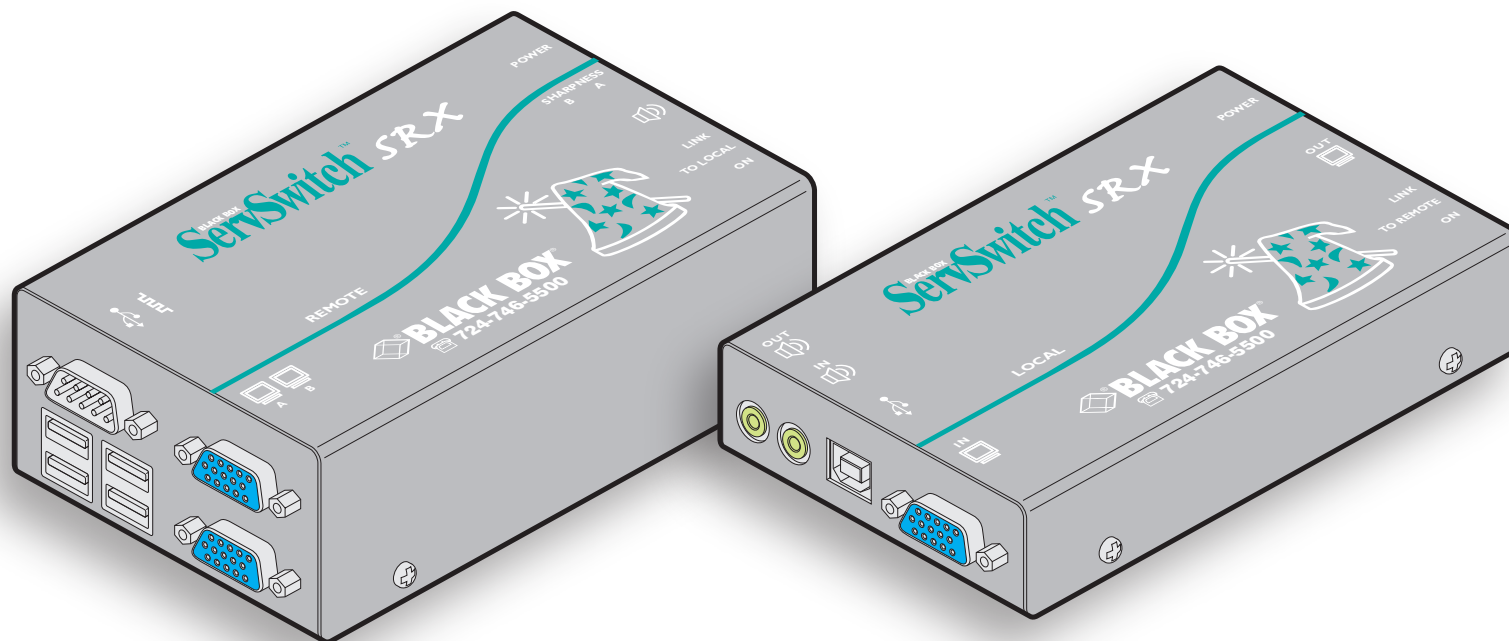




ServSwitch™ SRX

USER GUIDE



**CUSTOMER
SUPPORT
INFORMATION**

Order toll-free in the U.S.: Call **877-877-BBOX** (outside U.S. call **724-746-5500**)
FREE technical support 24 hours a day, 7 days a week: Call **724-746-5500** or fax **724-746-0746**
Mailing address: **Black Box Corporation**, 1000 Park Drive, Lawrence, PA 15055-1018
Web site: www.blackbox.com • E-mail: info@blackbox.com

CONTENTS

Contents

Welcome

Introduction	2
Supplied items	3
Optional items	4

Installation

Connections	5
Mounting	5
Connections at the local module	6
Local module power	7
Connections at the remote module.....	8
Dual user configuration	10
Video display (DDC) information.....	11
Video sharpness adjustment	12

Operation

General use	13
Dual user arbitration.....	13
Peripheral operation	13

Further information

Getting assistance.....	14
Troubleshooting	14
Safety information	15
Radio Frequency Energy.....	16
Normas Oficiales Mexicanas (NOM) statement	17
Instrucciones de seguridad	17
BlackBox subsidiary contact details.....	19



