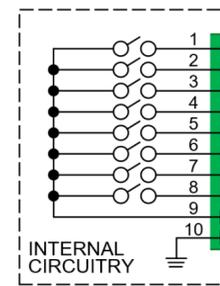


QUICK-START GUIDE

As used with *Thinklogical's*
Q-Series & TLX
Video Extension Systems

With VQM-HA6, VQM-10AV+, VQM-U1 and TLX-D20 Transmitter & Receiver Modules

TLX48 2RU 10G MATRIX SWITCH



TLX48 Matrix Switch Critical Hardware Alarms:

- POWER SUPPLY 1 (LEFT): Fan failure, temp. spikes, DCV-current range, AC PWR interrupt, module removed
- POWER SUPPLY 2 (RIGHT): Fan failure, temp. spikes, DCV-current range, AC PWR interrupt, module removed
- FANS: Individual fan monitoring
- TEMPERATURE WARNING: Chassis over temperature, multiple sensors
- TEMPERATURE SHUTDOWN: Chassis over temperature causing shutdown
- CPU: Card failure (Only with a redundant card)
- INPUT/OUTPUT CARDS: SFP+ failure, laser output fault
- ANY OF THE ABOVE
- COMMON
- GROUND

Red LED lit for "ANY OF THE ABOVE" alarm condition

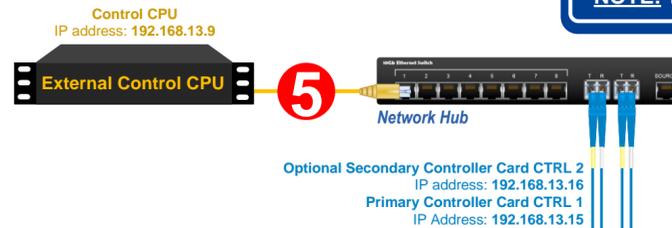
Thinklogical's CHS4 Modular Extender Chassis can accommodate either two, three or four modules (depending on the model) in any combination of Transmitter, Receiver or both. The CHS4 Modular Extender Chassis will also accommodate up to four Q-Series Transmitter and Receiver Modules. Ask your sales representative for more information or visit us on the web at www.thinklogical.com

MATRIX SWITCH:

STEP 5: Connect the **TLX48** Controller Cards' LAN Ports to the Controller CPU with fiber-optic (or available CAT5) cables. (CPU IP address: 192.168.13.9)

STEP 6: (Final step) Connect the supplied **AC Power Cord(s)** (PWR-000006-R) to the receptacles located on the **TLX48's** power supplies. Plug each cord into a standard AC source.* Verify that all system functions are operating properly.

Thinklogical's TLX48 2RU 10G Matrix Switch features redundant Power Supplies and Controller Modules for uninterrupted performance, even during system reconfiguration, updates or debug. The TLX48 2RU remains fully functional with only one Power Supply installed or with one Controller activated. Fiber or copper LAN ports available. **NOTE:** When using a single Controller, the lower module (Primary) must be used.

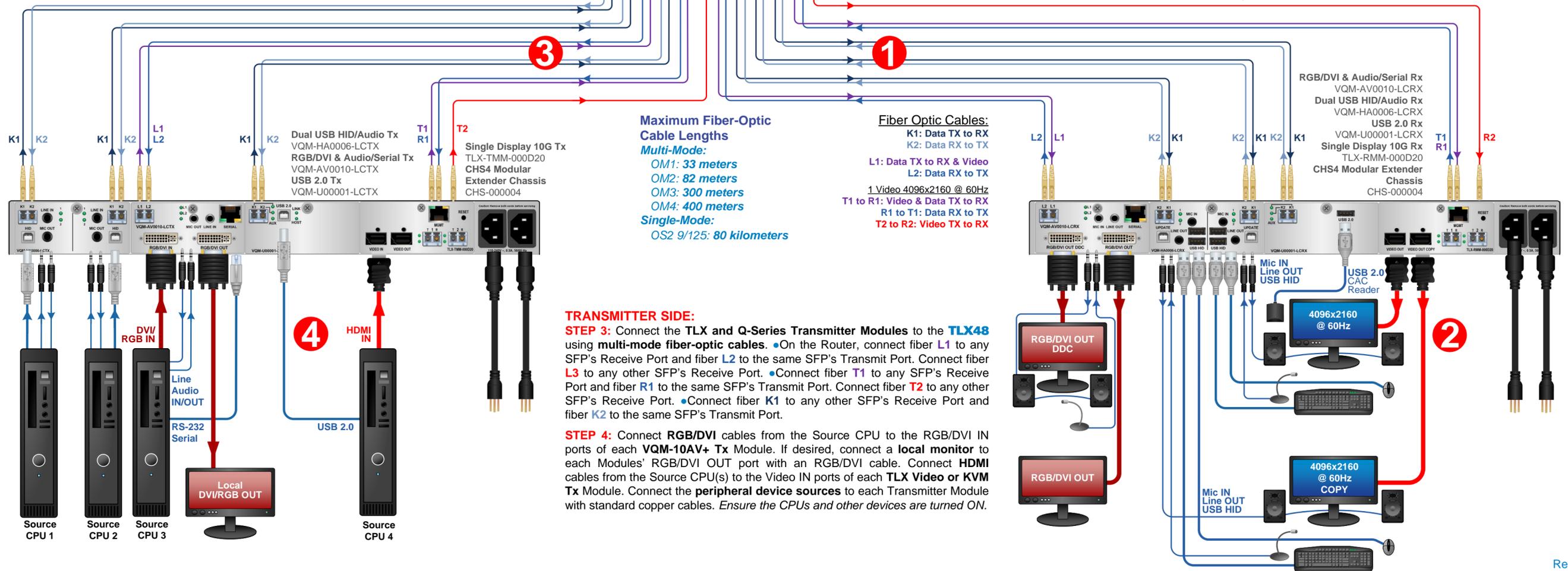


TLX48 2RU Matrix Switch
TLX-MS-02M048
2 RU, 150 Watts
Data I/O Cards (2)
TLX-MSD-M00024
Controller Cards (2)
TLX-MSM-C2M048

RECEIVER SIDE:

STEP 1: Connect the **TLX** and **Q-Series** Receivers to the **TLX48** using multi-mode fiber-optic cables. On the Router, connect fiber **L1** to any SFP's Transmit Port and fiber **L2** to the same SFP's Receive Port. Connect fiber **L3** to any other SFP's Transmit Port. Connect fiber **R1** to any SFP's Transmit Port and fiber **T1** to the same SFP's Receive Port. Connect fiber **R2** to any other SFP's Transmit Port. Connect fiber **K1** to any other SFP's Transmit Port and fiber **K2** to the same SFP's Receive Port.

STEP 2: Depending on your configuration, connect your peripheral devices (monitors, audio, USB, etc.) to the **Receivers** using standard copper cables as shown in the examples below. Ensure all the devices are ON.



*Only use appropriately rated power cords with a grounding connection!

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