

# MASTERCONSOLE<sup>®</sup> DIGITAL

## Frequently Asked Questions

### Question

### Answer

#### MasterConsole Digital KVM Switch (MCD)

**What is the MasterConsole Digital KVM switch (MCD)?**

Raritan's MasterConsole<sup>®</sup> Digital KVM switch (MCD) consolidates access and control of multiple servers with a single or dual console. It features KVM ports for 8, 16, or 32 servers and can be cascaded two levels to support up to 1,024 connections. MCD switches use standard Category 5/6/6e unshielded twisted-pair (UTP) cables for connecting computers.

The MCD is available as a single-user switch (MCD-108/MCD-116) and a dual-user switch (MCD-216/MCD-232). The two-user models provide additional USB ports for connecting a second USB keyboard and mouse, and a second DVI-I port for connecting another monitor. MCD is also supports stereo audio by using MCD VGA combo cables or MCD HDMI CIMs.

MCD KVM switches support the latest digital video user interfaces — DVI, HDMI, and DP video inputs. Maximum video resolution is supported up to 1920x1200 @75Hz (via MDUTP cables), 1920x1080 (via MDCIMs) in 150 feet thru UTP cable connection by MasterConsole Digital CIMs (MDCIMs) or MasterConsole KVM combo cables(MDUTP).

MCD KVM switches provide a friendly OSD (On-Screen Display) interface and hotkeys to access to connected computers.

**What is the size of the MasterConsole Digital?**

The MCD is only 1U in height and fits in a standard 19" rack.

**What are the MasterConsole Digital Components?**

MasterConsole Digital consists of three components: the matrix switch (MCD-108/116 or MCD-216/232), Computer Interface Modules (MDCIMs), and VGA KVM Combo cables (MDUTPs). Both connect to the keyboard, video (DVI/HDMI/DP) and mouse ports of each server and provide fail-safe server access with Raritan's dedicated keyboard/mouse emulation.

**What interfaces does the MasterConsole Digital support?**

MasterConsole Digital supports audio, USB keyboards and mouse interfaces, HDMI/DVI/DP digital video inputs via MDCIMs and analog VGA video via MDUTP cables.

**How to extend the user console of MasterConsole Digital?**

You can connect MasterConsole Digital's user console thru Raritan's Cat5 Reach DVI to extend the user console up to 500 feet with 1080P video resolution.

This is beneficial to anyone who would like "lights-out" access to the server room.

**How to support audio on MasterConsole Digital**

You can connect an earphone or a speaker to the 3.5mm audio jack at MasterConsole Digital's user console. Connect the MDCIM-HDMI or MDUTP cables to the server.

**What types of servers does MasterConsole Digital support?**

MS-DOS, Windows<sup>®</sup> 7/8/8.1/10, Linux<sup>®</sup> (Red Hat, Novell<sup>®</sup> Suse), Macintosh<sup>®</sup> OS9, OSX and SCO UNIX<sup>®</sup>.

Can Dominion® CIMs, MCIMs, or MCUTP cables work with MasterConsole Digital?

No, these accessories are not compatible with MasterConsole Digital.

Does MasterConsole Digital support USB keyboards with USB hub function such as Sun type 7 keyboard or Mac wired keyboard?

MasterConsole Digital does not support USB keyboards with USB hub functions.

Does MasterConsole Digital KVM switches work with Raritan's T1700-LED and T1900-LED?

Yes, we recommend the use of Raritan's T1700-LED and T1900-LED LED backlit KVM consoles for at-the-rack access or you can purchase our 17" LED backlit LCD KVM switch (MCD-LED) which integrate 17-inch LED backlit LCD rack console with MCD CAT5 KVM switches.

## KVM Switch and LCD Console Drawer Combo (MCD-LED)

What is the 17" LED backlit LCD KVM switch and console drawer combo (MCD-LED)?

The 17" LED backlit LCD KVM switch and console drawer combination (MCD-LED) is a 17-inch LED backlit LCD rack console and CAT5 KVM switch integrated into a single rack access solution for SMB and server room environments.

MCD-LED is available in two models: MCD-LED17108 (8-port) and MCD-LED17116 (16-port). Both models allow one user access servers via independent KVM sessions at the rack. User can employ MasterConsole Digital Computer Interface Modules (MDCIMs) connectors for distances up to 150 feet in 1080P video resolution. If servers are local, users can employ MDUTP cable — the next generation UTP combo cable available from Raritan's mature CAT5 technology.

MCD-LED supports Windows®, Linux®, and Mac® Operating Systems.

MCD-LED also supports cascading, with MCD KVM switches as the second tier to control up to 512 servers.

What is the size of the MCD-LED LCD KVM switch?

MCD-LED is only 1U in height and fits in a standard 19" rack.

What type of display is used with the MCD-LED?

It's a 17 inch Grade A TFT panel display.

What interfaces does the MCD-LED support?

MCD-LED supports USB keyboards and mice interfaces and VGA, DVI, HDMI, Display Port video interfaces.

What types of servers does MCD-LED support?

MS-DOS, Windows® 7/8/8.1/10, Linux® (Red Hat, Novell® Suse), Macintosh® OS9, OSX and SCO UNIX®.

Can MCD-LED use MDUTP cables to connect servers at the rack?

Yes, MCD-LED is fully compatible with MDUTP cables. We recommend using MDUTP cables to connect to servers at the same rack. For longer distances, you can also use Raritan MDCIMs.

What is an MDUTP cable?

The MDUTP cable is the new generation UTP KVM combo cable for MCD models. It integrates Raritan's VGA CIM and UTP cables together as one single cable and with stereo audio support.

The installation is much easier than using CIMs. It is also easy for cabling and maintenance purposes.

How many types of interfaces does an MDUTP cable have?

MDUTP cable only supports VGA video interface. There are four different lengths (6 feet, 12 feet, 18 feet and 45 feet) of cables to choose.

I don't want to use the Scroll Lock key as my hot key. What are my options?

The hot key can be easily changed to the Num Lock or Caps Lock, or Scroll Lock. When in hot-key mode, touch the desired new hot-key activator followed by the Enter key.