

1 Quick Setup

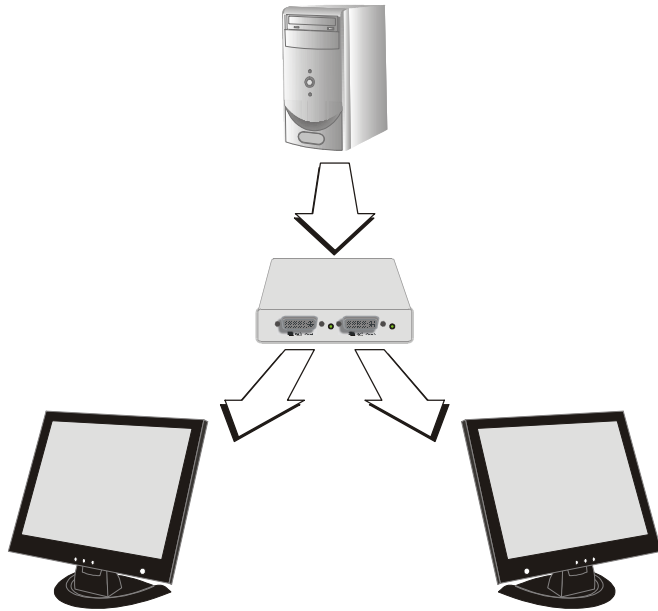
This section briefly describes how to install your 2port DVI- Splitter

Install system

1. Connect the 2port DVI- Splitter to the DVI (video) source.
2. Connect the displays to the 2port DVI- Splitter.
3. Maybe you need to reconfigure the DDC Jumper
4. Power up the system.

2 Installation

For first-time users, we recommend that you carry out a test placement, confined to a single room, before commencing full installation. This will allow you to identify and solve cabling problems, and experiment with the 2port DVI- Splitter more conveniently.



2.1 Package Contents

You should receive the following items in your 2port DVI- Splitter package:

- 2port DVI- Splitter unit.
- DVI-D/DVI-D male/male-Cable 1,8m
- 6V DC 12W universal power supply for your 2port DVI- Splitter.
- User manual (quick Setup).
- German-type power cord.

If anything is missing, please contact Technical Support

2.2 System Setup

To install your 2port DVI- Splitter:

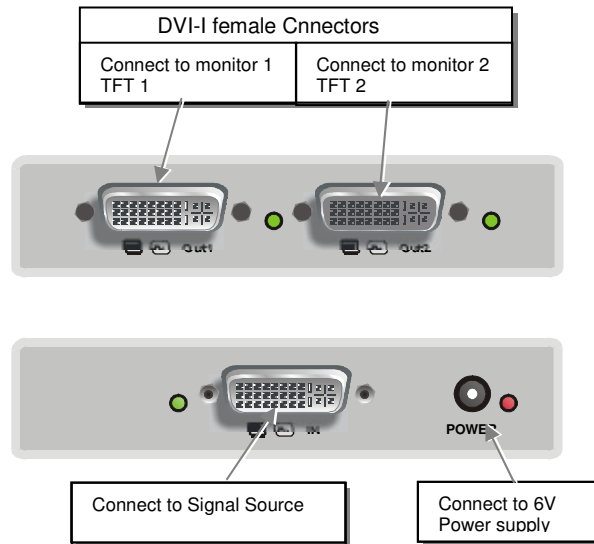
1. Switch off all devices.
2. Connect your TFT displays to the device
3. Connect the graphic source to the input connector using the DVI-I male/male cable
4. Connect the 6V power supply to power the unit.



Only use the power supply originally supplied with this equipment or a manufacturer-approved replacement.

5. Power up the system.

2.3 Connectors



2.4 Diagnostic LEDs

Each 2port DVI- Splitter is fitted with four indicator LEDs: *Monitor Detect*, *Device Ready* and *Video Signal*. The *Monitor Detect* LED's are to the right of the video output connectors. The *Video Signal* LED is left to the input connector and the *Device Ready* is next to the Power socket.

