

# Velocitydvi-3 A/V+

## Digital Video Extension System - 3 A/V+

### QUICK START GUIDE

The **Velocitydvi Digital Video Extension System-3 A/V+** from *Thinklogical™* permits the placement of a digital monitor or projector and audio devices up to 1000 meters (3280 feet) away from a controlling computer without loss of resolution. Each system consists of a transmitter and a receiver connected by multi-mode fiber optic cable(s). Dual fiber is used for some DDC modes to provide communications to and from the transmitter. The receiver unit provides an interface to the monitor and audio devices. Installation is plug-and-play and no adjustments are necessary.

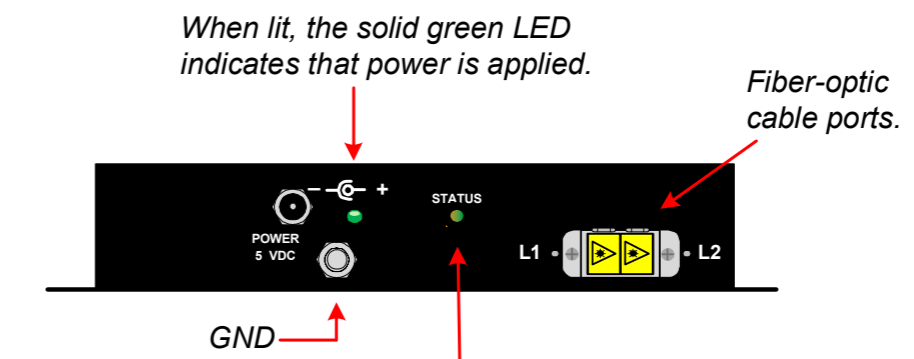
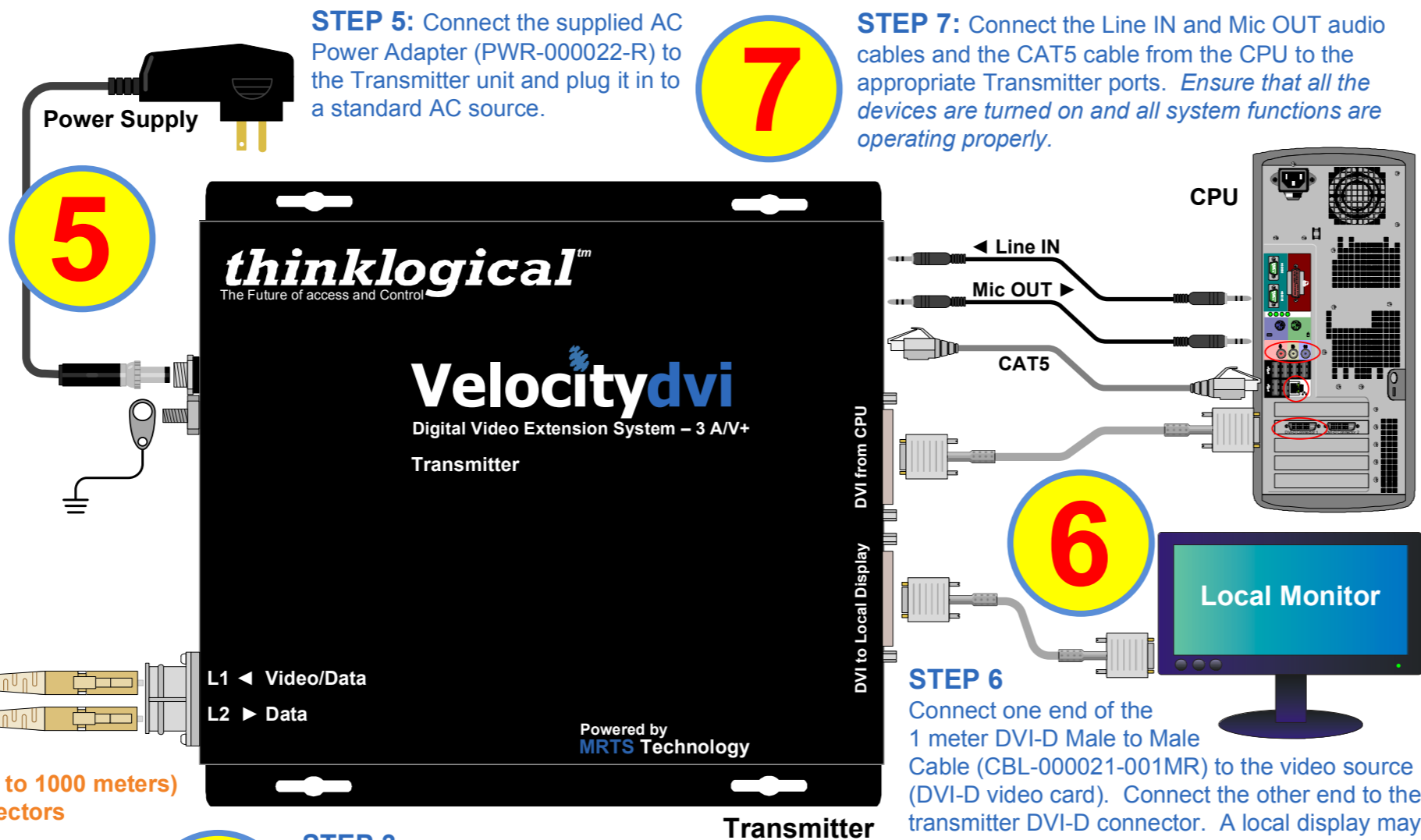
Each of the *Thinklogical™* DVI A/V+ Extender systems is designed for high resolution video and audio extension applications such as remote projection centers, theaters and assembly halls, and for secure computer installations. It is now possible to position the monitor or projector in any setting from office to lecture hall to boardroom while keeping the computer secure in a remote, controlled location.

