

User Instructions For The USB- 804 Series "MegaTouch"™ Touch Screen and 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-804 "MegaTouch"™ Touch Screen and Video Switches allow one USB Touch Screen Monitor to control and work with up to four PC's. All models come with the VIP-210 power supply.

The "MegaTouch" system consists of the following components:

1. One – Switch Unit;
2. One – Power Supply

Note: The "MegaTouch" 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.
Video monitor and USB touch screen may be connected to the Switch at any time.
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". Connect PC's #2, #3, and #4 USB ports to the appropriate back panel connectors of the Switch marked "PC2", "PC3" and "PC4". It is not necessary to have all PC's connected for the Switch to operate.

Video

Connect the Video outputs of the PC's to the Switch using 15 pin HDD15 male/female extension cables. Connect PC #1's video output to the back panel connector of the Switch marked "PC1 TS VIDEO". Connect PC's #2, #3, and #4 video outputs to the appropriate back panel connector of the Switch marked "PC2 TS VIDEO", "PC3 TS VIDEO", and "PC4 TS VIDEO".



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2. Connect a Touch Screen Monitor to the Switch:

a) Touch Screen Connect the USB touch screen to the Type A connector on the back panel of the Switch marked "TS DATA".

b) Monitor Connect the VGA monitor to the 15-pin HDD connector on the back panel of the Switch marked "TS VIDEO IN".

c) Hub Support The Switch supports one level of hub at its USB Type A input, marked "USB IN". You have the option to connect the USB Touch Screen to the Switch directly or via a hub. The total number of active devices is limited to one. If more than one device is connected, the additional devices will not be recognized by the Switch.

OPERATION

1. Power Up Sequence:

Before making any connections to the PC's, connect the external power supply to the Power Jack, marked "+5VDC IN", on the back panel of the Switch. Keyboard, mouse 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" pushbutton 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" pushbutton for the number of the desired PC.

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-804-V-TS	3.38" (8.59 cm)	8.08" (20.52 cm)	6.32" (16.05 cm)	1 lb. 9 oz.
USB-804-V-TS-DE	3.38" (8.59 cm)	8.08" (20.52 cm)	6.32" (16.05 cm)	1 lb. 12 oz.

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

Supported Hardware Computer: with USB port(s)
Video Monitors: VGA, SVGA with USB touch screen
Maximum Resolution: up to 1600 x 1200 to 75 Hz
Peripherals: USB-compliant touch screen

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 the user's own 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.

**The Vetra USB-804-V series of the MegaTouch uses Technology covered by US Patents 246,189, 7,797,474,
7,949,816**

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