

User Instructions for USB- 802 Series "MegaTouch"™ Dual-Head USB Touch Screen and DVI Video Switch

Congratulations on your purchase of a VETRA USB MegaTouch™! This quality product is designed and built by us in the USA and is backed by a VETRA Three-year Warranty and unlimited free technical support. We invite your comments, please email us at sales@vetra.com or call us at the numbers given at the end.

INTRODUCTION

The USB-802 "MegaTouch"™ Dual-Head Touch Screen and DVI Video Switches allow two USB Touch Screen equipped DVI monitors to control and work with two PC's. All models come with the VIP-210 power supply.

Note: The "MegaSwitch" does not come with USB, or Video extension cables. They may be ordered from Vetra separately.

INSTALLATION

Before connecting PC's to the Switch, make sure that the Switch is powered by its Power Supply! The PC's may be powered or not when you connect them to the Switch. Do not power down the Switch while any PC is connected to the Switch!

There are two main steps to connect the Switch:

1. Connect PC's to Switch unit:

USB Touch Screen

Connect any available USB input on the PC's to the Switch using USB A-B cables. Connect PC #1's USB port to the back-panel connector of the Switch marked "PC1", and connect PC's #2 USB port to the back panel connector of the Switch marked "PC2". It is not necessary to have both PC's connected for the Switch to operate.

Video

Connect the DVI Video outputs of the PC's to the Switch using DVI-D male/male extension cables. Connect PC #1's video output to the back panel connectors of the Switch marked "TO PC1 VIDEO-A" and "TO PC1 VIDEO-B". Connect PC's #2 video output to the back panel connector of the Switch marked "TO PC2 VIDEO-A" and "TO PC2 VIDEO-B".

2. Connect a Touch Screen Monitor to the Switch:

a) Touch Screen Connect the first USB touch screen to the Type A connector on the back panel of the Switch marked "IN-1". Connect the second USB touch screen to the Type A connector on the back panel of the Switch marked "IN-2". (Please note that the "IN-1" and "IN-2" inputs are not dedicated; either USB touch screen can be connected to either input.)

b) Monitor Connect the first DVI monitor to the DVI connector on the back panel of the Switch marked "MONITOR-A IN". Connect the second DVI monitor to the DVI connector on the back panel of the Switch marked "MONITOR-B IN".

c) Hub Support The Switch supports one level of hub at its USB Type A inputs, marked "IN-1" and "IN-2". You have the option to connect the USB Touch Screens to the Switch directly or via a hub. The total number of active devices, touch screens in this case, is limited to two. If more than two devices are connected, the additional devices will not be recognized by the Switch.



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OPERATION

1. Power Up Sequence:

Before making any connections to the PC's, connect the external power supply to the Power Jack of the Switch, marked "+5VDC IN", on the back panel of the Switch. Keyboard, mouse, touch screen and monitor(s) may be connected to the Switch at any time.

2. PC Selection:

PC Selection from Front Panel:

1) Next PC Selection (available on Standard model only): To select another PC, press the "NEXT PC" push button located on the front panel of the MegaTouch.

2) Direct PC Selection (available on -DE models only): To select another PC, press the "PC SELECTION" push button for the number of the desired PC.

In both cases, the appropriate green "SEL" indicator on the front panel of the switch indicates the selected PC.

SPECIFICATIONS

Mechanical Dimensions

Model #	Height	Width	Depth	Weight
USB-802-IN2D2-TS2	3.38" (8.59 cm)	6.06" (15.39 cm)	6.32" (16.05 cm)	1 lb. 10 oz.
USB-802-IN1D-TS-DE	3.38" (8.59 cm)	6.06" (15.39 cm)	6.32" (16.05 cm)	1 lb. 13 oz.

Environmental: Operating Temp: 5 to 104 deg. F (-15 to 40 deg. C)
Storage Temp: -4 to 122 deg. F (-20 to 50 deg. C)

Supported Hardware Computer: Any with USB port(s)
Video Monitors: DVI-D
Maximum Resolution: up to 1920 x 1200
Peripherals: USB compliant touch screens

**The Vetra USB-802-IN1D-TS series of MegaTouch uses Technology covered by
US Patents 7,246,189, 7,797,474, 7,949,816**

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FEDERAL COMMUNICATIONS COMMISSION

This equipment has been tested and found to comply with the limits of a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at their expense.

CE

This equipment has been tested and found to conform to the directives and standards for a Class A Information Technology Equipment TYPE and for the Commercial Light Industrial equipment class.



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