Manuals+ — User Manuals Simplified.

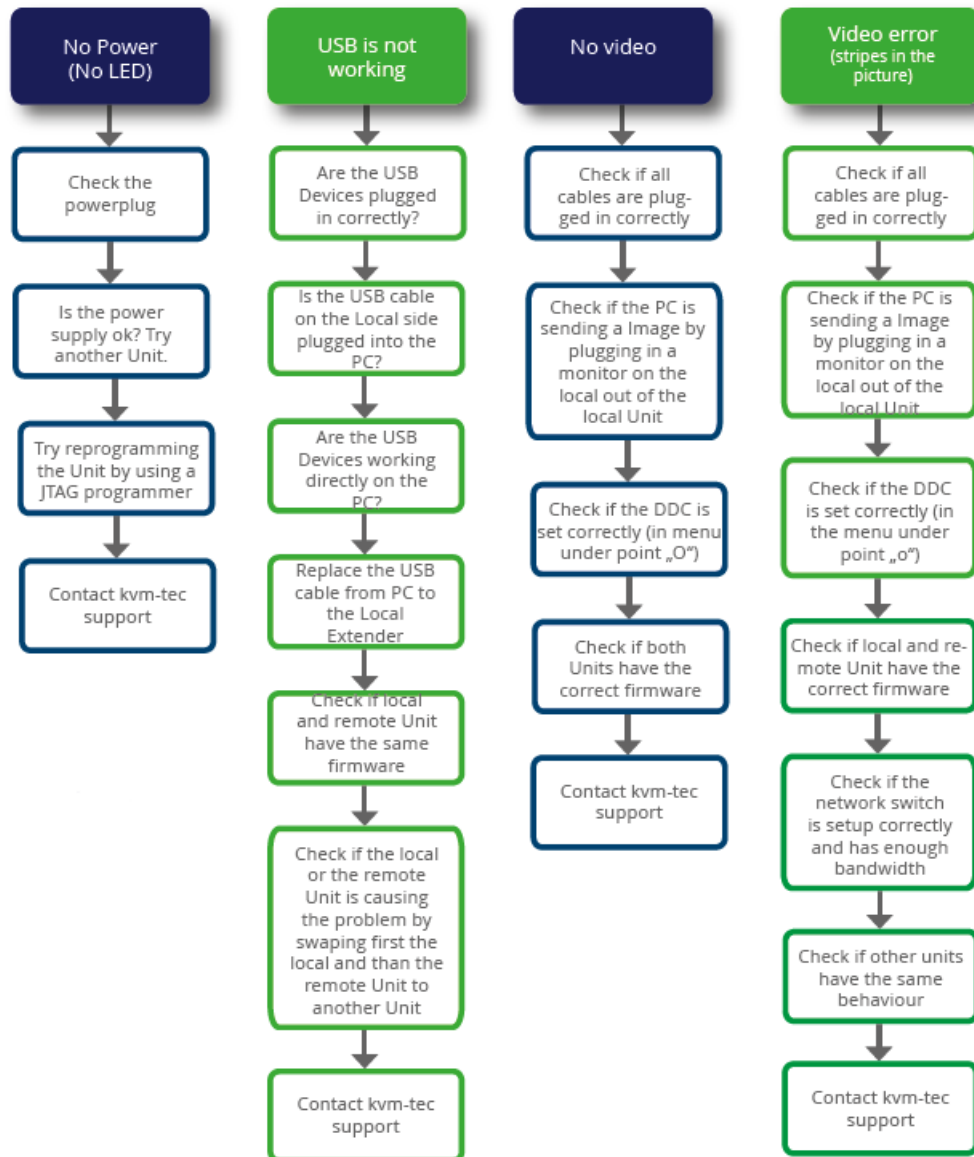# kvm-tec KT-6936 media4Kconnect KVM Extender over IP Installation Guide

Contents

kvm-tec KT-6936 media4Kconnect KVM Extender over IP Installation

media4Kconnect Special with RS232 & sound

4K DP 1.2 uncompressed

No Power (No LED)
- Check the powerplug
- Is the power supply ok? Try another Unit.
- Try reprogramming the Unit by using a JTAG programmer
- Contact kvm-tec support

USB is not working
- Are the USB Devices plugged in correctly?
- Is the USB cable on the Local side plugged into the PC?
- Are the USB Devices working directly on the PC?
- Replace the USB cable from PC to the Local Extender
- Check if local and remote Unit have the same firmware
- Check if the local or the remote Unit is causing the problem by swaping first the local and than the remote Unit to another Unit
- Contact kvm-tec support

