

**User Instructions For
The USB- 844 series "MegaCast"TM
USB Keyboard and/or USB Mouse Broadcaster-Multicaster to Four PC's**

Congratulations on your purchase of a VETRA USB MegaCast! This quality product is designed and built by us in the USA for use around the world 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

There are two models in this series, the USB-844-BC and the USB-844-KM-BC.

The **USB-844-BC** "MegaCast"TM USB Keyboard or USB Mouse Broadcaster-Multicaster connects either one USB keyboard or one USB mouse to up to four PC's.

The **USB-844-KM-BC** connects **both** a keyboard and a mouse to up to four PC's.

In both units, the keyboard and/or mouse are routed simultaneously to all connected PC's. Both models allow one hub between the input devices and the Broadcaster-Multicaster. The hub may be external or built into the keyboard or mouse. Both models feature expansion to more than four PC's by connecting units in series. Using three units, with two ports from one unit connected to inputs of two additional units, ten PC's can be accessed. Two units connect to four PC's each, giving eight, and the remaining two ports on the first unit give two more ports, for a total of ten.

Both models come with the VIP-211 power supply.

Note: The "MegaCast" does not come with USB connection cables. One USB type A-B cable per PC is needed for either unit. They may be ordered from Vetra separately. In addition, if units are connected in series for expanding the number of ports, one USB type A-B cable is needed to connect one "MegaCast"TM unit to another.

INSTALLATION

**The PC's may be powered or not when you connect them to the Broadcaster-Multicaster.
Keyboard or mouse may be connected to the Broadcaster at any time.**

There are two main steps to make the Broadcaster-Multicaster ready for use:

1. Connect PC's to Broadcaster unit:

Connect any available USB input on the PC's to the Broadcaster using USB A-B cables. Connect PC #1's USB port to the back panel connector of the Broadcaster marked "PC1". Connect PC's #2 thru #4 USB ports to the appropriate back panel connectors of the Broadcaster marked "PC2" thru "PC4". The Broadcaster-Multicaster will operate with less than all four PC's connected.

2. Connect Keyboard and/or Mouse to Broadcaster-Multicaster unit:

For the **USB-844-BC** connect a USB keyboard or mouse to the Broadcaster at the back panel marked "DEVICE IN".

For the **USB-844-KM-BC** connect the USB keyboard to the Broadcaster-Multicaster at the back panel marked "KEYBOARD IN" and the mouse to the back panel connector marked "MOUSE".



275 Marcus Blvd, Suite J, Hauppauge, NY 11788-2022 USA
Tel: 800.537.9296, 631.434.3185 Fax: 631.434.3516
www.vetra.com email: sales@vetra.com

OPERATION

The operation of the USB-844 MegaCast™ series units is very simple. When the connected keyboard and/or mouse is activated, the data is sent to all connected and powered PCs simultaneously.

CONNECTIONS

Connect the power supply included with the Broadcaster-Multicaster to the Power Jack, marked "+5VDC IN", on the back panel of the Broadcaster. It is recommended that the power supply be connected to a switched AC power outlet. This will avoid having to plug/unplug the power supply from the Broadcaster-Multicaster to switch the Broadcaster-Multicaster on and off. When the Broadcaster is powered up, note that the front panel "PWR ON" indicator on the Broadcaster is on.

PC's can be connected to the Broadcaster-Multicaster at any time, and can be on or off at the time they are connected. The "PC STATUS" indicators on the front panel of the Broadcaster show which PCs are powered on.

Keyboard and/or mouse can be connected or disconnected from the Broadcaster-Multicaster at any time.

SPECIFICATIONS

Mechanical:

Height: 2.63" (6.68 cm), Width: 8.08" (20.52 cm), Depth: 6.32" (16.05 cm), Weight: 1 lb. 4 oz. (0.482 kg)

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:	Any with USB port(s)
	Peripherals:	USB keyboard and/or USB mouse. Can be connected via one hub, including keyboard built-in hub.

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-844 series USB Keyboard/Mouse Broadcaster/Multicaster uses technology covered by US Patents 7,246,189, 7,797,474, 7,949,816, and 8,161,220

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VETRA Systems Corporation 275 Marcus Blvd., Suite J, Hauppauge, NY 11788-2022 USA

Phones: 800.537.9296, 631.434.3185 Fax: 631.434.3516

e-mail: sales@vetra.com <http://www.vetra.com>