



**Tower CD/DVD
Duplicator
User's Guide**

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Menu Items

After switching on your duplicator, pressing the “MODE” button will present you with a number of options...

Copy: This is the primary function of the duplicator. When set to Copy, the duplicator will transfer the contents of the Reader or current Hard Drive partition to any blank discs in the Writers.

Copy + Compare: Like the “Copy” function, but followed by the Compare function (see “Compare”).

Emulate: Like the “Copy” function, but nothing is actually written to the blank discs. Used for testing Master disc readability and hardware.

Compare: This function will compare bit-for-bit the source disc and destination discs and will report an error if the two sets do not match. This function does not work with Audio or VCDs (see also “Verify”).

Verify: Verification compares the structure of the discs in any drive against the industry standard. This function is good for verifying that your source disc is a suitable Master and can be read in most standard devices.

Load: If your unit has a Hard Drive, this function is used to load a Master disc onto its current partition. A Master must first be loaded to the Hard Drive before the Copy function can be used. You may also set the duplicator to work in CD-to-CD mode which will make the duplicator temporarily act as if a Hard Drive is not present (see “Using CD-to-CD Mode”).

External: If you purchased a model of duplicator that can be attached to a computer, this function allows your computer to use the Writers. Turn on the unit, select this function, then attach to and boot up your computer.

Using CD-to-CD Mode

If your unit has a hard drive, you must load your master disc to it before you can make copies. If you would like to bypass your hard drive and copy straight from the master to the blank discs, you may switch into CD-to-CD mode.

1. First, press and hold the “MODE” Button for a moment until you hear a rapid beep.
Release the button, the display should read **SETUP**.
2. Press “GO” until the display reads **CD to CD**.
3. Press the “MODE” button so the display reads **CD to CD, Yes**.
4. Press the “GO” button to confirm your selection. The display should now read **COPY**.
5. You may now continue using the “*Duplicating Without a Hard Drive*” guide.
When you turn off your unit, it will revert back to hard drive mode.

Duplicating Without A Hard Drive

1. First, turn on your duplicator. Wait a moment until **COPY** is displayed. Press the eject button on each CD Recorder and place a blank CD-R disc in the tray. You do not have to fill them all.
2. Open the CD Reader (typically, the top-most CD Drive) and place your master disc in the tray.
3. Close all the CD Recorders. Wait a moment until the lights on the front of each are steady or off. Close the CD Reader.
4. The duplicator should display **ANALYSE** for a moment while the CD Reader checks your master. It will then display a counter: **L00** for how many minutes of data read and **C00** for how many minutes of data copied to each CD Recorder. If you did not put a blank disc in every CD Recorder, the duplicator will ask you to verify how many copies you would like. For example:
3 START> You may then press the **"GO"** button to record 3 copies, or, open empty CD Recorders and add more blank discs.
5. When the duplication is complete, a tone will sound and successful copies will be ejected.

Duplicating With A Hard Drive

1. First, turn on your duplicator. Wait a moment until **COPY** is displayed.
2. Press the **"MODE"** button until **LOAD** is displayed. Open the CD Reader (typically, the top-most CD Drive) and place your master disc in the tray.
3. Close the CD Reader. The duplicator should display **ANALYSE** for a moment while the CD Reader checks your master. It will then display a counter: **L00** for how many minutes of data read to the Hard Drive.
4. When loading is complete, a tone will sound. You may remove your master disc and open the CD Recorder trays. Place a blank disc in each.
5. Press the **"MODE"** button until **COPY** is displayed, then close the CD Recorders. After a moment, it will display a counter: **L00** for how many minutes of data read from the Hard Drive and **C00** for how many minutes of data copied to each CD Recorder.

If you did not put a blank disc in every CD Recorder, the duplicator will ask you to verify how many copies you would like. For example: **3 START>** You may then press the **"GO"** button to record 3 copies, or, open empty CD Recorders and add more blank discs.

6. When the duplication is complete, a tone will sound and successful copies will be ejected.

Changing the Hard Drive Partition

If your unit has a hard drive, you can store over 26 individual CD "images". Images are stored on sections of the hard drive called partitions. When you load a new image to the hard drive, it will erase the image residing in the current partition. To store more than one image on the hard drive, you will need to select another partition.

1. First, press and hold the "MODE" Button for a moment until you hear a rapid beep.
Release the button, the display should read **SETUP**.
2. Press "GO" until the display reads **HDD Partition**.
3. Partitions are represented by letters of the alphabet. Your current partition will be displayed.
Press the "MODE" button to switch to another letter/partition.
4. Press the "GO" button to confirm your selection. Press "GO" until the display reads **SETUP** again.
5. Press and hold "MODE" until you hear a rapid beep. You may now continue to load as usual. The new image loaded will be placed in the new partition, leaving the image in the previous partition untouched.
You may switch back to the previous partition and copy from it at any time.



KEEP YOUR PACKAGING!

In the event that your unit needs to be returned to Essential Data, only the original packing should be used. Improperly packed returns may be refused and may also **void your warranty!** If your original packaging has been lost or destroyed, please follow these guidelines:

Always double-box your package to protect from jarring and punctures that can occur in transit.

Crumpled or shredded paper as packaging material is **not** acceptable!

Styrofoam "peanuts" are **not** acceptable if used in the same box as the unit. They may be used in an outer box.

Ensure your unit is secured in place and that it does not shift when the box is transported.

If you do not have proper packaging material or are unsure if you can pack your unit properly, you may take your unit along with these guidelines to a Post Office or shipping facility that will do it for you.

Note: Returned items must be accompanied by a Return Merchandise Authorization (RMA) number clearly written on the outside of the packaging. RMA numbers are issued by Essential Data customer service. Units returned without an RMA number may be refused!

SMOKING ADVISORY!

We do not recommend smoking or burning incense near this or any air-cooled computerized device.

Cooling fans draw in airborne particles which coat sensitive electronics and optical components. This can lead to erroneous copies, intermediate or even total failure of the unit. If we determine failure of your unit was caused by smoke residue, your warranty **will** be voided.