC outlet.



NOTE

Always use the supplied Thunderbolt™ 3 cable or a certified 40Gb/s Thunderbolt™ 3 cable.

Connecting the TS3 to your computer

Once the TS3 has been powered on, connect the device using a Thunderbolt™ 3 cable from one of the Thunderbolt™ 3 port labeled “Computer” on the TS3 to a Thunderbolt™ 3 port on your computer. This single connection will now provide 85W charging for your laptop in addition to expanding your connectivity options.



LED Indicator

The TS3 is equipped with an LED indicator, which will display a BLUE light if the unit is powered on and connected to your computer.

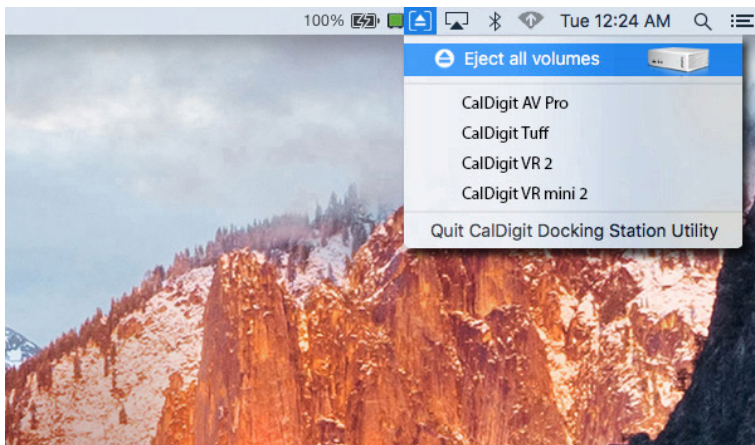


CalDigit Docking Station Utility

The CalDigit Docking Station Utility makes it incredibly easy to disconnect all your USB storage devices from the TS3 without the need to manually disconnect them one by one.

NOTE

The CalDigit Docking Station Utility Installer file needs to be downloaded and installed on your Mac from the CalDigit website. Please go to www.caldigit.com/support.asp to download the Installer package.



Disconnecting all USB storage devices

1. Open the CalDigit Docking Station Utility on the top menu bar.
2. Click the eject button on the TS3 image.

Disconnecting individual USB storage devices

1. Open the CalDigit Docking Station Utility on the top menu bar.
2. Click on the specific USB device you would like to eject. Only that device will be ejected.

Interface Summary

Thunderbolt™ 3

The TS3 features two Thunderbolt™ 3 Type-C ports that can transfer at speeds up to 40Gb/s. One port is reserved for the connection to your host computer and the second can be used to connect extra Thunderbolt™ 3 devices. Thunderbolt™ 3 Type-C supports video and data. The Thunderbolt™ host port also provides charging up to 85W for your computer.



eSATA

Featuring dual 6G eSATA ports, the Thunderbolt™ Station 3 allows users to connect professional eSATA devices.



USB 3.1 Type-A

The TS3 features three USB 3.1 5Gb/s ports. Both ports feature Battery Charging v.1.2.





DisplayPort

The TS3 features a full-size DisplayPort that supports a maximum resolution up to 4K. DisplayPort can be easily converted to HDMI, miniDisplayPort, VGA, and DVI with the use of adapter cables or adapters.

Note: If you are attempting to use an adapter with the TS3's DisplayPort, please make sure that it is an active type adapter or cable. Regular passive adapters and cables will not function.

Any display connected to the DisplayPort will be regarded as a secondary display by default. This can be changed in the "Display" section under "System Preferences".

NOTE

The TS3 supports dual display functionality. However, the actual resolutions are limited by GPU, OS, Driver and Firmware. Please refer to the tables below for general information.

