

PC Enterprises'

# Combo Cartridge

Version 3.0



## Combo Cartridge v3.0

*Four Great Cartridges Combined into One!*

If your PCjr has not already been set up at this time, please do so before installing this option.

This carton should contain the following:

- Combo Cartridge— Version 3.0
- Keyboard Buffer Cartridge Manual
- jrVideo Cartridge Manual
- QuickSilver Cartridge Manual
- Compatibility Cartridge Manual

Please inspect this package to determine whether any item appears missing or damaged. If any item is missing or damaged, report the item to the place of purchase as soon as possible.

## Combo Cartridge v3.0 Command Summary

This manual serves as a quick reference guide for PCjr users who wish to start using the Combo Cartridge v3.0 before they take time out to read the enclosed manuals. Please refer to the individual manuals if you have any questions.

Most Combo Cartridge v3.0 features install automatically, as long as you are using the JRCONFIG.SYS device driver. The JRCONFIG.SYS device driver is provided on the Memory Management Software diskette.

If for any reason you can not use JRCONFIG.SYS, all Combo Cartridge v3.0 features will still work except for the Compatibility Cartridge level 2 patches.

To use the Combo Cartridge v3.0 simply plug it in, and make sure JRCONFIG.SYS is installed by the first line in your CONFIG.SYS file.

The appropriate switches (/ parameters) will vary from PCjr to PCjr, however most users should add the line:

```
DEVICE = JRCONFIG.SYS /V32 /Y1 /D1
```

This one line will:

- Recognize all of your PCjr's memory
- Install Compatibility Cartridge Level 2 patches
- Set up a 32K video buffer so 16-color software can run
- Install the Keyboard Buffer Cartridge routine
- Allow DOS to control 1 floppy diskette drive

PCjr users who wish to also use a ramdisk should also specify the /S option to set the ramdisk size, the /E3 option for maximum ramdisk entries, and /R:

```
Example: DEVICE = JRCONFIG.SYS /V32 /Y1 /D1 /S360 /E3 /R
```

Note: If you have more than one floppy diskette drive may still need to use /D1. If your second drive is controlled by DOS use /D2. If your second drive is controlled by PCE MICRODSK software use /D1.

## **KEYBOARD BUFFER CARTRIDGE**

All features, except one, install automatically when /Y1 or /Y2 is used in the line that installs JRCONFIG.SYS.

Most PCjr users should use the /Y1 option. If you hear a beep each and every time you press, or release a key, use the /Y2 option instead.

### *Optional command: JRSYNC47*

Use this command to replace the usual 15 character keyboard buffer with a 47 characters buffer. **This command was made optional for compatibility reasons.** If you encounter a program that **does not work** with a 47 character buffer do not use this command. To date, very few compatibility problems which concern this command have been reported.

## **JRVIDEO CARTRIDGE**

All features, except one, are automatic.

### *Optional command: JRVINT21*

Use this command to activate DOS support of the speedup routines. This command has been made optional because the PCjr becomes too fast for some PCjrs once the JRVINT21 routine is used.

**Note:** Do not use the JRVBUFDD.SYS program at all. The JRCONFIG.SYS (v3.02) utility, which has been distributed on the Memory Management Software diskette, contains the features of the JRVBUFDD.SYS, plus more.

## **QUICKSILVER**

All features are automatic.

## COMPATIBILITY CARTRIDGE

All features install automatically (as long as you are also using JRCONFIG.SYS v3.02 or later).

*PCjr's 62-key keyboard users:*

Use the **Fn** key instead of the **Alt** key to generate all characters which have blue legends on the PCjr keyboard.

*New Keyboard Commands:*

<b>Ctrl-Alt-R</b>	Reset floppy drive, sound, and video
<b>Ctrl-Alt-V</b>	Change video mode
<b>Ctrl-Alt-A</b>	Change audio mode
<b>Ctrl-Alt-I</b>	Allow built in commands to work
<b>Fn-F</b>	Improved function lock
<b>Fn-N</b>	Improved NUM lock
<b>Fn-Caps Lock</b>	Numeric keypad 5 key
<b>Fn- .</b>	Numeric keypad * key

Note: You do not need to enter the JRSYNC47 and JRVINT21 each time you start your computer. Instead, you can add these commands to your AUTOEXEC.BAT file. Refer to your DOS manual if you do not know how to create an AUTOEXEC file.