

User Instructions for The VIP- 844 "MegaCast"[™] Keyboard Broadcaster

FEDERAL COMMUNICATIONS COMMISSION

This equipment has been tested and found to comply with the limits for 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 the 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 the user will be required to correct the interference at his 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 and Light Industrial equipment class.

INTRODUCTION

The VIP-844 "MegaCast"[™] PC Keyboard Broadcaster allows 1 PC PS/2 style keyboard to control up 4 PC's. The output of the keyboard is routed simultaneously to all connected and powered on PC's providing all with the required responses and assuring correct boot-up of each. If an AT style keyboard is to be used than the VIP-301-5F6M adapter must be used. The adapter is not supplied with the unit and may be purchased from Vetra separately.

NOTE: The "MegaCast" does not come with keyboard extension cables for connection of the MegaCast to the PC's. They may be purchased from Vetra separately.

INSTALLATION

There are two main steps to connect the Broadcaster:

1. **Connect Keyboard to Broadcaster unit:** The keyboard (PS/2 or AT style) is connected to the Broadcaster at the backpanel marked "KBD IN".
2. **Connect PC's Keyboard Port to Broadcaster:**
 - a) Connect the keyboard port of PC#1 to the Broadcaster at the backpanel connector marked "TO PC1 KBD PORT".
 - b) Repeat the above step for all remaining PC keyboard ports to the backpanel connectors marked "TO PC#2 – PC#4 KBD PORT"

OPERATION

1. Power Up Sequence

The Broadcaster unit receives its power from any one of the powered on PC's and/or shared when more than one PC is on. Any one of the PC's maybe powered on any time and in any order. They may also be powered down at any time in any order. Just as a normal PC, it is not recommended that the keyboard be operated during power-up of any PC. There is no separate power control for the Broadcaster. The broadcaster is on when any one of the PC's are on.

2. Keyboard Status Indicators:

The keyboard's status indicator lights, Num Lock, Caps Lock, and Scroll Lock are controlled via the PC by commands to the keyboard. Since the Broadcaster connects one keyboard to many PC's, conflict in keyboard indicator control occurs.



275-J MARCUS BLVD HAUPPAUGE, NY 11787 USA

Tel: 631-434-3185 Fax: 631-434-3516

www.vetra.com e-mail: sales@vetra.com

To avoid this conflict, commands from the PC's controlling the keyboard indicator lights are intercepted and not routed to the keyboard. Therefore, operating the Num Lock, Caps Lock and Scroll Lock keys will not result in the lighting of the corresponding indicators. This is normal and not a failure of the Broadcaster. Their functions in the PC's are not affected and operate normally.

SPECIFICATIONS

Mechanical

Height: 2.63" (6.68 cm)
Width: 8.08" (20.52cm)
Depth: 6.32" (16.05 cm)

Weight: 1 lb. 4 oz.

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

Supported Hardware: Computer: IBM PC/AT, PS/2 and 100% compatibles
 Peripherals: AT and PS/2 keyboards

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VETRA Systems Corporation, 275-J Marcus Blvd., Hauppauge, NY 11787 USA
Tel: 631-434-3185 Fax: 631-434-3516
www.vetra.com e-mail:sales@Vetra.com