



kvm-tec 6023L-F Masterflex Dual KVM Extender over IP Installation Guide

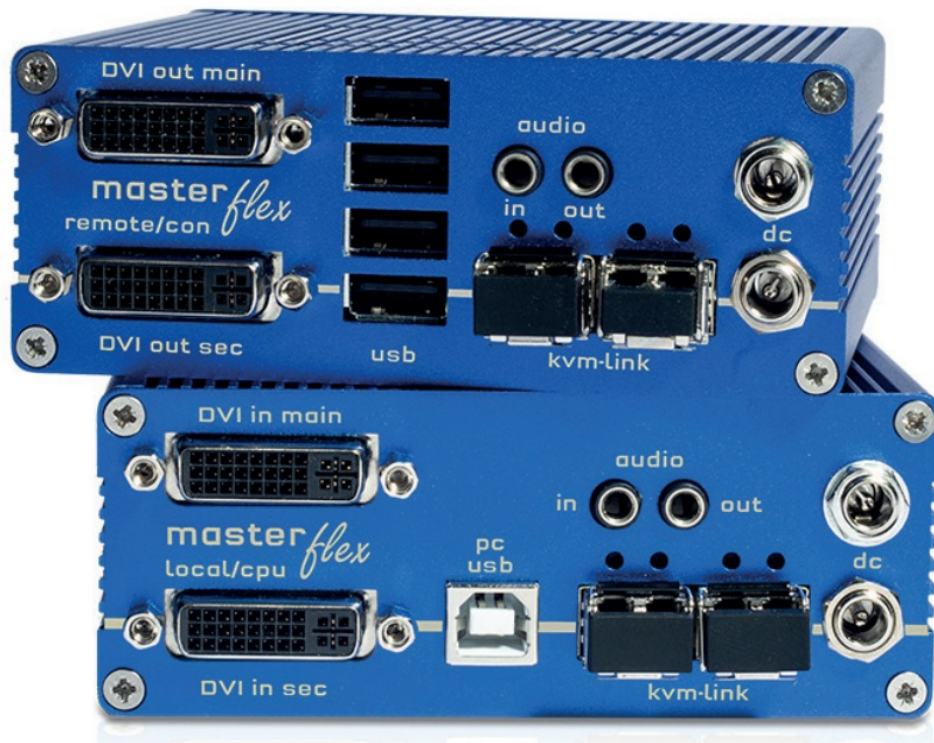
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kvm-tec 6023L-F Masterflex Dual KVM Extender over IP



First Aid MASTERflex

No Power (No LED)

- Check the powerplug
- Is the power supply ok? Try another Unit.
- 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?
- Check if local and remote Unit have the same firmware
- Replace the USB cable from PC to the Local Extender
- 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

