




ATEN CS1942ATC 2 Port USB 3.0 4K Dual Display DisplayPort User Guide

[Home](#) » [Aten](#) » ATEN CS1942ATC 2 Port USB 3.0 4K Dual Display DisplayPort User Guide 



Simply Better Connections

CS1942ATC
2-Port USB 3.0 4K Dual Display DisplayPort
KVMP™ Switch for ATC
Quick Start Guide

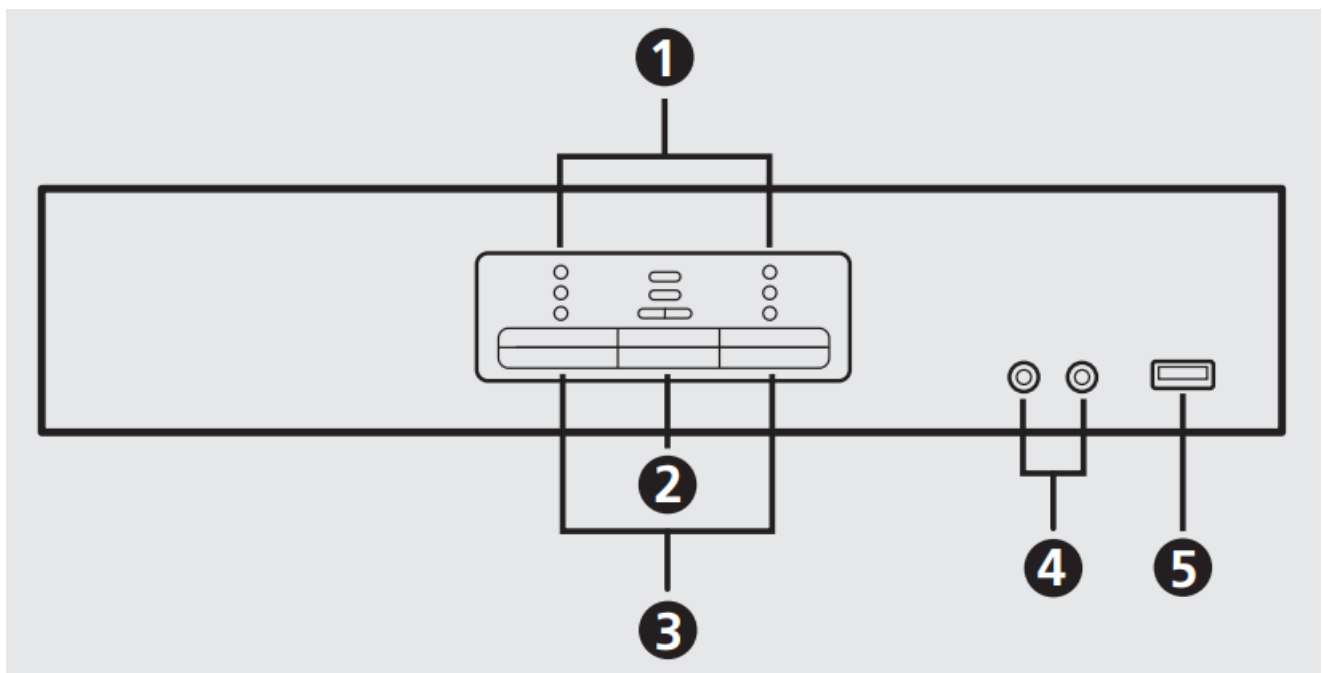


Contents

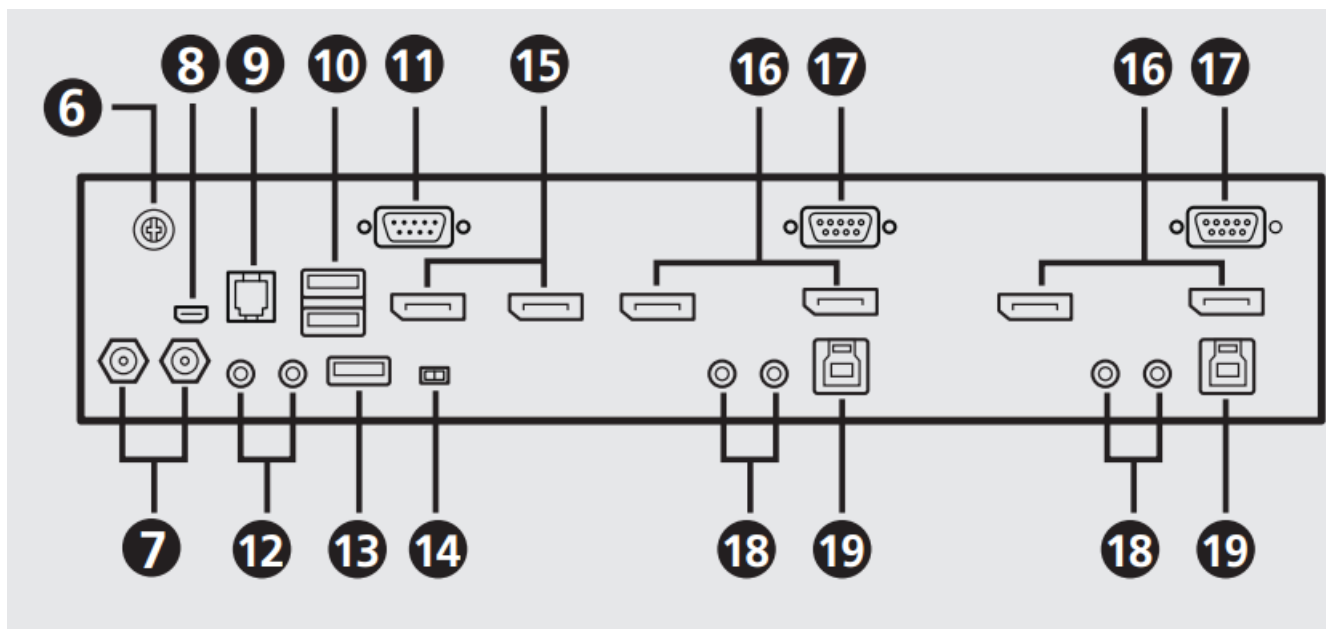
- [1 A Hardware Overview](#)
- [2 Installation](#)
- [3 Package Contents](#)
- [4 Technical Support](#)
- [5 A Hardware Overview](#)
- [6 Installation](#)
- [7 Operation](#)
- [8 Documents / Resources](#)
 - [8.1 References](#)

