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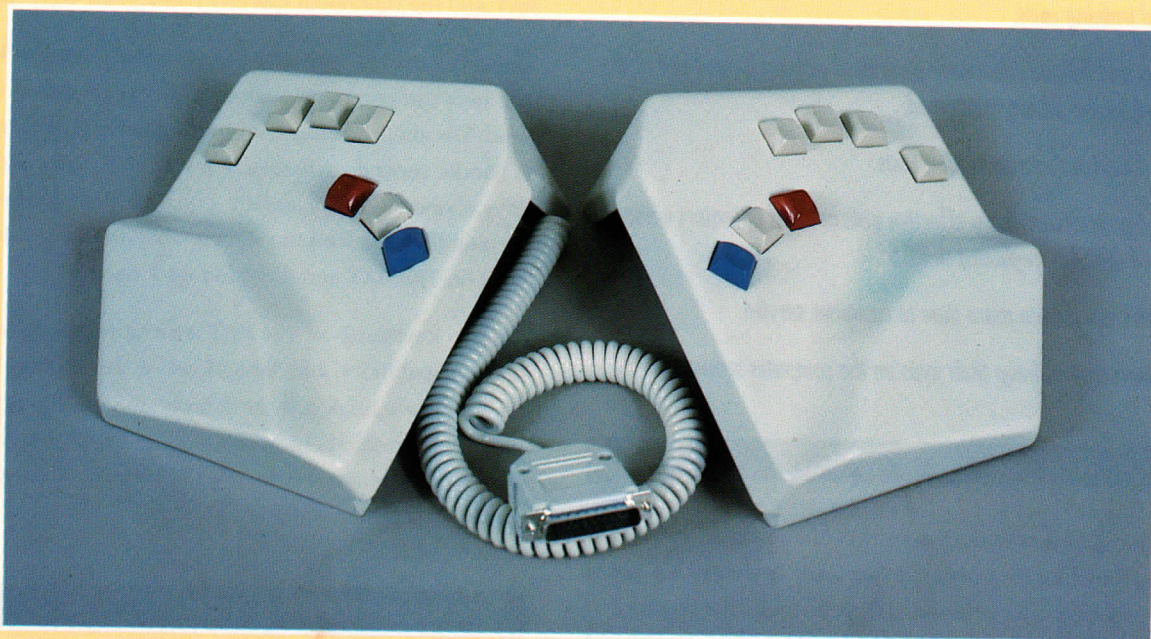
Infogrip

# BAT

A completely new way of entering data into a computer

You enter letters, characters and symbols by pressing a combination of keys much like playing a chord on a piano. Your eyes remain on the screen, not the keyboard.

The BAT lets you create a library of words, phrases and macros that you enter with a single chordic keystroke.



## Features

- Scientifically designed for easy learning and retention.
- Two 7-key keyboards, one for each hand.
- Each keyboard has all the functions of the standard 101-key computer keyboard.
- Keyboard is angled and wrists are supported for maximum comfort and health.
- Characters are entered by pressing combinations of keys much like playing a chord on a piano.
- User can assign chords to words, phrases and macros.

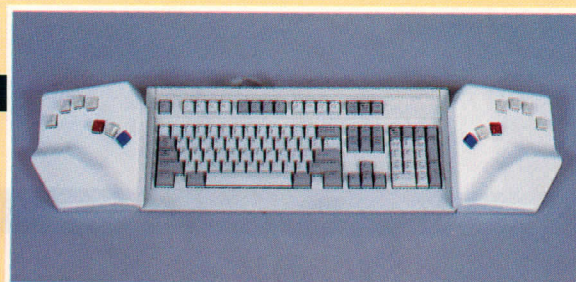
## Advantages

- Quick and easy to learn.
- User does not have to look down at the keys and can keep eyes on screen.
- Ergonomic design minimizes strain, fatigue, disorders (e.g. carpal tunnel syndrome).
- User can use one or both hands to enter data (ideal for CAD users...one hand on the mouse, one hand on The BAT).
- User can enter words, phrases and macros with a single chord.
- Does not interfere with standard touch-typing skills.

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## Information

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The BAT at the sides of the standard keyboard

## Benefits

- *Increased productivity.*
- *Reduced training costs.*
- *Ailments and fatigue commonly associated with prolonged use of the standard keyboard are minimized.*
- *Reduced workers' compensation costs.*
- *Reduced payroll costs from effective utilization of operators without standard QWERTY keyboard skills.*
- *Operators can devote more time to customer service.*
- *CAD operators can keep their eyes on the computer screen.*

## Description

The BAT comprises two identical keyboards, one for the left hand and the other for the right hand. Each keyboard has seven keys, five of which are positioned directly under the fingers and thumb of the user. The remaining two "shift" keys are positioned so that the thumb can easily reach them by moving either a little to the left or the right.

The two keyboards can be joined together and placed in front of the computer or in the user's lap. They can also be separated and placed at the sides of the standard QWERTY keyboard (see photo on reverse side) so that the user can use both The BAT and QWERTY keyboard simultaneously.

Data is entered by pressing various combinations of keys in the same manner as chords are played on a piano. Based on years of research into the combinations that best fit the capabilities of the human mind and body, Infogrip has assigned chordic combinations, or chords, to all keys on the standard 101-key keyboard. Even after assigning chords to all keys, there are hundreds of unallocated chords that are user programmable.

The BAT allows the user to allocate chords to words, phrases and macros. This feature is similar to the "macros" feature in commonly used software.

Infogrip has proved that The BAT is easily learned in about 45 minutes by both novices and experienced operators. In addition, proficiency with The BAT does not degrade traditional typing skills, allowing the user to switch back and forth between The BAT and the traditional QWERTY keyboard with ease.

The two halves of The BAT are separate, complete keyboards. The user can enter any character, phrase or macro with either hand. The ability to enter data with either hand frees up the other to handle separate activities. For example, CAD and customer service operators can greatly enhance their performance by keeping their eyes on the screen while entering data with one hand on The BAT and the other on a mouse.

The two keyboards of The BAT are ergonomically designed to fit the capabilities and limitations of the human body. The keyboards are angled at 20 degrees so that the wrists are not unnaturally rotated. In addition, the hands are comfortably supported by a raised palm rest on the base of the keyboard to minimize strain and fatigue.

## Development Background

In recent years, special function keys and numeric pads have been added to the standard keyboard, but the basic format of the keyboard is unchanged since the 19th century. The original layout of keys was designed to minimize jamming of the mechanical parts of early typewriters.

The BAT was designed by Infogrip, Inc. to bring keyboard technology into the 20th century. Its sensitivity to human thought/response patterns and body mechanics allows users to work more efficiently and comfortably.

## The Product

The BAT plugs into a standard serial port (RS232). It works with IBM PCs, IBM PC compatibles, and Macintosh computers and can be adapted to any computer.

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