The location of the LEDs is shown below:

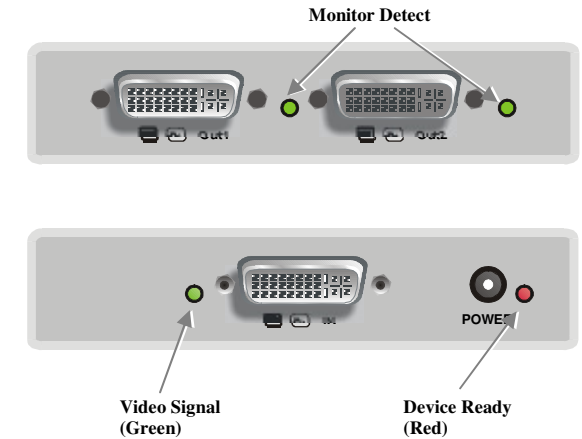


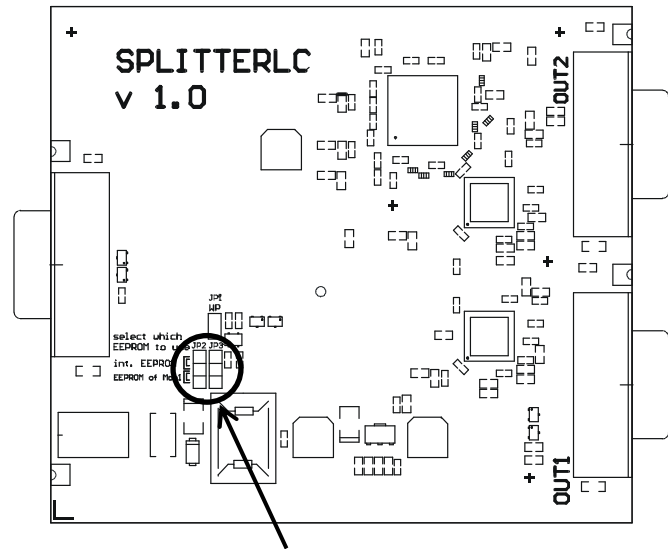
Figure 1 Diagnostic LEDs on 2port DVI- Splitter

LED	Appearance	Diagnostics
Monitor Detect	On	Attached DVI monitor (TFT) detected
	Off	no monitor detected
Device Ready (Red LED)	Off	Device not ready
	On	Device ready
Video Signal (Green LED)	Off	No video signal or valid mode detected
	On	Attached and valid mode detected

3 Device Control

Normally it should not be required to do any Setup Configurations, to make your 2port DVI- Splitter running. In some special occasions, it can be necessary, to redefine the source for the DDC- Information for the CPU. The factory setting defines the DDC of the attached Screen on Channel 1 to the Master. If this setting does not satisfy your requirements (e.g. because the two attached displays support different DDC Information) the DDC can either be switched off or can be taken from the internal DDC table.

To redefine the DDC- Source, you need to open the upper shell of the device. Open the Philipps type screws at both sides of the device, then open the upper shell. Now you find the jumper for the DDC source like following:



Jumper for DDC- source

Jumper	DDC	Bedeutung
Both upper short	intern	Internal DDC- Table used
Both lower short	Monitor 1	DDC from Monitor 1 used (factory setting)
Both open	OFF	NO DDC used

3.1 Interne DDC- Tabelle

Following resolutions are supported with the internal DDC- Table:

Jumper	horizontal	vertical
DOS graphic Mode	640	350
Vesa Standard	640	350
Dos Text Mode	640	400
VGA	640	480
Vesa Standard	720	400
PAL progressive	720	576
Vesa Guidelines	800	600
Mac Mode	832	624

Vesa Guidelines	1024	768
Vesa Standard	1152	864
SUN Mode	1152	900
Vesa Standard	1280	960
Vesa Standard	1280	1024
SGI	1600	1024
Vesa Standard	1600	1200

EUROPEAN UNION DECLARATION OF CONFORMITY

This is to certify that, when installed and used according to the instructions in this manual, together with the specified cables and the maximum cable length <3m, the Units are shielded against the generation of radio interferences in accordance with the application of Council Directive 89/336/EEC as well as these standards:

EN 55022:	1999	Class B
EN 55024:	1999	
IEC 61000-4-2:		2001
IEC 61000-4-3:		2001
IEC 61000-4-4:		2001
EN 61000-3-2		2001
EN 61000-3-3		2002

The device was tested in a typical configuration with PC.



The Management, October 18th, 2004

Peter Prigel

DVI-2port Splitter

Type K445-2B

(Quick Setup)