CONTENTS

WELCOME

INSTALLATION

OPERATION

FURTHER
INFORMATION

Welcome



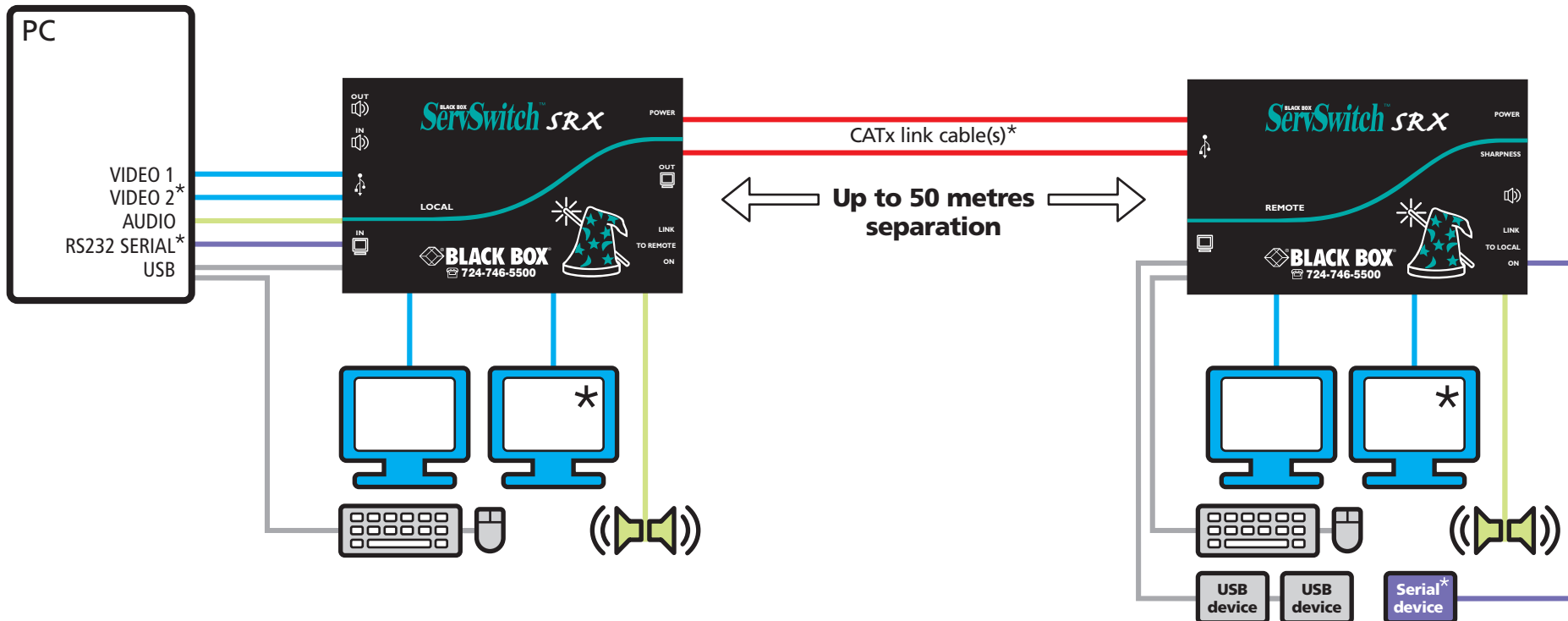
Introduction

Thank you for choosing the ServSwitch Wizard SRX extenders which provide a very effective way to put distance between your computer and its peripherals. The compact casings and ease of use of the Wizard SRX modules belie the ingenuity of their operation. Using our proprietary transmission techniques we are able to reliably transfer more signals than ever before along a single length of Category 5, 5e or 6 twisted pair cabling. What this means for you is that your video, audio, USB keyboard, USB mouse and two other USB channels are all readily and reliably available at up to 50 metres away.

Using the Wizard SRX extenders does not mean that you need to compromise on functionality in any way. Our highly efficient transmission methods mean that high video resolutions of up to 1920 x 1440 are supported together with CD quality digital sound that produces no crackles - even in the quietest interludes. The USB connections are seamless and thanks to our unique 'Bi-tripos' circuitry, four full speed USB 2.0 devices can be used simultaneously with full support for disconnect/re-connect at any time without causing errors.

