**Delivery Content**

**LOCAL/CPU Unit**
- 1 x Media4Kconnect redundant local (CPU)
- 2 x 12VDC 2A power supply
- 1 x DP-DP cable 1,8m/5.9ft
- 1 x USB A-B cable 1,8m/5.9ft
- 2 x SFP+Multimode up to 300m/984ft
  alt. 2 x SFP Single Mode up to 10km/6.2mi
- 4 x rubber feet

**REMOTE/CON Unit**
- 1 x Media4Kconnect redundant remote (CON)
- 2 x 12VDC 2A power supply
- 2 x SFP+Multimode up to 300m/984 ft
  alt. 2 x SFP Single Mode up to 10km/6.2mi
- 4 x rubber feet

---

**First Aid**

- 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?
  - Are the USB Devices working directly on the PC?
  - Replace the USB cable from PC to the Local Extender
  - Replace the USB Devices from PC to the Local Extender
  - 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 „0“)
  - Check if local and remote Unit have the same 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 menu under point „0“)
  - Check if local and remote Unit have the same firmware
  - Contact kvm-tec support

- Contact kvm-tec support

---

**Quick Installation**

- KT - 6935 SET media4Kconnect Special redundant
- KT - 6935L CPU/Local media4Kconnect Special redundant
- KT - 6935R CON/Remote media4Kconnect Special redundant

---

**manual download**

www.kvm-tec.com

or

kvm-tec Installationchannel on our homepage personally +43 2253 81912 - 30

---

**Support**

support@kvm-tec.com

Phone: +43 2253 81912 - 30

We are here for you to answer your questions about installation?

Manual download www.kvm-tec.com or

kvm-tec Installationchannel on our homepage personally +43 2253 81912

---

**Check out our Installation Channel:**
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 fiber 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.

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

4K sources can be displayed simultaneously in 4K and with downsampling 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 Menü"

In the main menu you can make the following settings by selecting the corresponding letters:

Press
- S System status
- F Features Menu
- L Switching List
- P Sharing List
- E Login
- U Update
- G 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 https://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.

Press
- G Settings

SCREEN "System Status"
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** Uncompressed mode
- **M** Unlock Features - redundant oder uncompressed im Switching System

SCREEN “Menu Features”

POINT TO POINT
Pressing "P" takes you to the point to point configuration. By default the Remote is directly connected to the Local.

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

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 MODE 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.

SCREEN "Menu Features”

POINT TO POINT
Pressing "P" takes you to the point to point configuration. By default the Remote is directly connected to the Local.

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

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 MODE 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.

kvm-tec electronic gmbh
Gewerbepark Mitterfeld 1A
2523 Tattendorf
Austria
Phone: 0043 (0) 2253 81 912
Email: sales@kvm-tec.com
Email: support@kvm-tec.com
Web: www.kvm-tec.com

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