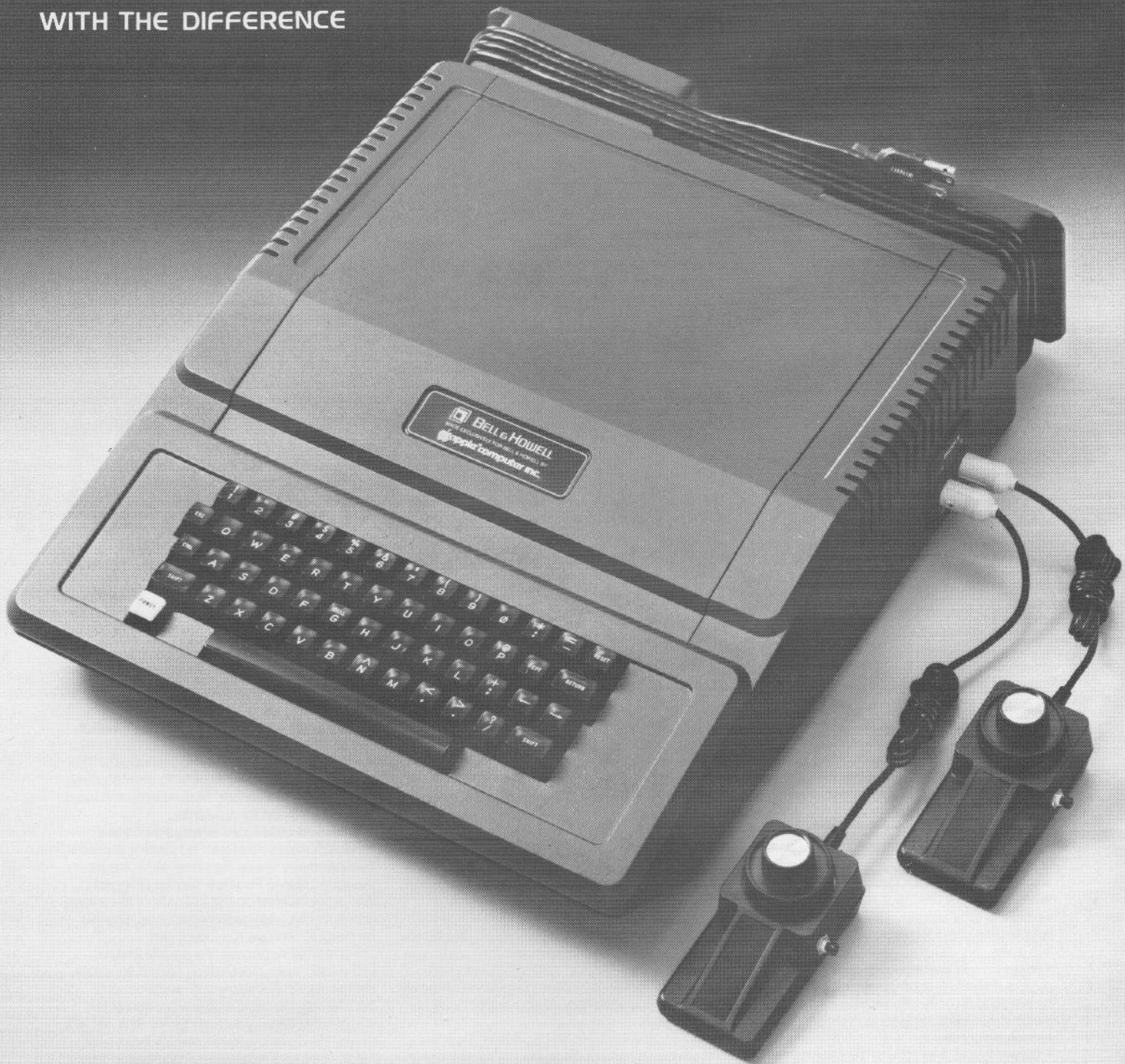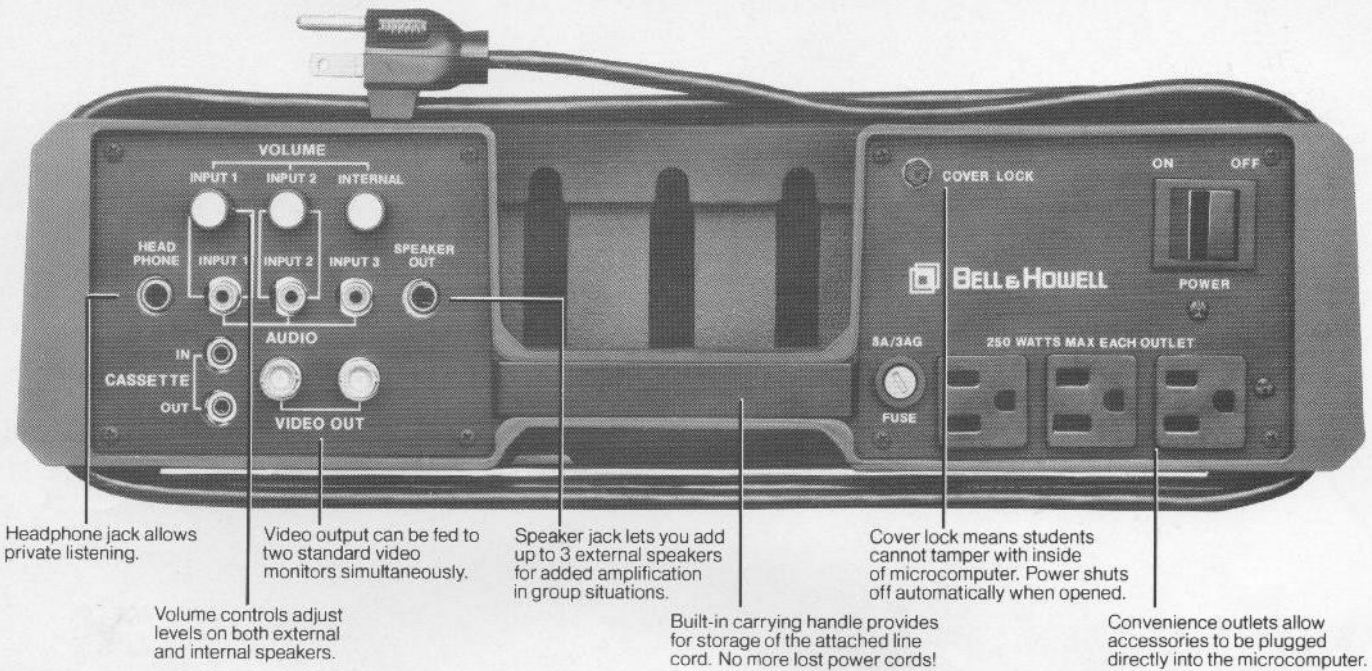# THE MICROCOMPUTER SYSTEM
WITH THE DIFFERENCE