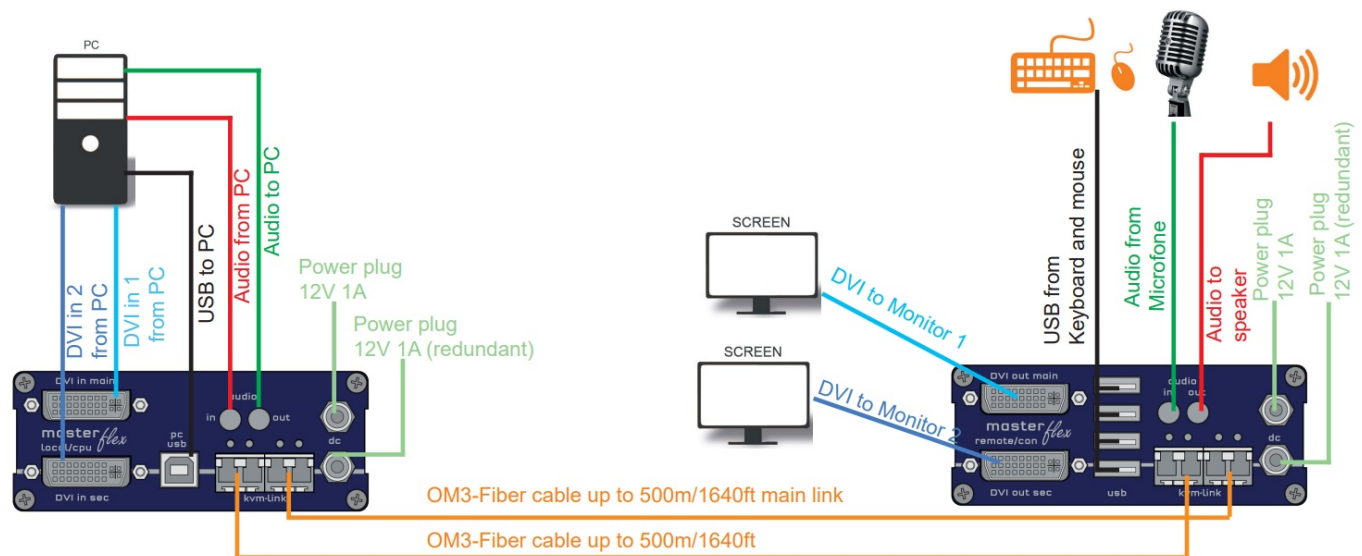
No Video

- 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 local and remote Unit have the correct firmware
- Check if the DDC is set correctly (in the menu under point „o“)
- Check if the network switch is setup correctly and has enough bandwidth
- Contact kvm-tec support

Quick Installation Masterflex Dual Fiber local / CPU – remote / CON

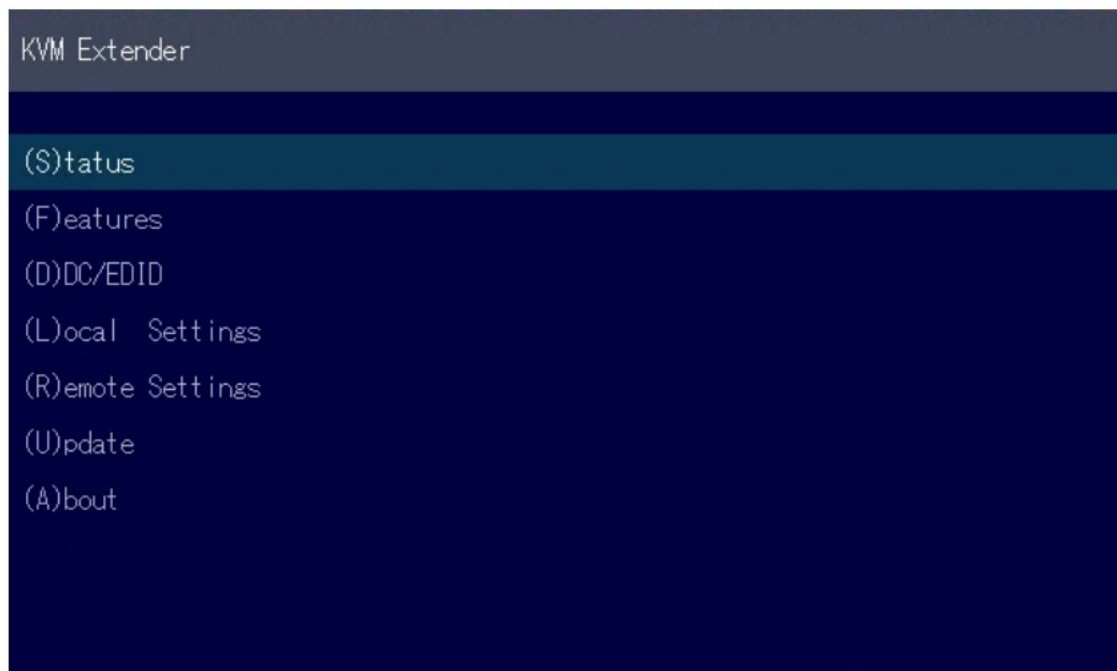


1. Connect the CON / Remote and the CPU / Local Unit to the included 12V 2A power supply.
 2. Now connect the USB cable to a USB port on your PC and connect the other end of the USB cable to the CPU / Local Unit.
Connect keyboard and mouse to the CON / Remote Unit.
 3. Connect the CPU / Local and the CON / Remote Unit with a network cable.
 4. Now connect the DVI cable to the DVI socket of the PC and the other end to the DVI socket of the CPU / Local Unit (PC-in).
 5. Now connect the DVI cable to the DVI socket of the PC and the other end to the DVI socket of the CPU / Local Unit (PC-in 2).
Then connect the monitor with the DVI cable to the CON / Remote Unit.
 6. Connect PC audio/out with the audio cable to local audio/in. Connect audio/out via the audio cable
 7. Almost done! Connect the audio cable local audio/out to the PC audio/in and remote audio/out with audio cable to the microphone
 8. Using a switch: Connect all endpoints to the switch. Ensure that all connections have a bandwidth of 1Gbit/sec.
For video sharing the network has to support IGMP snooping.
- HAVE FUN** – your kvm-tec Extender is now in use for many years (MTBF approx 10 years)

USING THE ON SCREEN MENU

- Use the monitor and keyboard to use the main menu.

