

Diamond Computer Systems, Inc.

# **WPC Bridge**

## **Quick Start Tutorial**

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## WELCOME

Thank you for purchasing the Cordata WPC Color Bridge. We know you are eager to use your computer, and this booklet will tell you what to do, step by step, so you can't fail even if this is your first experience with one. The most important purpose of this book is to get you started as quickly and easily as possible. We're sure you will find it fun, too. For other important and more detailed information about your computer and its operating system, we suggest that you read your WPC Bridge User Guide, CS45 User Guide, and your MS-DOS User Guide.

## UNPACKING AND CONNECTING YOUR SYSTEM

To unpack and connect your system, refer to the binder labeled WPC Bridge User's Guide/CS 45 User's Guide/MS-DOS 3.3. The section of your CS 45 User's Guide entitled "Setting Up the System" gives you information on selecting your computer site, and tells how to unpack and connect portions of your computer on pages 2-1 through 2-7, 2-10, and 2-11. **DO NOT REFER TO PAGES 2-8 AND 2-9 FOR MONITOR CABLE AND POWER CONNECTIONS.** For proper connection of your monitor refer to the next paragraph in this booklet entitled "Connecting your WPC Bridge Monitor".

## CONNECTING YOUR WPC BRIDGE MONITOR

Follow the instructions below for connecting your monitor:

- Connect the cable that is coming out from the left of the GAME port to the VIDEO port located left of the SERIAL and PARALLEL ports.
- Connect the monitor signal cable (the one with the 9-pin male connector) to the VIDEO port located to the right of the GAME port.
- Plug the monitor power cord into a three (3) prong power outlet.

## STARTING YOUR BRIDGE SYSTEM

Your next step is to run the BRIDGE STARTUP diskette by following the instructions in the next paragraph. This diskette is contained in the envelope attached to this booklet. The envelope also contains a new, blank diskette and diskette label. You will need to have these items handy. The STARTUP disk will use the blank diskette to create your own BOOT diskette. Once this boot diskette is created, you will label the disk using the blank label provided in the envelope. You will use the BOOT diskette each time you start your computer.

## RUNNING THE BRIDGE STARTUP DISKETTE

The very first time you begin a session with your computer, you follow these steps:

- Insert the STARTUP diskette in the TOP drive (the MS-DOS drive). Locate the MS-DOS drive, the Apple drive, the ON/OFF button, and the reset button.
- Push the ON/OFF button to ON. If the computer is already on, you may press the RESET button. You will see some copyright notices and other boot-up messages. Then the screen will appear welcoming you to the Bridge system.
- Read the information presented, and choose to make a BOOT diskette when you are asked if you need to create one. Follow the instructions on the screen to create the BOOT diskette using your new blank diskette.
- Once you have created the BOOT disk and progressed through the instructions on how to use it, you can choose to learn about other important Bridge system concepts, or exit the STARTUP program and run a program of your choice. Do not forget to label the BOOT diskette.

You can run the STARTUP diskette to create another BOOT diskette or learn about the Bridge system at any time by simply following the preceding steps.

## USING THE BOOT DISKETTE

After you have used the STARTUP diskette to create a BOOT diskette, you will want to use the BOOT diskette from now on when you start your computer. It's easy. You just:

- Insert your BOOT diskette into the TOP drive and close the drive door.
- Push the ON/OFF button to ON. If the computer is already on, you may push the RESET button.
- The BOOT diskette contains programs to allow you to switch between Apple and MS-DOS mode. You can run an Apple program (as taught on the STARTUP diskette), or an MS-DOS program.

The Bridge Startup menu will appear and tell you that you are currently in the IBM compatible mode. If you want to use the Apple mode you are given the following two (2) options:

- 1 Switch to Apple Mode
- 2 Run the Apple mode setup program

If you select option 1, you will enter the Apple mode (See USING THE APPLE MODE, the next section of this booklet) and can now run any of your Apple programs.

If you select option 2, you will enter a configuration program (BRUTIL) which you may use to configure any of the Apple related devices or function keys. Refer to your WPC Bridge Manual (Chapter Three, Installing the Software, and Chapter Six, Features and Functions) for more information on configuring your Apple mode devices.

If you do not select either 1 or 2, you will remain in the MS-DOS mode (See USING THE MS-DOS MODE section of this booklet).

## USING THE APPLE MODE

If you configured your Bridge System to run in high compatibility mode (that is, using FPBASIC) when running Apple software, your screen will now instruct you to place a diskette containing FPBASIC in the BOTTOM drive, close the drive door, and press the ENTER key. If, however, you want to run an Apple program that does not require FPBASIC, you would press the SPACE bar, without placing FPBASIC in the BOTTOM drive, and continue running standard compatibility.