The Wizard SRX extenders have been designed to be quick to install and totally transparent in operation. All connectors are industry standard and the video sharpness adjustments are made using a simple rotary dial.

Where two screens are required, a dual VGA variant provides double video channels in addition to full support for an RS232 serial device. So whether you are extending your workplace or creating a cost-effective distributed audio visual system, the Wizard SRX extenders provide the power and flexibility to create the right solution.

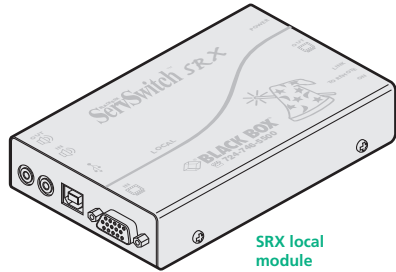


* Secondary video, RS232 serial and a second link cable are available only with the Wizard SRX Dual VGA variant

Supplied items



Wizard SRX standard extender modules

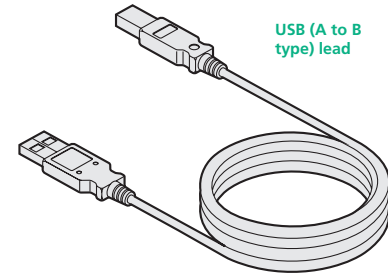


SRX local module

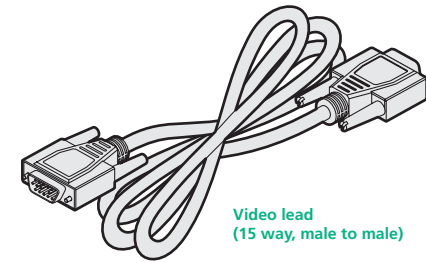


SRX remote module

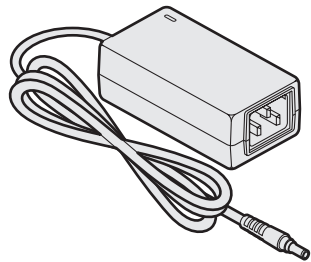
Rack mount plate for SRX standard module (useable for the local or remote modules)



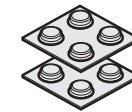
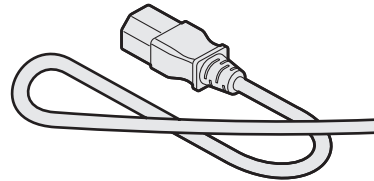
USB (A to B type) lead



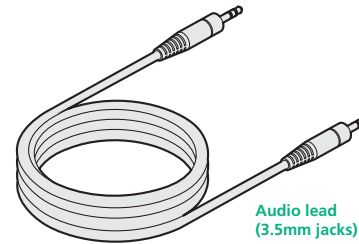
Video lead (15 way, male to male)



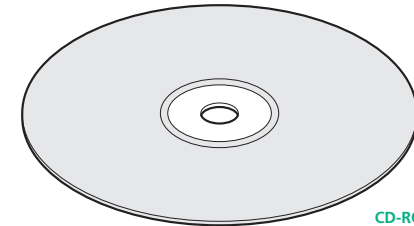
Power adapter and country-specific power lead (for remote module)



Self adhesive feet

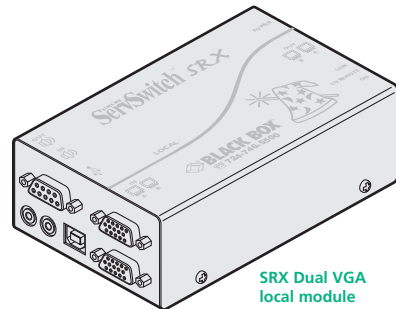


Audio lead (3.5mm jacks)