A Hardware Overview

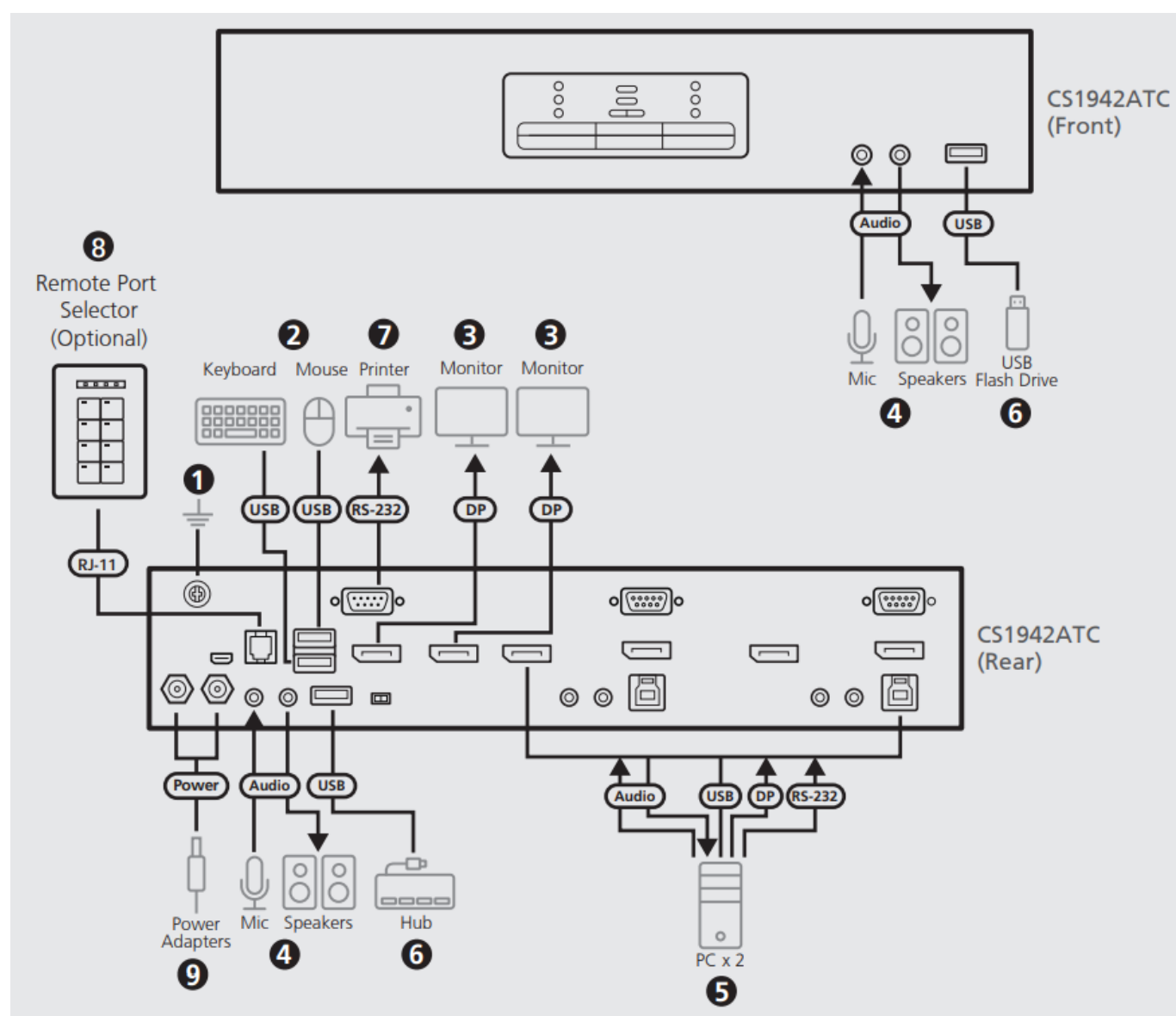
CS1942ATC Front View



CS1942ATC Rear View



Installation



Package Contents

1 CS1942ATC 2-Port USB 3.0 4K Dual
DisplayPort KVMP™ Switch for ATC
4 DisplayPort 1.2 cables
2 USB 3.1 Type-A to Type-B cables
2 microphone cables
2 speaker cables
2 power adapters and power cords
1 user instructions

