1 System Setup

First time users are recommended to setup the system with the CPU Unit and the CON Unit in the same room as a test setup. This will allow you to identify and solve any cabling problems, and experiment with your system more conveniently.

1. Switch off all devices

CON Unit installation
2. Connect your monitor(s), keyboard and mouse to the CON Unit.
3. Connect the CON Unit with the interconnect cable(s).
4. Connect the 5VDC power supply to the CON Unit.

CPU Unit Installation
5. Connect the source (computer, CPU) with the supplied cables to the CPU Unit. Please ensure the cables are not strained.
6. Connect the CPU Unit to the interconnect cable(s).
7. Connect the 5VDC power supply to the CPU Unit.
8. Power the system.

To power up the system, the following sequence is recommended:
Monitor – CON Unit – CPU Unit – source.

2 Specifications

2.1 Package Contents
You should receive the following items in your extender package:
- KVM Extender pair (CPU Unit and CON Unit)
- 2x 5VDC international power supply unit
- 2x country specific power cord
- Quick Setup
- DVI video cable (1.8 m, DVI-D, male to male)
- USB cable (1.8 m, USB type A to type B)

In addition with Dual Head devices:
- DVI video cable (1.8 m, DVI-D, male to male)

Additional content for devices with integrated switching function:
- USB cable (1.8 m, type A to type B)

In addition with analog audio / serial option:
- Serial cable (1.8 m, RS232, male to female)
- Stereo jack cable (1.6 m, 3.5 mm, male to male)

In addition with digital audio option:
- RCA cable (2.5 m, Cinch, male to male)
- TOSLINK cable (1.8 m, F05, male to male)

If anything is missing, contact your dealer.

2.2 System overview

1. Source (computer, CPU)
2. CPU Unit
3. Interconnect cable
4. CON Unit
5. Console (monitor, keyboard, mouse)

2.3 Download of DDC Information

1. Please make sure that the monitor is on (both monitors in case of Dual-Head devices).
2. Disconnect the monitor cable from the CON Unit and connect the monitor cable again (In the case of Dual-Head devices, disconnect and connect monitor cables successively).

The DDC information will be read from the console monitor, transmitted to the CPU Unit and stored there internally.

To show successful reprogramming the LED Video OK flashes at both CON Unit and CPU Unit for about one second. The CPU will now be able to read the actual monitor DDC information and so allow the required video resolution to be selected.
2.4 Device Settings

Both CPU unit and CON unit have four DIP switches that are used to set the KVM Extender to the respective operation mode, depending from the respective device.

DIP settings have to be performed both CPU and CON unit into the same positions. Only set DIP switches if the extender is not connected to power supply.

<table>
<thead>
<tr>
<th>DIP Position</th>
<th>Function</th>
<th>Switch up</th>
<th>Switch down</th>
<th>Not used</th>
</tr>
</thead>
<tbody>
<tr>
<td>ON 1 2 3 4</td>
<td>Single Link mode (default in combination with Single Link devices)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ON 1 2 3 4</td>
<td>Dual Link mode (default in combination with Dual Link devices)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ON 1 2 3 4</td>
<td>Switch mode (default in combination with models with integrated switching function)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ON 1 2 3 4</td>
<td>Standard mode, no HDCP possible (default in combination with USB-HID / analog audio / serial devices)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ON 1 2 3 4</td>
<td>HDCP mode, no USB-HID / analog audio / serial devices possible (default with USB 2.0 devices without analog audio / serial)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

In HDCP mode, the transmission of USB-HID and analog audio signals is blocked.

3 Technical Support

Prior to contacting support please ensure you have read the quick setup and manual, and then install and setup your KVM extender cable as recommended.

3.1 Support Checklist

To efficiently handle your request it is necessary to complete our checklist for support and problem cases (www.ihse.de/support/checklist_en.pdf). Keep the following information available before you call:

- Company, name, phone number and email
- Type and serial number of the device (see bottom of device)
- Date and number of sales receipt, name of dealer if necessary
- Issue date of the existing manual
- Nature, circumstances and duration of the problem
- Involved components (such as graphic source/CPU, OS, graphic card, monitor, USB-HID/USB 2.0 devices, interconnect cable) including manufacturer and model number
- Results from any testing you have done

3.2 Shipping Checklist

1. To return your device, contact your dealer to obtain a RMA number (Return-Material-Authorization).
2. Package your devices carefully, preferably using the original box. Add all pieces which you received originally.
3. Note your RMA number visibly on your shipment.

Devices that are sent in without a RMA number cannot be accepted. The shipment will be sent back without being opened, postage unpaid.