- To access the main menu:
 1. Make sure the extenders, the monitors and the computer are switched on.
 2. Press the ALT+GR key on your keyboard quickly five times.
- The main menu appears with an overview of the sub-menus.
 1. To open a sub-menu press the applicable key.









Main menu Short Cuts :








- **S Status Overview:** Menu Status /current status
- **U Update Flash FW:** Firmware Updates
- **F Features Overview:** Settings Features
- **D DDC Option:** DDC Option Fix settings 1020 x 1080
- **L Local Settings:** Settings Local
- **R Remote Settings:** Settings Remote
- **A About Overview:** Overview Upgrades Upgrades
- **Q Exit:** Exit

SYSTEM STATUS

Single

System Status		Currently not logged in	
(S)tatus (F)eatures (D)DC/EDID (L)ocal Settings (R)emote Settings (U)pdate (A)bout	(S)tatus	 1G Link Primary Link Up	 1G Link Secondary Link Down
	(F)eatures	 Link KVM Connection Switching	 Link KVM Connection Disconnected
	(D)DC/EDID		
	(L)ocal Settings		
	(R)emote Settings		
	(U)pdate		
	(A)bout		
		 Video Resolution 1920x1080 EDID FIX1920x1080 VGA Primary	
		 USB from PC Inactive USB Mode Emulation USB 1.1	Embedded Audio Primary Connected Analog Audio Connected

Dual

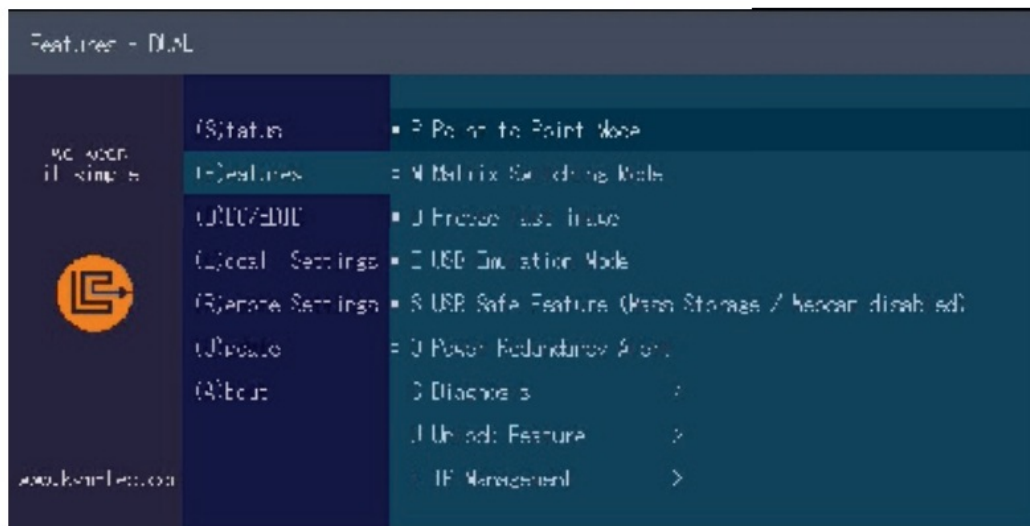
System Status - DUAL		Currently not logged in	
(S)tatus (F)eatures (D)DC/EDID (L)ocal Settings (R)emote Settings (U)pdate (A)bout	(S)tatus	 1G Link Primary Link Up	 1G Link Secondary Link Up
	(F)eatures	 Link KVM Connection Switching	 Link KVM Connection Active
	(D)DC/EDID		
	(L)ocal Settings		
	(R)emote Settings		
	(U)pdate		
	(A)bout		
		 Video Resolution 1920x1080 EDID Elgato Primary	 Video Resolution 1920x1080 EDID HP Z23n VGA Secondary
		 USB from PC Active USB Mode Transparent USB 2.0	Embedded Audio Primary Connected Analog Audio Connected

- In the status overview menu the current status of the extender connection is displayed. It provides information on the connection itself as well as resolution of the video channel, and USBstatus.
- The enabled options and the current firmware-version is displayed in the left top corner.
- Link status shows whether there is a physical connection available. Connected indicates if kvm data is currently able to be transmitted.
- Video and USB show if data is currently being transmitted.

