

MacroBLASTER™

Keypad, Bar Code, or Voice Activated Macros

Macros control keyboard functions and mouse clicks. They can be activated by keyboard, programmable keypad, bar code reader, or voice. A macro can start and exit from programs, capture menu selections, paste large amounts of text from clipboard into an active window, open documents in their native application, activate simple keyboard shortcuts, retype the same word, phrase, number, or other sequence, load templates, and execute complicated, multi-step commands. Macro execution markedly reduces the keystrokes and mouse clicks required by the human operator, thereby saving time and reducing the risk of repetitive stress disorder.

MacroBLASTER™ records and stores macros that automate daily work routines. These macros can be activated with a programmable keypad, bar code, or voice command.

The first step in the process is creating the macro. This can be done using patent pending Script Tool™, a macro script editor that can be used by the novice user or experienced programmer. The intuitive graphic user interface allows a user to select the desired event (e.g., open or save a file) by clicking on a button or menu item. The software automatically creates programming code with Visual Basic Scripting Edition (VBScript). The user does not have to know any programming. On the other hand, an experienced programmer can use Script Tool™ to write complex, multi-step macros.

The second step is deciding how the macro will be launched. This can be done using a physical or virtual keypad. With a programmable keypad, the macro can be assigned to a specific key. Clicking on that key will execute the macro through the MacroBLASTER™ application. With a bar code reader or speech recognition, the macro is executed through use of a “virtual” keypad. The macro is assigned a position in a layout grid, similar to the layout used with a physical keypad. A particular bar code or voice command activates the macro assigned to a specific grid position.

Macros for multiple software programs can be stored in the same layout—up to 324 positions per layout. An unlimited number of layouts are available. The same grid position can be activated by a physical key (with a programmable keypad), a bar code reader, or speech command, or all three. In this way, for example, if a voice command is not recognized, the macro can be activated also by a bar code device or voice command.

MacroBLASTER™ can be used with the workflow manager Command! for keypad, bar code, or voice control of workflow management. MacroBLASTER™ software is compatible with Windows 95/98/ME/NT/2000/XP operating systems.

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We teach computers how to listen®

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