Single Monitor: Using DisplayPort

Resolution	Video Display Frequency	Single Monitor
2K (2560 x 1600)	60 Hz	Yes
Full HD (1920 x 1080p)	60 Hz	Yes
4K	60 Hz*	Yes
2K (2560 x 1600)	30 Hz	Yes
Full HD (1920 x 1080p)	30 Hz	Yes

Single Monitor: Connected to Thunderbolt™ 3 Port (With use of a USB-C Video Adapter connected to the Thunderbolt™ 3 port)

Resolution	Video Display Frequency	Single Monitor
5K	60 Hz	Yes
4K	60 Hz	Yes
2K (2560 x 1600)	60 Hz	Yes
Full HD (1920 x 1080p)	60 Hz	Yes
2K (2560 x 1600)	30 Hz	Yes
Full HD (1920 x 1080p)	30 Hz	Yes

Dual Monitors : Connected to DisplayPort & Thunderbolt™ 3 Port (With use of a USB-C Video Adapter connected to the Thunderbolt™ 3 port)

Resolution	Video Display Frequency	Dual Monitor
2K (2560 x 1600)	60 Hz	Yes
Full HD (1920 x 1080p)	60 Hz	Yes
4K	60 Hz*	Yes
2K (2560 x 1600)	30 Hz	Yes
Full HD (1920 x 1080p)	30 Hz	Yes

*60hz refresh rate through DisplayPort may not be compatible with all 4K displays.

Please visit <http://www.caldigit.com/KB/index.asp?KBID=198&viewlocale=1> for more details.

Ethernet

The TS3 has a single Gigabit Ethernet port to connect to a Gigabit Ethernet network. Your computer will connect to whichever network is connected to the TS3 by default. These settings can be changed in the “Network” section under “System Preferences”. The Ethernet port also supports wake-on-LAN which allows your computer to wake from standby remotely via the network.

Audio

The TS3 has one 3.5mm audio input and one 3.5mm amplified audio output. The audio devices must be selected in the “Sound” section under “System Preferences”. The TS3’s audio device will be listed as ‘USB audio CODEC’ in your settings.

CalDigit TS3 Specifications

Package Dimension and Weight

- Height: 4.92 inches (125.0 mm)
- Width : 6.81 inches (173 mm)
- Depth : 5.31 inches (135 mm)
- Weight: 3.05 lbs (1.38 kgs)

Interface

- 2 x Thunderbolt™ 3 Type-C
- 3 x USB 3.1 Gen 1 Type-A
- 2 x eSATA 6G
- 1 x DisplayPort
- 1 x Gigabit Ethernet
- 1 x Audio In & Out

Power

AC Input : 100V-240V ~50Hz/60Hz
DC Output: 20V/8.5A, 170W

System Requirements

Thunderbolt™ 3 computers
Mac OSX 10.12 or later
Windows 7, 8, 10 or later

Environment

Ambient Operating Temperature: 32°F ~ 158°F (0°C ~ 70°C)



CalDigit TS3 Accessories

Thunderbolt™ 3 Cables

- Thunderbolt™ 3 Cable 1m (40Gb/s)
- Thunderbolt™ 3 Cable 2m (40Gb/s)

Power Supply

- TS3 PSU 170W

USB-C Video Adapters

- CalDigit USB-C to DisplayPort adapter
- CalDigit USB-C to HDMI adapter
- CalDigit USB-C to VGA adapter

Please contact CalDigit or an authorized CalDigit reseller for availability and pricing.

3. Technical Support and Warranty Information

Technical Support

If you run into any issues while using your TS3, please contact CalDigit Technical Support.

- Email: support@caldigit.com
- Phone: (714) 572-6668
- Website: www.caldigit.com/support.asp

To be eligible for customer support and warranty services, please register your CalDigit product on our website.

- <http://www.caldigit.com/Register/Register.asp>

When contacting CalDigit Technical Support, make sure to be at your computer and have the following information available:

1. Your TS3 serial number
2. Operating system and version
3. Computer make and model
4. Devices being used on the TS3

Warranty Information

- The TS3 is covered by a 2-year limited warranty.
- For detailed CalDigit warranty information please visit our website : <http://www.caldigit.com/rma/Limited-Warranty.pdf>

Please visit www.caldigit.com for more information on all CalDigit products.

Specifications and package contents are subject to change without notice.

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