All physical connections to the product use industry-standard connectors.

#### Contents

Upon receiving your *Thinklogical™* **Velocitydvi-3 A/V+** Extender, you should find the following items:

- DVI Extender Transmitter
- DVI Extender Receiver
- DVI-D Male to DVI-D Male Cable, 1 Meter (CBL-000021-001MR)
- DVI-D Male to DVI-D Male Cable, 2 Meter (CBL-000009-002MR)
- Two CAT5 Cables, 7' (CBL-000001-007FR)
- Two 3.5mm Audio Cables (CBL-000016-006FR)
- Modem Adpt. DB9M RJ45 (ADP-000019-R)
- Modem Adpt. DB9F RJ45 (ADP-000025-R)
- Two Universal AC Power Adapters (PWR-000022-R)
- DVI Extender Product Manual



The status LEDs near the USB port on the Tx and Rx units are used to indicate the status of connections to the extender.

#### Tx Status LED

- **Green** = Fiber L2 is connected and a good link is established.
- **Orange** = Local Static Mode selected and no fiber link from Rx to Tx (L2 is not connected) or both DDC mode buttons are held down and the unit is waiting to reload the default DDC table.
- **Red Flashing** = No Fiber Link from Rx to Tx (Not available in Local Static mode.)

#### Rx Status LED

- **Green** = Good Link and DVI device connected to primary port (port on left in the diagram below).
- **Orange** = No DVI device connected to primary port.
- **Red Flashing** = No Fiber Link from Tx to Rx (L1 is not connected).

The Primary Port on the Rx is used for DDC. The Secondary Port carries video data only.

#### Acquire Button

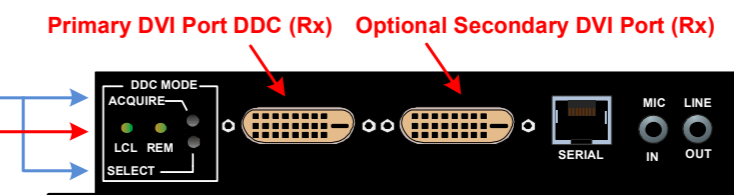
- Used to initiate DDC collection. Works with all modes except Pass-Thru. Must be pressed after switching between DDC modes.

