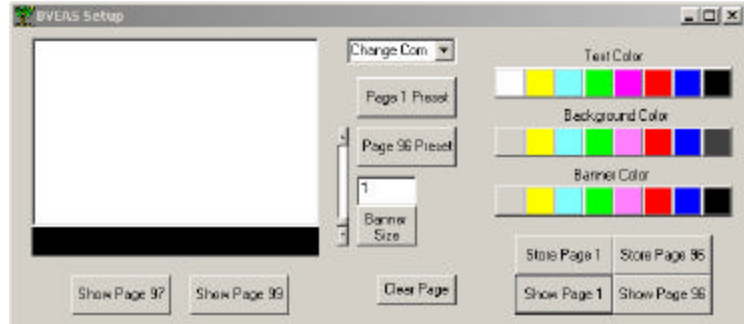MegaHertz Emergency Alert System Character Generator (Big VooDoo Emergency Alert System (BVEAS)) Control Software (Graphical User Interface (GUI))

The BVEAS GUI is a stand-alone, system-installed software application for command and control of the MHz Sub-Alert/EAS/M2 BVEAS device. The GUI is used to modify existing pages stored in the BVEAS. The software is installed in a user PC, and connection is made via RS-232 to the BVEAS unit

SPECIFICATIONS:

- ?? Compatible with all known Windows™ operating systems.
- ?? Provides RS-232 control of BVEAS
- ?? Baud Rate: 9600
- ?? PC Settings: None, 8, 1
- ?? Page background color setting
- ?? Text color setting
- ?? Banner size and color setting
- ?? Store and recall pages for immediate display

ORDERING INFORMATION

Part #	Options
BVEAS GUI	None

APPLICATIONS

?? Control of BVEAS

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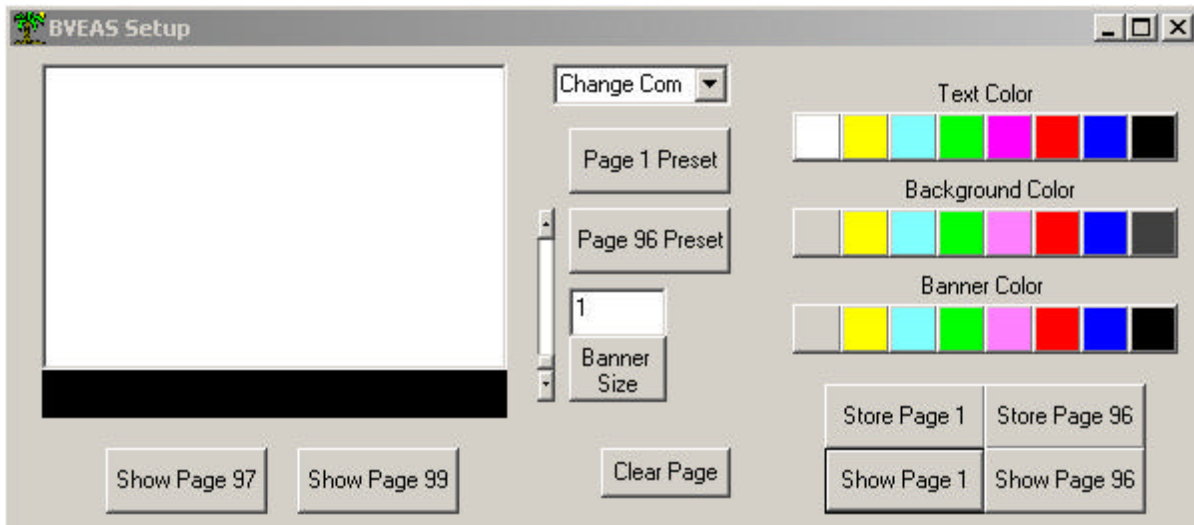
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OPERATING INSTRUCTIONS

CONNECTIONS

Ensure the BVEAS is connected properly connected and powered according to the unit's manual. Serial connection between the BVEAS and a PC running this software must be made with a standard RS-232 serial cable (provided with unit).

SOFTWARE INSTALLATION

- ✍✍Copy the software installation package to a directory of your choice
- ✍✍Open the copy directory, and double-click SETUP
- ✍✍Follow the on-screen prompts to install and register the software
- ✍✍After installation, a menu item and icon will be found in your START menu
- ✍✍There is no requirement to restart your system after installation

SOFTWARE FUNCTION

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BVEAS essentially has two pages that can be used as pre-stored messages. These are referred to as page 1 and page 96. Either of these pages can be altered and stored in the unit through the software.

RESTORE PRESET PAGES

Pages 1 and 96 are preset at the factory for standard Emergency Alert Systems. To restore these settings click on the PAGE 1 PRESET or PAGE 96 PRESET buttons. This will set the pages, store them, and display them.