Support and Documentation Notice

All information, documentation, firmware, software utilities, and specifications contained in this package are subject to change without prior notification by the manufacturer.

To reduce the environmental impact of our products, ATEN documentation and software can be found online at <http://www.aten.com/download/>

Technical Support

www.aten.com/support

Scan for more information

Product Page



<https://www.aten.com/global/en/products/modelno/cs1942atc/>

User Manual



http://www.aten.com/ext_libraries/manuals.php?n=cs1922atc

CS1942ATC 2-Port USB 3.0 4K Dual Display DisplayPort KVMP™ Switch for ATC

A Hardware Overview

1. port LEDs
2. mode selection pushbutton
3. port selection pushbuttons
4. audio jacks
5. USB 3.1 Gen 1 Type-A port
6. grounding terminal
7. power jacks

Console Ports Section

8. USB Micro-B port (for firmware upgrade)
9. RJ-11 port
10. USB 2.0 Type-A ports
11. RS-232 serial port
12. audio jacks
13. USB 3.1 Gen 1 Type-A port
14. primary / secondary switch
15. DisplayPort out

KVM Ports Section

16. DisplayPort in
17. RS-232 serial ports
18. audio jacks
19. USB Type-B ports

Installation

1. Ground the CS1942ATC by connecting one end of a grounding wire to the grounding terminal and the other end to a suitable grounded object.

Note: Do not omit this step. Proper grounding helps to prevent damage to the unit from power surges or static electricity.

2. Connect your USB keyboard and USB mouse to the unit's USB 2.0 Type-A ports.
3. Connect your DisplayPort-enabled displays to the unit's DisplayPort output ports.
4. Connect your primary microphone and speakers to the unit's audio jacks located on the front panel. Optionally, connect your secondary microphone and speakers to the unit's audio jacks located on the rear panel.

Note: The microphone and speakers connected into the front panel have priority over those connected into these jacks.

5. Using the provided cables, connect the audio, video, RS-232, and USB ports of up to 2 PCs to the KVM ports section on the KVM switch.

Note: Make sure that all the connectors from one PC are connected to the same KVM ports section (all in CPU1 and all in CPU2).

6. (Optional) Connect your USB peripherals to the unit's USB 3.1 Gen 1 Type-A ports.
7. (Optional) Connect your RS-232 devices such as a printer to the unit's RS232 serial port from the console ports section.
8. (Optional) To use a remote port selector for port selection, plug its cable into the RJ-11 port.

Note:

- To purchase a remote port selector for CS1942ATC, contact your ATEN dealer for more information.
- To use a remote port selector for port selection, make sure to slide the primary / secondary switch to the p position.

9. Connect the power adapters to the unit's power jacks. Now the CS1942ATC is powered on.

Note: We recommend connecting both power adapters to the unit for power redundancy.

10. Power on the computers, displays, and the other connected devices.

Operation

There are several convenient methods you can use to operate the CS1942ATC to switch KVM control to a connected device.

Manual Switching

To bring complete focus (KVM, USB, and audio) to a computer, use one of the following methods.

- Press the port selection pushbutton that corresponds to that computer.
- Press the mode selection pushbutton once (the mode icons light up) and then press the port selection pushbutton that corresponds to that computer, and all three port icons light up.

Hotkey Switching

Press and hold [Ctrl] [n]: Brings the KVM, USB, and audio focus to the computer attached to the port corresponding to the specified port ID.

Note: The n stands for the computer's port ID number 1 or 2.

For more information on the unit's operation, please refer to the user manual.

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Documents / Resources

	<p>ATEN CS1942ATC 2 Port USB 3.0 4K Dual Display DisplayPort [pdf] User Guide CS1942ATC 2 Port USB 3.0 4K Dual Display DisplayPort, CS1942ATC, 2 Port USB 3.0 4K Dual Display DisplayPort, 4K Dual Display DisplayPort, Dual Display DisplayPort, Display DisplayPort, DisplayPort</p>
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References

- [!\[\]\(fd4127b9e2af37bd6ea0fa06afa8e6d8_img.jpg\) **ATEN - Simply Better Connections | ATEN U.S.A.**](#)
- [!\[\]\(3278d6283d12f18012b5aa7d40747611_img.jpg\) **Downloads | ATEN Corporate Headquarters**](#)
- [**User Manual**](#)

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