#### Select Button

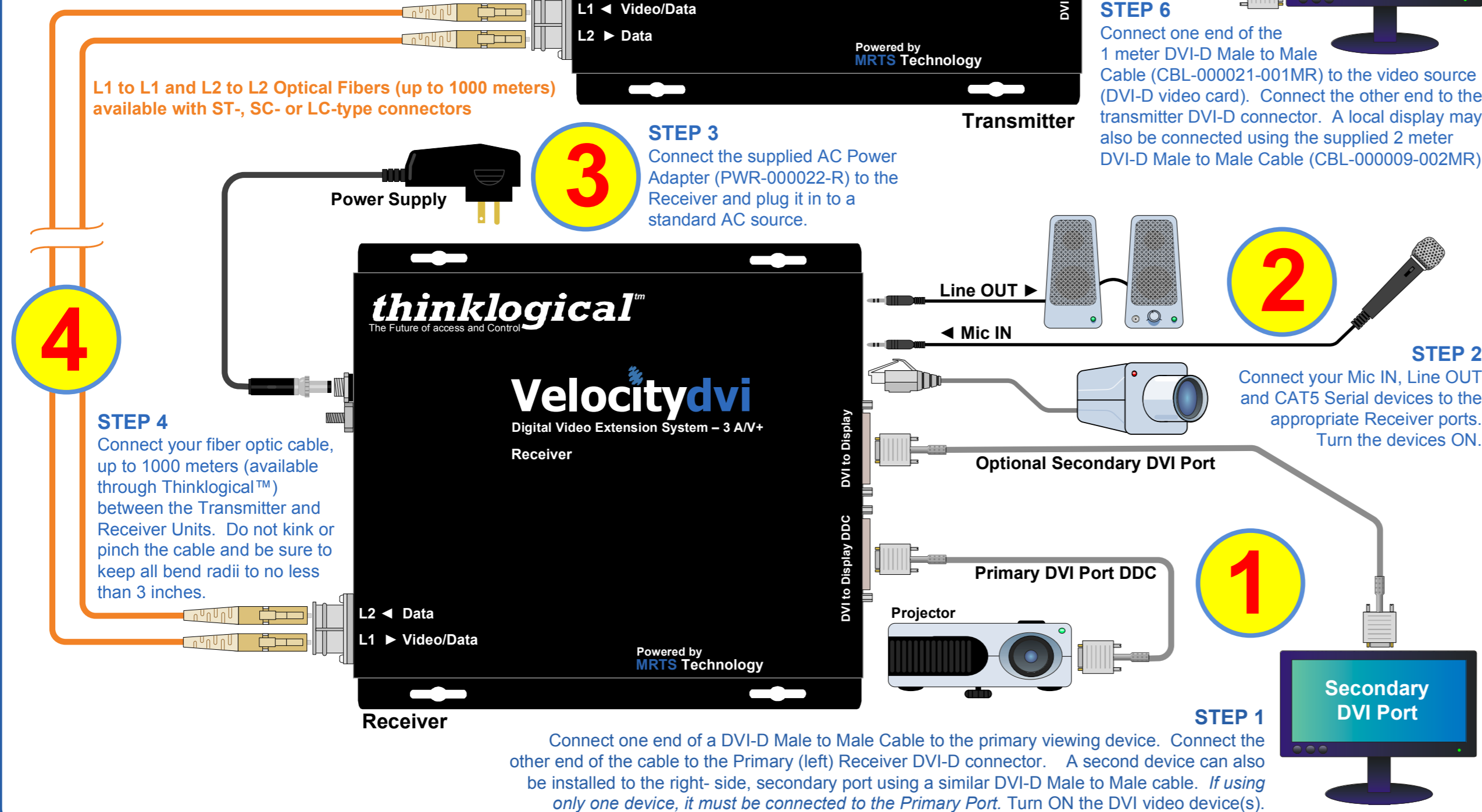
- Used to select the DDC mode. The modes will cycle through Remote Dynamic, Remote Static, Pass-Thru and Local Static.

#### Both Buttons held 5 seconds

- Holding both buttons for 5 seconds will reload the default DDC table into the Tx and switch to Remote Static mode.



LCL	REM	DDC MODE	DESCRIPTION
OFF	GREEN	REMOTE DYNAMIC	EDID READ FROM REMOTE DISPLAY AND UPDATED EACH TIME REMOTE DISPLAY CHANGES.
ORANGE	GREEN	REMOTE STATIC	EDID READ FROM REMOTE DISPLAY WHEN ACQUIRE BUTTON IS PRESSED.
GREEN	GREEN	PASS-THRU	ACTS AS A DIRECT CONNECTION BETWEEN CPU AND DISPLAY. NO EMULATION IS PERFORMED.
GREEN	ORANGE	LOCAL STATIC	EDID READ FROM LOCAL DISPLAY WHEN ACQUIRE BUTTON IS PRESSED.



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