VIEWING THE FIRMWARE VERSION

Under „A“ – About the currently installed fi rmware version of the remote (CON) and local (CPU) Extender is displayed (e.g. ,4267“)

FEATURES MENU



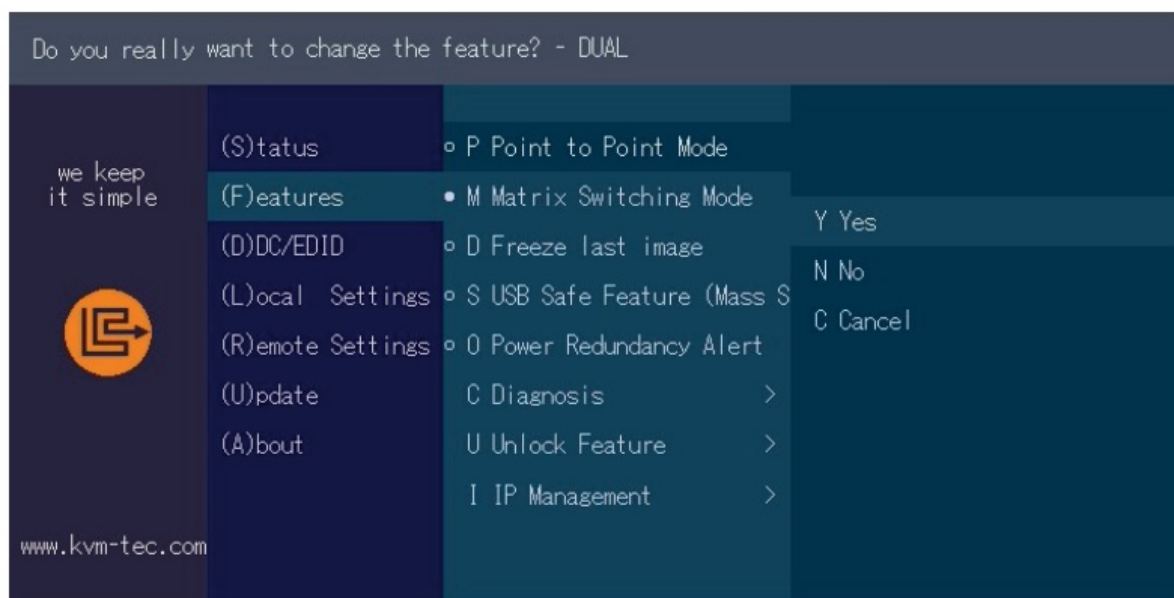
Features Menu

- **P Point to Point Mode:** Enabled/Disabled (Point to Point Point to Point excludes itself with Matrix mode)
- **M Matrix Switching Mode:** Disabled/Enabled
- **D Freeze last Image:** (Disabled)Disabled/Enabled
- **E USB Emulation Mode:** (Disabled) Disabled/Enabled
- **S USB Save Feature:** (mass storage usable) Disabled/Enabled
- **O Power Redundance Alert:** Alert System
- **C Diagnosis:** Diagnosis menu
- **U Unlock Features:** Unlock Features
- **I IP Management:** IP Management
- **Q Exit**

POINT TO POINT

You can switch the Point to Point mode on and off by pressing the „P“ key

ATTENTION – if the point to point mode is activated, the switching mode cannot be activated



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Documents / Resources



[kvm-tec 6023L-F Masterflex Dual KVM Extender over IP](#) [pdf] Installation Guide
6023L-F, Masterflex, Dual KVM Extender over IP, Masterflex Dual KVM Extender over IP, 6023L-F Dual KVM Extender over IP, 6023L-F Masterflex Dual KVM Extender over IP, KVM Extender over IP, Extender over IP

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](#)

Manuals+.