1 Installation

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.

2. 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.

3. 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 up the system.

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

1. If anything is missing, contact your dealer.

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)

Additional content for Dual-Head devices:
- DVI video cable (1,8 m, DVI-D male-to-male)
- USB cable (1,8 m, USB type A to type B)

If DIP switch 3 on the CPU Unit is in upper position the CPU will only ever be sent the factory preset DDC information.

2.2 System Overview

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

2.3 DDC Settings

CPU Unit and CON Unit offer the following DIP switch settings to control the administration of the DDC information:

<table>
<thead>
<tr>
<th>DIP</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>Switch Position</td>
<td>ON 1 2 3 4</td>
</tr>
<tr>
<td>Function</td>
<td>Switch down</td>
</tr>
<tr>
<td>OFF 1 2 3 4</td>
<td>Send stored DDC information to CPU (default: factory preset DDC information).</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>DIP</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>Switch Position</td>
<td>ON 1 2 3 4</td>
</tr>
<tr>
<td>Function</td>
<td>Switch down</td>
</tr>
<tr>
<td>OFF 1 2 3 4</td>
<td>Prevent reading of DDC information from the attached monitor.</td>
</tr>
</tbody>
</table>

2.4 Transmission Parameters

By default, the device will automatically adapt to optimize video quality. This configuration is suitable for almost all conditions and should only be modified if video quality is not satisfactory.

In case of video interference, an automatic readjustment can be initiated by entering a keyboard command. Please note that this feature is not available on model K473-SST.
2.4.1 Adjustment of Video Resolution

<table>
<thead>
<tr>
<th>Switch Position</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>Switch down</td>
<td>Automatic adjustment (default)</td>
</tr>
<tr>
<td>Switch up</td>
<td>Resolution up to 1280x1024</td>
</tr>
<tr>
<td>Not used</td>
<td>Resolution greater than 1280x1024</td>
</tr>
<tr>
<td></td>
<td>Configuration for maximum distance transmission, independent of monitor resolution</td>
</tr>
</tbody>
</table>

2.4.2 Adjustment of Cable Length

<table>
<thead>
<tr>
<th>Switch Position</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>Switch down</td>
<td>Automatic adjustment (default)</td>
</tr>
<tr>
<td>Switch up</td>
<td>Cable length exceeds 10 m</td>
</tr>
<tr>
<td>Not used</td>
<td>Cable length exceeds 20 m</td>
</tr>
<tr>
<td></td>
<td>Maximum cable length: Use this setting if you are exceeding the maximum recommended cable length or if the video quality is not acceptable with automatic adjustment.</td>
</tr>
</tbody>
</table>

3 Technical Support

Prior to contacting support please ensure you have read this manual, and then installed and set-up your KVM Extender 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.