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Quick Start Guide

CAT5 KVM Extender

Model: B013-330



Transmitter – PC/KVM Module with Local Console Ports



Receiver – Remote Console KVM



Tested To Comply With FCC Standards



Introduction

The B013-330 CAT5 KVM Extender Set utilizes CAT5 cabling to extend your computer's keyboard, monitor and mouse control up to 100 m (330 ft.) away.

The CAT5 KVM Extender Set comprises two units—The Transmitter (Local Unit) and the Receiver (Remote Unit). The Transmitter Unit contains local console ports, allowing the user to have both a local and a remote console.

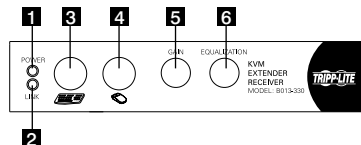
The B013-330 Receiver contains Gain and Equalization knobs that allow the user to manually adjust the video parameters of the remote console. Users can easily optimize the video screen output via these mechanical knobs.

Package Contents

- Transmitter Unit (PC/KVM Module with Local Console Ports)
- Slim 3-in-1 PS/2 KVM Cable – 3 ft.
- Quick Start Guide
- Receiver Unit (Remote Console)
- Power Adapter (DC9V 1A) for Receiver Unit
- USB Cable – 4 ft.

Front & Rear View

Receiver Unit – Remote Console Module



Receiver Unit (Front Panel)

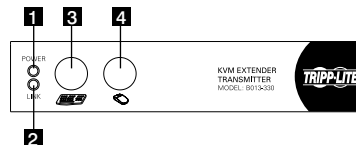
- 1** Red Power LED
- 2** Green Link LED
- 3** PS/2 Keyboard Port
- 4** PS/2 Mouse Port
- 5** Gain Adjustment Knob
- 6** Equalization Adjustment Knob



Receiver Unit (Back Panel)

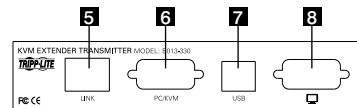
- 7** Power Adapter Receptacle (DC9V, 1A)
- 8** CAT5 Extension Port, RJ45 (Female)
- 9** Monitor Port (HDB15)

Transmitter Unit – PC/KVM Module with Local Console Ports



Transmitter Unit (Front Panel)

- 1** Red Power LED
- 2** Green Link LED
- 3** PS/2 Keyboard Port
- 4** PS/2 Mouse Port



Transmitter Unit (Back Panel)

- 5** CAT5 Extension Port, RJ45 (Female)
- 6** Local PC/KVM Port (integrated with PS/2 keyboard, mouse and video interface)
- 7** Local PC/KVM USB port (Type B)
- 8** Monitor port (HDB15)

Preparation Before Installation

Before you install the B013-330 CAT5 KVM Extender Set, you should have these items on the checklist ready:

1. PC/KVM with either PS/2 or USB keyboard, mouse and monitor ports.
2. Check that the display mode of the computer is no larger than 1600 x 1200 pixel dimensions and set the refresh rate to be one that is more commonly used, such as 60Hz.
3. The B013-330 CAT5 KVM extender supports only standard 5-key mouse and keyboard; more advanced mouse/keyboard functions will not be supported by CAT5 extension.
4. Tripp Lite N001, N002 or N105 Series cables. Note that shielded cable (N105 Series) could give better video for longer extensions.
5. Choose a routing for the CAT5 cable that is as short as possible and avoids machinery, light ballasts and anything else that could generate electrostatic interference.
6. Prepare the PS/2 keyboard, PS/2 mouse and monitor that will be connected to the Receiver Unit and/or the Transmitter Unit.
7. There should be an available power outlet near the remote console unit.
8. Turn off all computers before connecting the B013-330 CAT5 KVM Extender Set.

Out-of-the-Box Installation

Plan the Layout Path and Deploy the CAT5 cable

Step 1: Lay out the CAT5 cable according to your planned path.