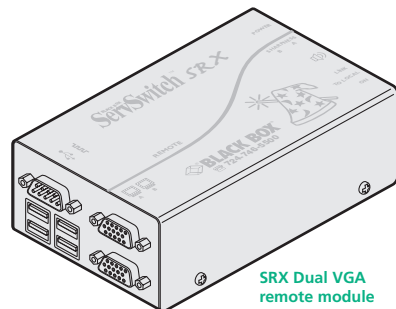


CD-ROM

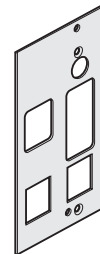
Wizard SRX dual VGA variant extender modules



SRX Dual VGA local module

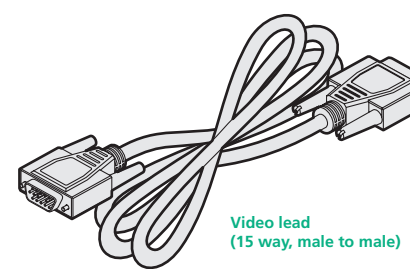


SRX Dual VGA remote module

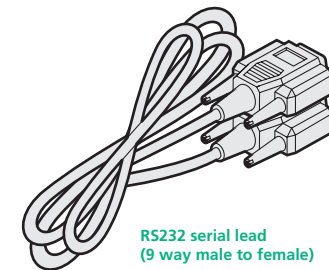


Rack mount plate for SRX dual VGA module (useable for the local or remote modules)

The Dual VGA variant package includes all of the above ancillary items plus:



Video lead (15 way, male to male)



RS232 serial lead (9 way male to female)

CONTENTS

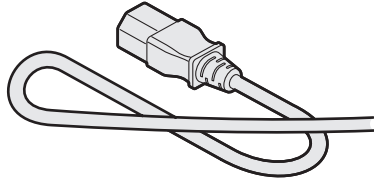
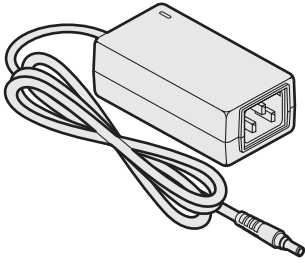
WELCOME

INSTALLATION

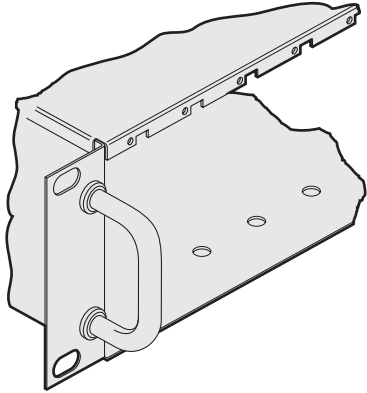
OPERATION

FURTHER INFORMATION

Optional items



Power adapter and country-specific power lead for local module (if USB powering not possible)



Rack mount chassis



CONTENTS

WELCOME

INSTALLATION

OPERATION

FURTHER INFORMATION

Installation



Connections

Installation of the SRX modules is straightforward with minimal configuration requirements in most cases.

- [Connections at the local module](#)
- [Connections at the remote module](#)