Modifications made to the newest Bell & Howell Microcomputer improve the versatility of the unit and provide additional features not available on the basic microcomputer system.

3016D 16K Bytes RAM
3032D 32K Bytes RAM
3048D 48K Bytes RAM

Headphone jack allows private listening.

Volume controls adjust levels on both external and internal speakers.

Video output can be fed to two standard video monitors simultaneously.

Speaker jack lets you add up to 3 external speakers for added amplification in group situations.

Built-in carrying handle provides for storage of the attached line cord. No more lost power cords!

Cover lock means students cannot tamper with inside of microcomputer. Power shuts off automatically when opened.

Convenience outlets allow accessories to be plugged directly into the microcomputer.

SPECIFICATIONS AND FEATURES

Now, the newest Bell & Howell Microcomputer gives you even more dependability, portability, convenience, and economy.

New Power and Accessory Panel has been located at the rear of the unit, and designed in two sections joined together to give users a built-in carrying handle. One section of the unit contains the main power switch, three AC outlets, the main power fuse, and the cover lock. The other section has standardized connectors that control the input and output of audio, video and data signals. The built-in carrying handle also provides storage for the attached line cord.

• **Main Power Switch** controls three AC outlets that allow accessory equipment to be plugged directly into the microcomputer. It eliminates searching for outlets and extension cords.

• **Cover Lock.** A simple ¼" hexagonal nut screw device holds the top cover locked shut. When the screw is withdrawn, a built-in safety switch shuts off power to the microcomputer. This prevents the user from inserting interface cards while the power is on and thereby shorting out the entire system. Bell & Howell's Cover Lock also provides security by preventing users from tampering with the components.

• **Volume Controls** allow effective mixing of audio signals from different sound sources. The new, improved built-in 1 watt audio amplifier provides quality audio output. These controls allow you to mix the audio from three sources, including a music synthesizer, video or cassette tape player, and the internal audio speaker.

• **The Headphone Jack** permits private listening without disturbing others in the classroom or office. Standard ¼" phonojack with audio cut-off automatically disengages both internal and external speakers when headphones are plugged in.

• In group situations, the **Speaker Jack** provides for the use of a speaker system external from the microcomputer.

• **Standard ¼" Phonoplug Cassette Input and Output Jacks** give convenient access for feeding data into the computer and for recording the data output.

• High-quality, low-loss **BNC Video Output Jacks** allow the video output to be fed to two standard video monitors simultaneously. The system permits the instructor to view student work or lets the teacher demonstrate and have a viewing station for students.

• **Attached Line Cord** wraps around the module for easy storage…no more lost cords.

Easy Access Game Paddles. Now, the newly designed Game Paddles may be plugged into jacks located on the left side of the microcomputer for easy external access. There's no need to remove the top cover!

For added economy, the paddles have individual connectors which permit separate replacement. For more convenience, one paddle may be used at any time, and either paddle may be plugged into either jack. What's more, the 8-pin D.I.N. connector jacks and plugs are more rugged for long trouble-free service.

New Shift Key Function allows for easy use of both upper and lower case characters with appropriate software.
UL Listed.

BELL & HOWELL
AUDIO-VISUAL PRODUCTS DIVISION
7100 N. McCormick, Chicago, IL 60645

M. H. MARTIN COMPANY
1118 LINCOLN WAY EAST
MASSILLON, OHIO PHONE 832-7467

8bitsystem.com

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