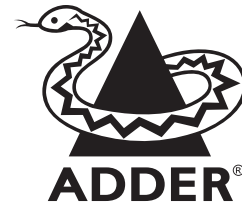


Safety information

- For use in dry, oil free indoor environments only.
- Do not use to link between buildings.
- Not suitable for use in hazardous or explosive environments or next to highly flammable materials.
- Ensure that all twisted pair interconnect cables are installed in compliance with all applicable wiring regulations.
- Do not connect the CATx link interface (RJ45 style connector) to any other equipment, particularly network or telecommunications equipment.
- Where possible, avoid laying the twisted pair link cable(s) alongside power cables.
- Do not attempt to service the module yourself.
- The modules do not provide ground isolation and should not be used for any applications that require ground isolation or galvanic isolation.
- For correct operation, the transmitter and receiver modules must have ground connections. At the computer end, this is achieved by ensuring that the computer that the module is connected to has a ground connection. At the audio/visual device end, this can be achieved by ensuring that the power supply is connected to a grounded power outlet. Alternatively, a ground connection will be made via the monitor, if the monitor is itself grounded.

Warranty

Adder Technology Ltd warrants that this product shall be free from defects in workmanship and materials for a period of two years from the date of original purchase. If the product should fail to operate correctly in normal use during the warranty period, Adder will replace or repair it free of charge. No liability can be accepted for damage due to misuse or circumstances outside Adder's control. Also Adder will not be responsible for any loss, damage or injury arising directly or indirectly from the use of this product. Adder's total liability under the terms of this warranty shall in all circumstances be limited to the replacement value of this product. If any difficulty is experienced in the installation or use of this product that you are unable to resolve, please contact your supplier.



AdderLink AV 2-Port Computer Access Module

Quick Start

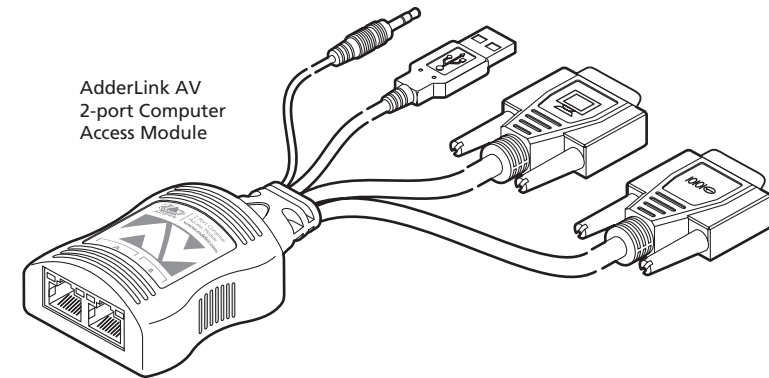
(ALAV102T-USB)

The AdderLink AV 2-Port Computer Access Module is a highly compact device that allows you to share a single computer between two sets of peripheral devices.

The AdderLink AV 2-Port Computer Access Module connects to various ports on your computer. You then connect it via CAT 5, 5e or 6 cabling to two AdderLink AV receiver units (either AdderLink AV100R or AV101R), each of which can be located up to 300 metres from the module. Your video displays and speakers are linked to the remote AdderLink AV100 or AV101 receiver units. See important note below.

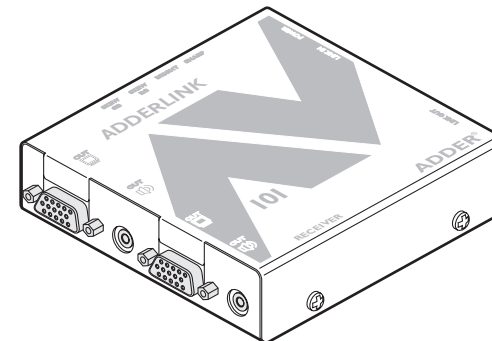
The AdderLink AV 2-Port Computer Access Module uses a USB port to derive its power from the host computer, dispensing with the need for a separate power supply and thus simplifying installation.

What's in the box



What you may additionally need

AdderLink AV
100R or 101R
receiver units



IMPORTANT

Earlier versions of AdderLink AV100R and AV101R receivers are not compatible with the AdderLink AV102T transmitter. Use only serial numbers as follows:

- AdderLink AV 100R - s/n **6000** or greater.
- AdderLink AV 101R - s/n **2000** or greater.



support@adder.com
www.adder.com

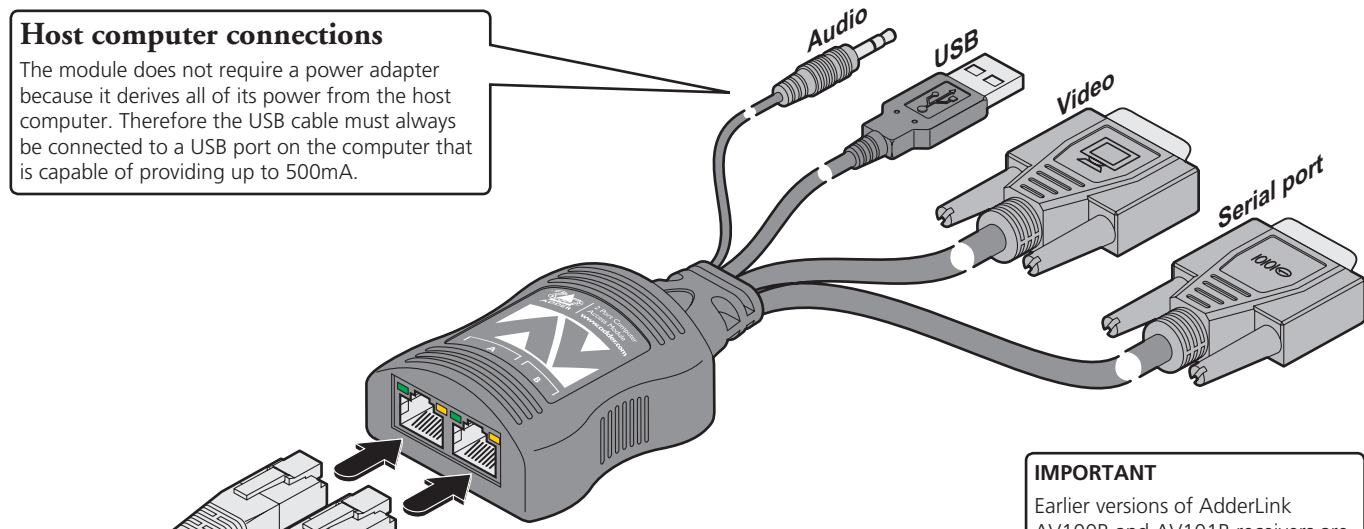
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Host computer connections