Important

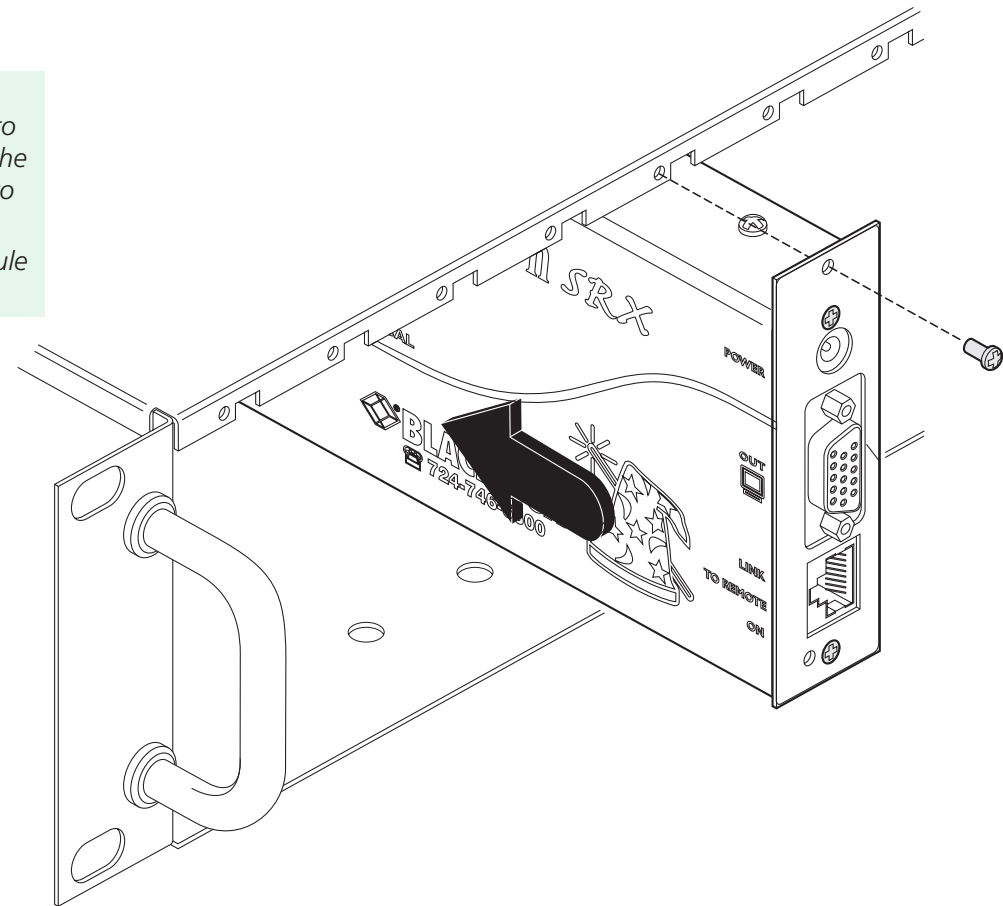
Do not attach a USB hub to the SRX remote, nor plug the SRX local module into another USB hub. To do so will reduce the maximum cable length over which the system will extend USB; also, some USB hubs may not provide enough power to operate the local unit.

Do not use USB cables that are longer than 3 metres to connect the local module to the computer or to connect the remote module to the USB peripherals.

Mounting

The SRX modules offer two main mounting methods:

- Supplied four self-adhesive rubber feet
- Rack mount brackets - see below



CONTENTS

WELCOME

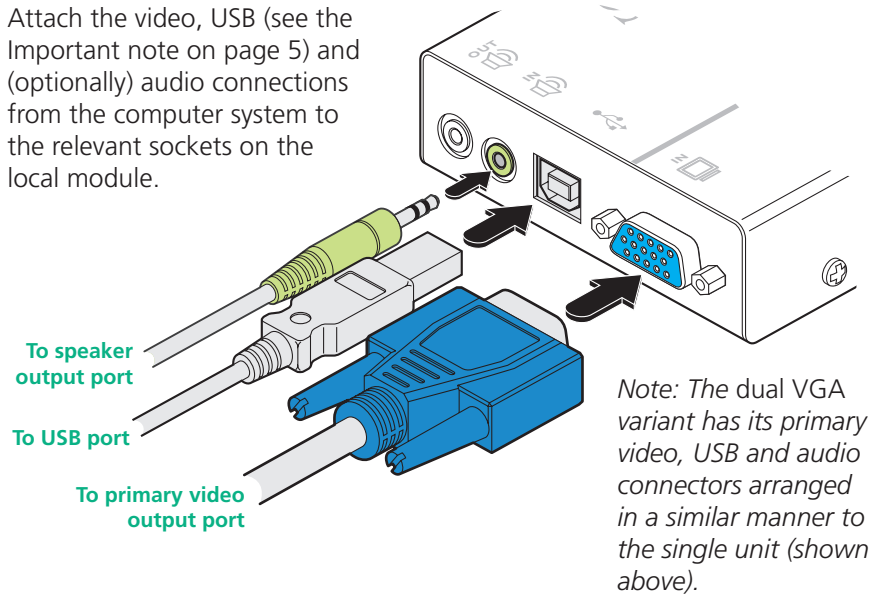
INSTALLATION

OPERATION

FURTHER INFORMATION

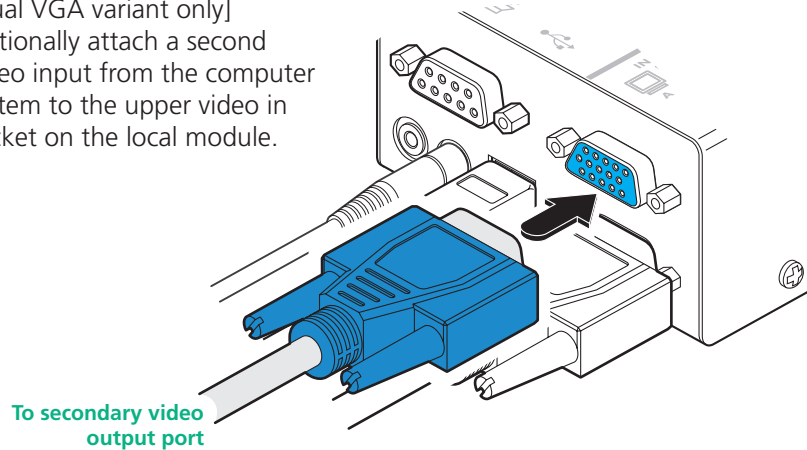
Connections at the local module

- 1 Where possible ensure that power is disconnected from the computer system to be connected.
- 2 Attach the video, USB (see the Important note on page 5) and (optionally) audio connections from the computer system to the relevant sockets on the local module.

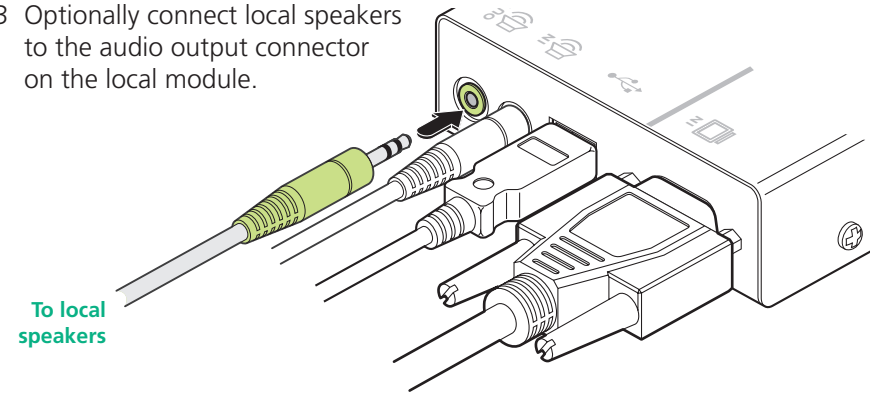


Note: Do not use a USB cable that is longer than 3 metres to connect the local module to the computer system.

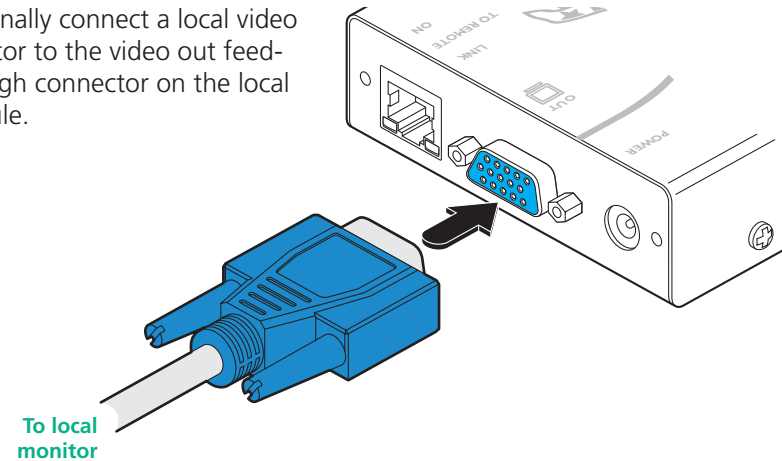
[Dual VGA variant only]
Optionally attach a second video input from the computer system to the upper video in socket on the local module.



- 3 Optionally connect local speakers to the audio output connector on the local module.



- 4 Optionally connect a local video monitor to the video out feed-through connector on the local module.



[Dual VGA variant only]
Optionally attach a second video monitor to the upper video out socket on the local module.