SET BACKGROUND COLOR

Click any of the eight color buttons below the label BACKGROUND COLOR on the GUI. If the unit is properly connected, you should see full-screen color backgrounds on your video monitor corresponding to the color button you clicked.

SET BANNER SIZE and COLOR

The BVEAS is capable of displaying a banner from the bottom of the screen up. The banner is used for additional "attention-grabbing" graphics for the viewers. The banner color may be different from the screen background color.

Click any of the eight color buttons below the label BANNER COLOR on the GUI. You should now see a banner from the bottom of the screen, in the color you clicked.
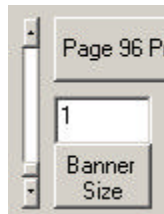
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If no banner is present, either the banner color matches the background color, or the size needs to be set.

SET BANNER SIZE

You can increase of decrease the size of the banner, by using the slider control on the GUI that is located next to the BANNER SIZE button.

Use the mouse to click on the slider control, up or down—notice the number corresponding to size changing as you activate the slider.

Once you have the size number set to the value you want, click on the BANNER SIZE button to set the unit.

SET TEXT COLOR

The text color may be set by clicking on any of the color buttons under the label TEXT COLOR.

If you have entered text into the main-window text box, you will see the color of that text change in the software each time you click a TEXT COLOR button.

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MAIN TEXT WINDOW

The main text window is used to enter text for the BVEAS, to verify background color, to verify text color, and to verify banner color.

To enter text, simply click in the main text window area—you should see a cursor appear in the text window. Start typing from that point. The text window can be used to setup a new page in the unit only. It does not recall stored pages from the unit. The text window width matches that of the BVEAS, so you can apply WYSIWYG theory to text entering.

Note, however, that the text window does not limit the amount of vertical lines of text you can enter--the BVEAS will accept only its allotted amount of lines. You will not see data on your monitor after sending the page to the BVEAS if you've exceeded the maximum vertical lines of text parameter.
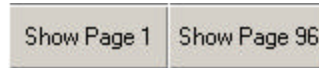
The color area just below the text window is the banner color indicator. This section does not expand or contract relative to the size of the set banner, but is merely a banner color indicator.

Standard word-processing conventions are used in the text editor. You may backspace, you may delete, you may tab, etc…

Certain characters are not available in the BVEAS—these include, but are not limited to "-" and ".".   Should you enter any of these characters, the BVEAS will simply display a blank space.

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DISPLAY A PAGE

You can display a page at the click of a button. To display page 1 or 96, simply click on either SHOW PAGE 1 or SHOW PAGE 96 buttons.
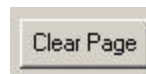
You can also display the contents of page 97 and page 99. This function is useful for troubleshooting an EAS system. If a message was received from an ENDEC or any other external device, and directed at these pages, but the EAS did not automatically display, you can manually display it by clicking on either of these two buttons.

If you select these buttons, and nothing is displayed on your monitor, then the BVEAS did not receive a message from the ENDEC or other external device, directed at page 97 or 99.
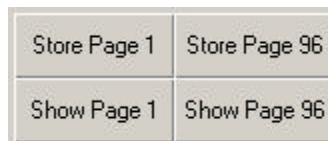
CLEAR PAGE

You may clear a page of text by clicking the CLEAR button. This does not affect stored data, only what is currently displayed.

STORE PAGES

If you've altered page 1 and/or page 96 and wish to store them as default, click on the STORE PAGE 1 or STORE PAGE 96 buttons as required. Prior to storing, ensure you've setup the page exactly as you'd like on the GUI. Click the store button, and then to see what you've stored, press the SHOW button for the appropriate page.

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COMMUNICATIONS

The GUI defaults to COMM PORT 1 when you setup the application. However, if necessary, you may change this. Change only if you have your serial cable connected to a serial port different from COMM 1. (Most PC's will use COMM 1 for serial communications, some will use COMM 2. Any additional ports will be additions made to your PC sometime in its past).

To change the COMM PORT, click on the down arrow of the CHANGE COMM drop down box, and highlight the desired port.

OTHER CONTROL

The BVEAS can be controlled by any serial controller. Complete protocol list is available upon request to Keywest Technology.

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DISCLAIMER

Neither MegaHertz nor Keywest Technology may be held liable for any malfunction of this software, for any real or perceived malfunctions of the installed PC, nor any operational defect or mishap that may or may not be caused by use or installation of the software. The software is not intended as a manual Emergency Alert activation device that would meet any FCC EAS requirements—it is solely for the purpose of setup of the MHz Sub-Alert/EAS/CG/M2 for Emergency Alert Systems

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