The module does not require a power adapter because it derives all of its power from the host computer. Therefore the USB cable must always be connected to a USB port on the computer that is capable of providing up to 500mA.



Serial port configuration

The module can automatically alter its baud rate to match that of the host computer's serial port. To do this the other serial parameters must first be correct: 8 data bits, no parity, 1 stop bit and no hardware handshaking. These are usually the default settings, however, if you do need to alter them, open the Windows Device Manager, locate the entry for the COM port to which the module is connected and view the Properties > Port Settings tab. Once set, open a terminal program and send a Return (carriage return) to the Com port to which the module is attached until the message **USB Dual Access CAM version 1.00** is returned. The module can now accept commands.

IMPORTANT

Earlier versions of AdderLink AV100R and AV101R receivers are not compatible with the AdderLink AV102T transmitter. Use only serial numbers as follows:

- AdderLink AV 100R - s/n **6000** or greater.
- AdderLink AV 101R - s/n **2000** or greater.

EDID display information

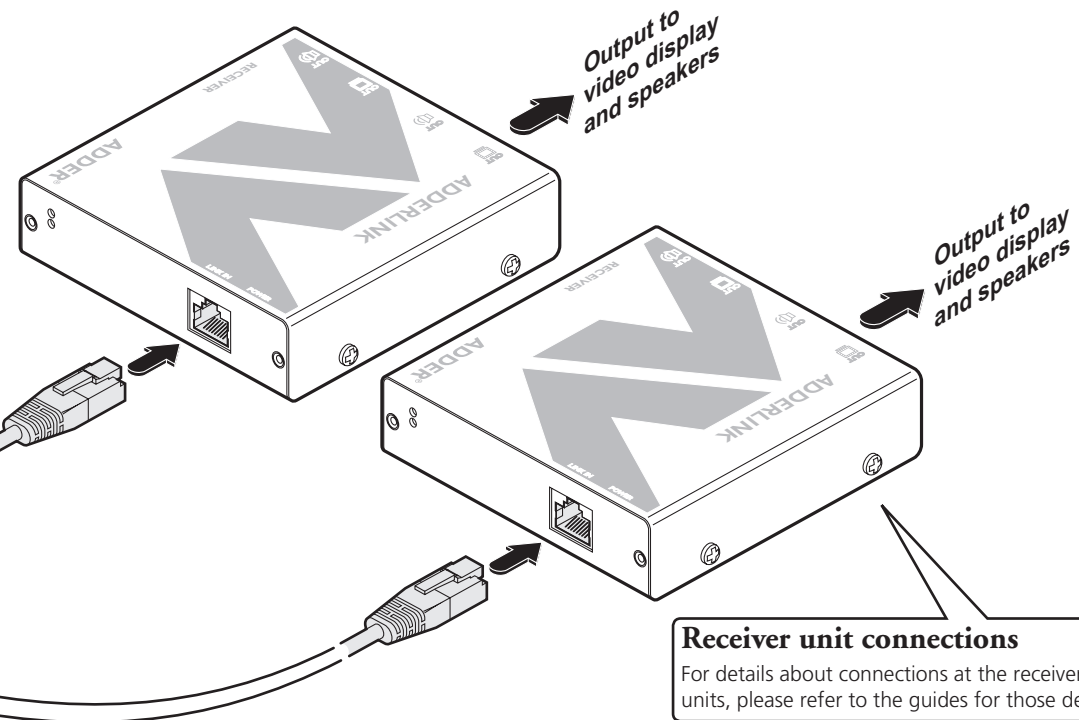
The module contains a default set of EDID information that supports display resolutions up to 1600 x 1200 @ 60Hz. If required, you can harvest and store new EDID information from your display or an Adder DDC Ghost device.

- 1 Disconnect the CATx link cables from the module. This procedure will not work if the CATx links are present.
- 2 Attach the module's Video connector to the monitor whose EDID is required (or an Adder DDC Ghost unit containing the required EDID).
- 3 Attach the USB and serial port connectors to a computer. See 'Serial port configuration'.
- 4 On the computer, open a terminal program and send the character **e** (0x65) to the Com port to which the module's serial connector is attached.
If the EDID harvest is successful, the module will send **OK** to confirm. If unsuccessful, it will send **FAIL** - check the connections and try again.
- 5 Reconnect the module in the usual manner for normal operation.

Resolutions and cable lengths

The maximum resolutions achievable are: 1600 x 1200 x 60Hz at 200m and 1280 x 1024 x 60Hz at 300m.

Do not exceed 300m cable lengths in any installation.



Receiver unit connections

For details about connections at the receiver units, please refer to the guides for those devices.