Configuring the Transmitter Unit

Step 2: Connect one end of the CAT5 cable to the RJ45 port of the Transmitter Unit.

Step 3: Connect the Transmitter Unit to the PC/KVM using the Slim 3-in-1 PS/2 KVM cable and/or a USB cable. (Note that if you are using a USB interface, you should connect to the PC/KVM's VGA port using the HDB15 connector of the Slim 3-in-1 PS/2 KVM Cable. Instead of using the PS/2 connectors of the KVM Cable, connect a USB cable from the Transmitter Unit's USB port to the PC/KVM's USB port). The Transmitter Unit is powered through the connector interface with the computer.

Step 4: Set up Local Console: Connect a keyboard, mouse and monitor to the Transmitter Unit's Console connectors.

Step 5: Power on the computer(s), and check the keyboard, mouse and video output on the Local Console to see if they are working properly. Everything should be working properly before you proceed to the following steps.

Configuring the Receiver Unit

Step 7: Connect the other end of the CAT5 cable to the RJ45 port of the Receiver Unit.

Step 8: Connect the power adapter to the Receiver Unit to power it up before connecting the keyboard, mouse and monitor.

Step 9 Set up the Remote Console: Connect a keyboard, mouse and monitor to the Receiver Unit's Console ports.

Step 10: Check the keyboard, mouse and video output on the Remote Console to see if everything works fine. At this point, the video may be blurry, requiring you to adjust the Gain and/or Equalization.

Step 11: Adjust the video Gain and/or Equalization level by turning the two mechanical knobs on the front-panel of the Receiver Unit.

Configuration Hotkeys

The B013-330 CAT5 KVM Extender Set provides configuration hotkeys that are available on the local console only, since the remote console might be located in a non-secured area where access may need to be restricted. With these hotkeys users can block or grant access from the remote console; or, they can put the remote console into view-only mode. If the user needs to use a different hotkey preceding sequence, it can be switched to one of 5 different hotkeys.

Local Console hotkeys—Hotkey Preceding Sequence

Change the hotkey preceding sequence to one of 5 choices using the sequence below:

Scroll + Scroll + H + (x) x = Scroll, CAPS, F12, NUM, Esc

Toggle Remote Console ON/OFF

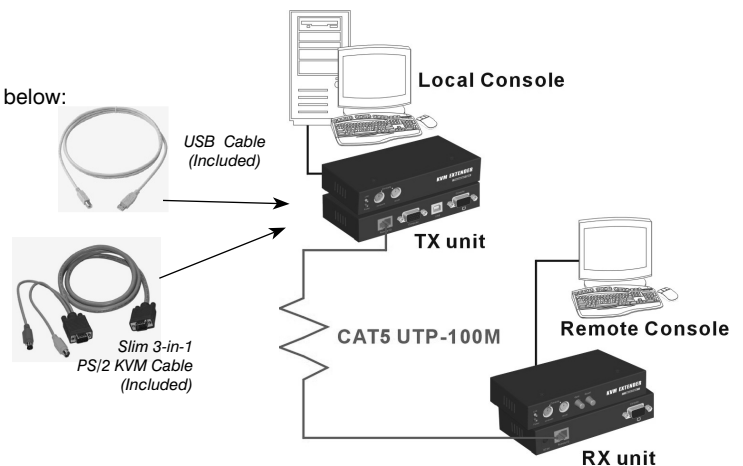
Turn Remote Console access On/Off using the following sequence:

Scroll + Scroll + S Power LED flashes in fast mode

Toggle Remote Console View Only ON/OFF

Turn the Remote Console View Only Mode On/Off using the following sequence:

Scroll + Scroll + K Power LED flashes in slow mode



CAT5 KVM Extender Configuration Diagram

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1111 W. 35th Street, Chicago, IL 60609 USA
(773) 869-1234 • www.tripplite.com