



BLACK BOX[®]

NETWORK SERVICES

CATx KVM Extender with Built-in DeSkew USB



Wizard USB Extender (ACU5050A)
Left: Local Unit; right: Remote Unit



Rackmount Chassis for ServSwitch™ Wizard
KVM Extender (ACU5000A)

Key Features

- ▶ Transparent USB 1.1 protocol extension for more flexibility with peripherals.
- ▶ A single CATx cable carries USB and VGA signals up to 120 metres for tidy installations.
- ▶ Clear image at high resolutions over full distance.
- ▶ Additional bidirectional stereo audio capabilities over a second CATx cable.
- ▶ Mounts easily into the 19" (48.3-cm) chassis of the existing Wizard Extender (ACU5000A).
- ▶ True DDC support for ease of use with plug-and-play CRTs/LCDs.
- ▶ Warranty — 1 Year

USB and VGA over a single CATx cable

The new Wizard USB Extender combines computer video (VGA) high-resolution extension with high-speed data extension for distances up to 120 metres over a single CAT5, CAT5e or CAT6 (CATx) cable!

High image quality

VGA supports skew-less CATx cable resolutions up to 1600 x 1200 @ 75 Hz in crystal-clear quality. For cables with more skew and high resolution over long distances, use the external skew compensation module (ACU5100A).

The image quality can easily be personalised within seconds via two DIP switches and a recessed pot adjuster.

Transparent USB 1.1

The Wizard USB Extender is compatible with USB 1.1. It can run at up to 12 Mbps down the link at full distance.

As it is transparent, it does not require any driver installation on the attached PC or sever. USB compatible devices such as memory sticks, keyboards or mice are recognised by the USB host as though it were connected directly to the host.

The remote unit has a built-in 4-Port USB Hub, allowing up to 4 USB peripherals to be connected to it.

Stereo audio sound

Additionally, the Wizard USB Extender provides bidirectional stereo audio extension. Therefore, a second CATx cable link is required.

Applications

The combination of VGA and USB extension offers a variety of new options.

Security

Not only can the Wizard USB extender be used for standard KVM extension, but the integrated USB also allows additional attachment of storage devices such as floppy or CD-ROM drives for patching servers in secure environments.

High-end computing

New Sun® servers and workstations—which only provide USB interfaces for peripheral access (keyboard/mouse)—can now be operated from a noise-free environment.

The same principle applies to Apple® workstations in DTP or broadcasting studios.

The Wizard USB Extender also shuts out noise and reduces space needs at the KVM site.

TECH SPEC

Local Unit:

Connectors — (1) USB Type B, (1) DB15 F (VGA), (2) 3.5-mm stereo audio jacks (colour-coded), (1) 2.1-mm power jack, (2) RJ-45 F
Size — 76H x 26W x 165D mm

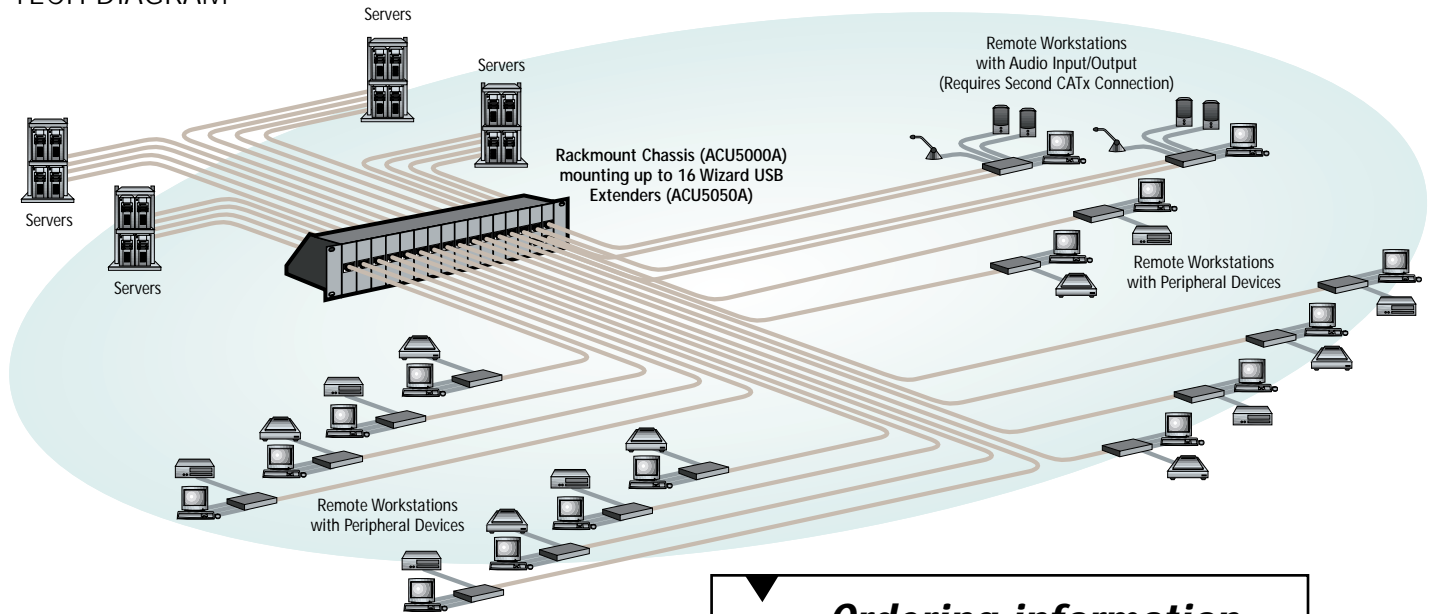
Remote Unit:

Distance (Maximum) — 120 m
Resolution (Maximum) — 1600 x 1200 @ 75 Hz
Connectors — (4) USB Type A F, (1) DB15 F (VGA), (2) 3.5-mm stereo audio jacks (colour-coded), (1) 2.1-mm power jack, (2) RJ-45 F
Power — External 100–240 VAC, 50–60 Hz, 0.4 A/5 VDC, 2 A
Size — 76H x 26W x 165D mm

WHAT'S INCLUDED

- (1) Local Unit
- (1) Remote Unit
- (1) power supply (5 VDC) plus mains cable
- (1) CD-ROM containing a user's manual
- (1) USB Type A–B cable
- (1) 3.5-mm audio cable
- (1) VGA cable

TECH DIAGRAM



Ordering information

ITEM	CODE
Wizard USB Extender	ACU5050A
19" Rackmount Kit for up to 16 units	ACU5000A
Wizard DeSkew Module	ACU5100A

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