

# ServSwitch DKM Quick Start Guide

Table 3-1. Component descriptions.

Number	Description
1	Source (computer, CPU)
2	CPU Unit
3	Interconnect cable
4	CON Unit
5	Console (monitor, keyboard, mouse)

## 4. DDC Information Download

By default, data from the internal DDC list is reported to the source (computer, CPU). If these settings do not work properly, you can download and store the console monitor's DDC information internally. The devices must be configured accordingly.

On all KVM Extenders with USB-HID support, users can load the console monitor's DDC information by using keyboard commands.

1. Enter Command Mode with the "hotkey."
2. Press the <a> key to download the console monitor's DDC information.

The screen will go black for a short time.

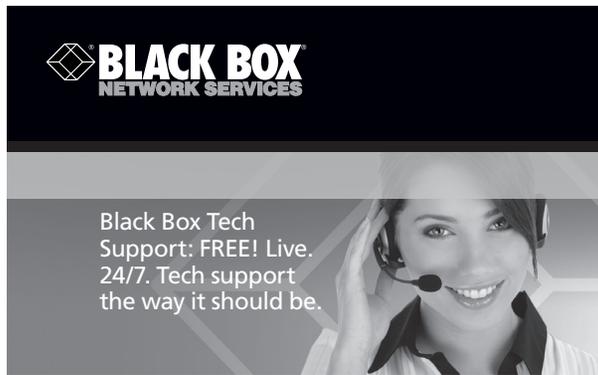
Command Mode is now closed, and the keyboard LEDs return to previous status.

This re-adjusts the video mode and should give you optimal screen quality. The CPU should now show the console monitor as the current screen, together with the available video resolutions.

The DDC information of the console monitor was loaded once.

To re-load the DDC information, repeat the operation.

During DDC transfer, the status LEDs on both CON and CPU units flash while reading (CON unit) and copying (CPU unit) information.



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ACX1T Quick Start Guide, rev. 1



ServSwitch™ DKM Compact Extenders

## Quick Start Guide

Increase the distance between a source (computer, CPU) and its console (keyboard, monitor, and mouse) and other peripheral devices.



### 1. What's Included

Your packages should contain the following items. If anything is missing or damaged, contact Black Box Technical Support at 724-746-5500 or [info@blackbox.com](mailto:info@blackbox.com).

- DKM Compact Extender CPU Unit
- DKM Compact Extender CON Unit
- (2) 5-VDC international power supply units

- (1) country-specific power cord
- This printed Quick Start Guide

## The Single-Head devices also include:

- DVI video cable (6 ft. [1.8 m], DVI-D, male to male)



Figure 1-1. DVI video cable.

- (1) USB cable (6 ft. [1.8 m], Type A to Type B)



Figure 1-2. USB cable.

## The Dual-Head devices also include:

- DVI video cable (6 ft. [1.8 m], DVI-D male to male)



Figure 1-3. DVI cable.

- USB cable (6 ft. [1.8 m], Type A to Type B)



Figure 1-4. USB cable.

## The Analog Audio/Serial option also includes:

- Serial cable (6 ft. [1.8 m], RS-232 male connector)



Figure 1-5. Serial cable.

- Stereo jack cable (5.2 ft. [1.6 m], 3.5-mm male connector)



Figure 1-6. Stereo jack cable.

## The Digital Audio option also includes:

- RCA cable (8.2 ft. [2.5 m], Cinch male connector)



Figure 1-7. RCA cable.

- TOSLINK® cable (6 ft. [1.8 m], F05 male connector)



Figure 1-8. TOSLINK cable.

## The USB-HID Add-on option also includes:

- USB cable (6 ft. [1.8 m], USB Type A to Type B)



Figure 1-9. USB cable.

## The USB 2.0 Add-on option also includes:

- USB cable (6 ft. [1.8 m], USB Type A to Type B)



Figure 1-10. USB cable.

## The VGA option also includes (instead of DVI-D):

- VGA cable (6 ft. [1.8 m], VGA male to DVI-I male)



Figure 1-11. USB cable.

- Infrared remote control

## 2. System Setup

*NOTE: If you are a first-time user, we recommend that you set up the system as a test setup. This will enable you to identify and solve any cabling problems, and experiment with your system more conveniently.*

1. Switch off all devices.

## CON Unit installation

2. Connect your monitor(s), keyboard and mouse to the CON Unit.
3. Connect the CON Unit with the interconnect cable(s).
4. Connect the 5-VDC power supply to the CON Unit.

## CPU Unit Installation

5. Connect the source (computer, CPU) with the supplied cables to the CPU Unit. Make sure the cables are not strained.
6. Connect the CPU Unit to the interconnect cable(s).
7. Connect the 5-VDC power supply to the CPU Unit.
8. Power up the system.

*NOTE: To power up the system, we recommend the following sequence: Monitor – CON Unit – CPU Unit – source.*

## 3. System Overview

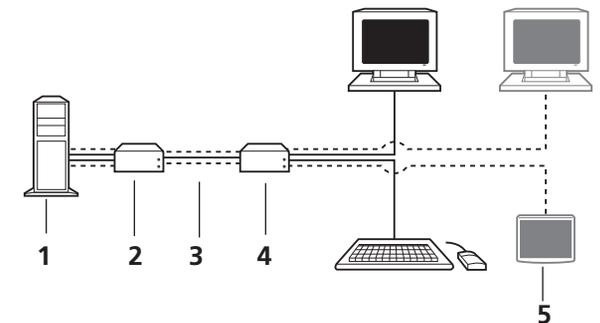


Figure 3-1. System components.