No video
- Check if all cables are plugged in correctly
- Check if the PC is sending a Image by plugging in a monitor on the local out of the local Unit
- Check if the DDC is set correctly (in menu under point „O")
- Check if both Units have the correct firmware
- Contact kvm-tec support

Video error (stripes in the picture)
- Check if all cables are plugged in correctly
- Check if the PC is sending a Image by plugging in a monitor on the local out of the local Unit
- Check if the DDC is set correctly (in the menu under point „o")
- Check if local and remote Unit have the correct firmware
- Check if the network switch is setup correctly and has enough bandwidth
- Check if other units have the same behaviour
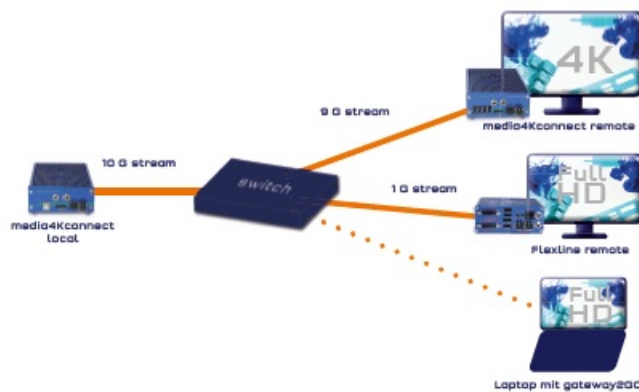- Contact kvm-tec support

HAVE FUN – Your kvm-tec Extender is now in use for many years (MTBF approx. 10 years)!

1. Connect the CON/Remote and the CPU/Local Unit with the supplied 12V 2A power supply.
2. Now connect the USB cable to a USB socket of your PC and connect the other end of the USB cable to the Local Unit. Connect the keyboard and mouse to the Remote Unit.
3. Connect the Local and the Remote Unit with a network fi ber cable.
4. Connect the DP cable to the DP socket of the PC to the DP socket DP/in of the Local device and connect the screen on the remote side with the DP cable.
5. Connect the Audio cable from PC to Local Extender and connect the Audio cable from Remote Extender to Speaker
6. Connect the Audio Cable from Microphone to Remote Extender and connect the Audio cable from Local Extender to PC.

Duplex multimode OM4-fiber cable (LC) up to 300m/984 ft main link 1
Duplex multimode OM4-fiber cable (LC) up to 300m/984 ft main link 2
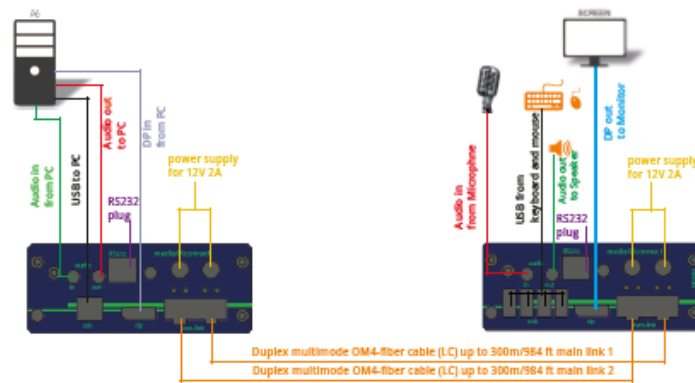
MEDIA4KCONNECT IN THE SIMULTANEOUS DOWNSCALING

4K sources can be displayed simultaneously in 4K and with downscaling in Full HD on the remote unit. The output of the stream is done at 4K over 10G bandwidth. Two streams are transmitted simultaneously, so the 4K stream has 9 GBIT and the second stream in Full HD 1 Gbit. The streams can be routed and shared independently and one source can be split to any number of screens. One user has full USB control (keyboard and mouse etc).

USING ON SCREEN MENU

Use the monitor and keyboard to access the main menu. Access to the main menu

1. Make sure that the extenders, monitors and computer are turned on
2. Press the Alt gr five times one after the other. The main menu and the overview of the submenus are displayed.
3. To access a submenu, press the corresponding key or navigate with the arrow keys up and down to the corresponding line and then press Enter key.
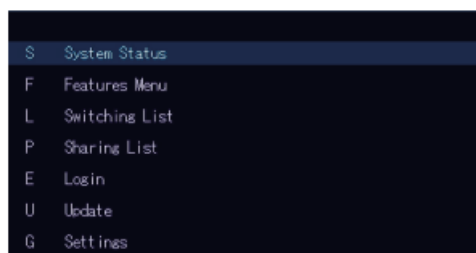
SCREEN „OSD menu"
In the main menu you can make the following settings by selecting the corresponding letters:
Press
S System status menu system status/ current status