The next screen will give the option to boot from the following Apple drives:

- 1 Boot from the External Apple Drive
- 2 Boot from Drive-A: (Apple format)

The BOTTOM drive in your computer is an External Apple Drive. Although your TOP drive (the MS-DOS drive called Drive A:) is configured to read and write either Apple or MS-DOS diskettes, the BOTTOM drive may be required to load software from "half-tracked" diskettes.

If you selected option 2, you will be instructed to place your Apple program diskette in Drive A: and press the ENTER key.

Your Apple program will now load and will be available for use according to that program instruction manual.

## USING THE MS-DOS MODE

After starting your computer and booting with your BOOT diskette, the computer is automatically in the MS-DOS mode. The computer will stop at the A symbol, which is commonly referred to as the system prompt. At the A: prompt, you may load and run an MS-DOS program or use any of the MS-DOS commands.

To run an MS-DOS program, place the program diskette in Drive A: and type the loading command as specified in the instructions for that program.

At the A: prompt, to execute an MS-DOS command, type the command name according to the syntax specified in the MS-DOS manual. It is important to note that MS-DOS contains two kinds of commands - Internal

and External. MS-DOS Internal commands are always available at the system prompt any time after booting. Instead, MS-DOS External commands must be loaded at the time of use. This means that to execute an External command you must have the MS-DOS diskette in Drive A: before typing the name of the command at the system prompt. As an example, the following sections of this booklet will guide you now through the execution of two very useful MS-DOS External commands.

## FORMATTING DISKETTES

Because the computer can only record information in a certain way, it is necessary for you to prepare your new diskettes before you can save information on them. Your WPC Bridge can use any 5.25" soft-sectored, 40 track, double-density, double or single-sided diskettes. To prepare a new diskette for use in the computer you need to execute the FORMAT command.

To do so, insert the MS-DOS diskette in Drive A: (the TOP drive) and at the A: prompt, type:

FORMAT A:

Press the ENTER key and follow the instructions that appear on the screen. The diskette will be "formatted" automatically. For additional information on this command, refer to your MS-DOS manual.

## PROTECTING THE INFORMATION ON YOUR DISKS

Your system program diskettes (those included with your WPC Color Bridge) are a very valuable part of your computer system. Since they are your masters, you will want to make a copy of them and put your original copies away in a safe place. You will also want to make copies of application programs and data diskettes.

We will first make a copy of your MS-DOS diskette.

- Make sure your MS-DOS diskette is "write-protected". "Write-Protected" means that you may read the information on the diskette but you can not write more information on it. If one is not

already there, affix a write-protect tab over the notch on the right upper side of your MS-DOS diskette where you read the label. Write-protect tabs usually come with most boxes of blank diskettes. If you are temporarily out of tabs, opaque tape will do.

- To make a working copy of MS-DOS do the following:

At the A: prompt, type:

```
DISKCOPY A: B:
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and then press the ENTER key. You will be instructed to insert your SOURCE diskette in Drive A: and your TARGET diskette in Drive B:. The SOURCE diskette is the one you want to make a copy of, in this case the MS-DOS diskette which already is in Drive A:. The TARGET diskette is the diskette that will contain the copy of your original. When prompted to insert the TARGET diskette in Drive B:, place a blank diskette in Drive A: and press ENTER to copy.

The computer will make a copy and will tell you when the copy has been completed. At this point you can remove the diskettes. Always wait for the light on the drive to go out before removing a diskette.

When the copy is complete, the system will ask you if you want to make another copy. If you answer No, you will return to the system prompt. If you answer Yes, you will be instructed to insert the SOURCE diskette for a new copy.

After copying your system diskettes, you can make other copies at any time by first loading the DISKCOPY command from your MS-DOS system disk (remember, DISKCOPY is an External command).

- Place your MS-DOS diskette into Drive A:. Type DISKCOPY A: B: and press the ENTER key. The screen will request the insertion of your SOURCE and TARGET diskettes in Drive A: and Drive B:.
- Remove your MS-DOS diskette from Drive A: and place your SOURCE diskette in Drive A:. Place your TARGET diskette in Drive A: when it asks you to put in the TARGET disk in Drive B: and press the ENTER key.
- Follow the above instructions to copy all of your system diskettes.

For more information about the DISKCOPY command see your MS-DOS manual.

## **FINALLY**

This booklet has introduced you to some of the basic features of your system.

You should, however, read your WPC Bridge User's Guide, CS45 User's Guide, and your MS-DOS manual for important and detailed information about your computer and its operating system.

Thank you for choosing the Cordata WPC Bridge Computer.