F Features Menu activated features
L Switching List Switching List
P Sharing List Sharing List
E Login Login
U Update update firmware
G Settings settings

SYSTEM STATUS

By pressing the „S" key or by selecting the arrow keys, you access the status menu, where you will find information about hardware and software versions, as well as the activated upgrades The menu displays information about the connection, the resolution of the video channel and the USB status. The current Firmware version is displayed in the upper left corner. The link status indicates whether a connection is possible. Video and USB display data transfer status

SCREEN „System Status

1. The current version of the firmware can be downloaded from **http://www.kvm-tec.com/de/support**. Each update file contains a detailed description of the update process. For further information please refer to the update chapter
2. Connect the USB stick to the CON (REMOTE) Unit (wait a few seconds until the USB stick is connected to the CON Unit).
3. Then open the update menu with the „U" key.
4. Press the „ U" key to start the update on the remote (CON) unit.
5. Call the file with „S
6. The firmware is shown on the display under „Configuration found",
7. Press the „U" key to start the update on the remote (CON) unit
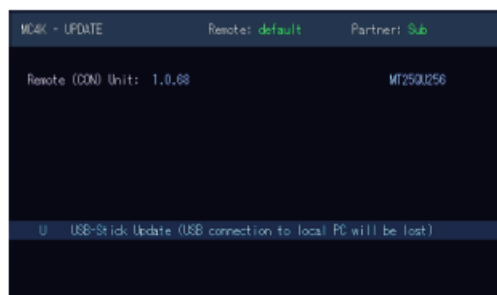

SETTINGS

By pressing the „G" key or selecting the arrow keys you will have access to the Settings menu, where you can access all Extender settings

FEATURES MENU FEATURES

Pressing the „F" key or selecting the arrow keys, you will access the FEATURES menu, where you can select all the functions and the features

- **P Point to point Mode on/off**
- **S Matrix Switching Mode**
- **E USB Emulation Mode**
- **U USB Save Feature**
- **V Uncompresed mode**
- **M Unlock Features – redundant oder uncompressed I'm Switching System**
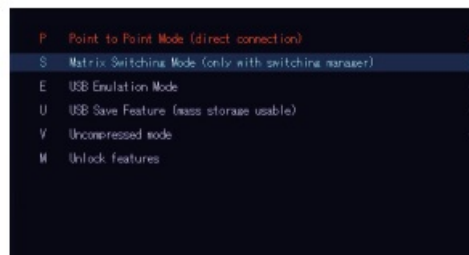
MATRIX SWITCHING SYSTEM

Pressing „S" takes you to the Matrix Switching System configuration. If this function is active, the Multiview Commander and Mouse Glide functions are controlled via the Switching Manager software (see Switching Manager manual). All functions of the switching system can be operated via the Switching Manager software.

With this link you can download the Switching Manager Software Manual downloaden: **www.kvm-tec.com/en/support/manual**

UNCOMPRESSED MODE
By pressing „V" you can enable and disable the Uncompressed Mode. Once this function is enabled, the KVM Extender will transmit up to 4K resolution uncompressed and in 10bit color depth. Please note that for this mode you need two 10G fiber lines between the remote and the local unit!

UNLOCK FEATURES REDUNDANT UNCOMPRESSED FOR SWITCHING SYSTEMS

In this menu you can also unlock the „Uncompressed" and „Redundancy" feature after purchasing your 4k KVM Extender. Order the unlock code for the desired feature from your supplier by providing the device ID and serial number of the 4k KVM Extender. By typing in the unlock code you unlock the desired feature. After unlocking, activate the desired feature in the feature menu.

ADRESS & PHONE/EMAILS

If you have any questions about our products, please contact kvm-tec or your dealer

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You can find our latest updates and FAQs on our homepage: **https://www.kvm-tec.com/support/overview-support/**

Documents / Resources

kvm-tec KT-6936 media4Kconnect KVM Extender over IP [pdf] Installation Guide
KT-6936, media4Kconnect, KVM Extender over IP, KT-6936 media4Kconnect KVM Extender over IP, media4Kconnect KVM Extender over IP, KVM Extender, Extender

References

- ◒ **TEC - Residential and Business Internet, Voice, and Security**
- **Technology leader made in Germany | IHSE - KVM & Beyond**
- **IHSE - KVM -IP KVM - KVM -IHSE**
- **Home - IHSE**
- 🌐 **Kvm-tec.com: KVM Extender over IP - Matrix Switching Systeme**
- 🌐 **Kvm-tec.com: KVM Extender over IP, kvm-tec overview support**