

# **Aleratec™**

**[www.aleratec.com](http://www.aleratec.com)**

*The Prosumers' Choice*

## **USER GUIDE**

### **Aleratec DVD/CD Stand-Alone Duplicators**



**Part No. 260155 ..... 1:1 DVD/CD Copy Cruiser Pro HS™**

**Part No. 260156 ..... 1:1 DVD/CD Copy Cruiser Pro HLS™**

**Part No. 260157 ..... 1:2 DVD/CD Copy Cruiser Pro HLX™**

## Copyright/Model Identification

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Please record the following information to help expedite any warranty claim:

Model No. \_\_\_\_\_ Serial No. \_\_\_\_\_

Date Purchased \_\_\_\_\_

Place of Purchase \_\_\_\_\_

## Radio/TV Interference Statement

The equipment described in this guide emits radio frequency energy. If it is not installed in accordance with the manufacturer's instructions, it may cause interference with radio or television reception.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses, and can radiate radio frequency energy. If not installed and used in accordance with the instruction manual, this equipment may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be verified by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment to an electrical outlet on a circuit that is different from the circuit to which the receiver is connected.
- Consult your dealer or an experienced radio/TV technician for help.

This equipment has been certified to comply with the limits for a Class B computing device, pursuant to FCC Rules. In order to maintain compliance with FCC regulations, shielded cables must be used with this equipment. Operation with non-approved equipment or unshielded cables is likely to result in interference to radio and TV reception. The user is cautioned that changes and/or modifications made to this equipment, without the approval of manufacturer, could void the user's authority to operate this equipment.

# Safety Regulations

## WARNING

To prevent fire or shock hazard, do not expose the unit to rain or moisture.

To avoid electrical shock, do not open the cabinet. Refer servicing to authorized personnel only.

## CAUTION

As the laser beam in these DVD/CD Duplicators is harmful to the eyes, do not attempt to disassemble the cabinet. Refer servicing to authorized personnel only.

The use of optical instruments with this product will increase eye hazard.

This DVD/CD Duplicator is classified as a  
CLASS 1 LASER PRODUCT.

The CLASS 1 LASER PRODUCT label is  
located on top of the internal drive enclosure.

CLASS 1  
LASER PRODUCT  
-----  
LASER KLASSE 1  
PRODUKT

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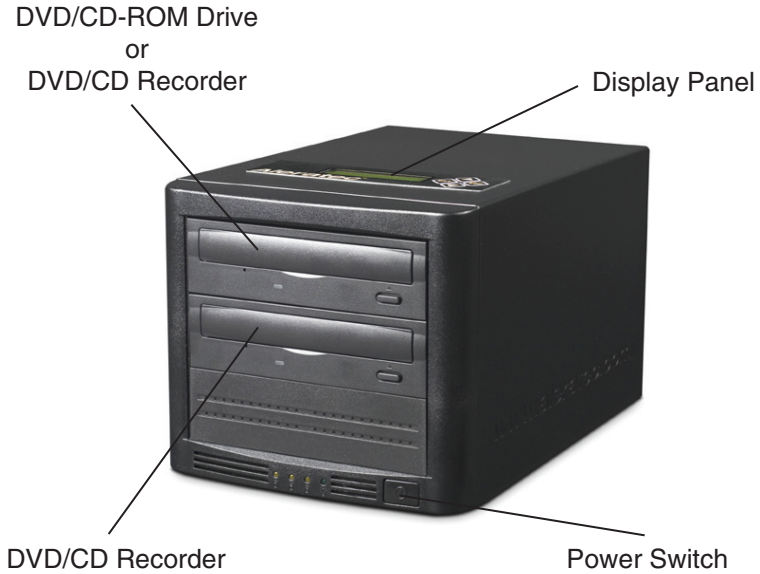
# Introduction

Thank you for purchasing this DVD/CD Duplicator. Please read this User Guide thoroughly before using this product.

- Page 3 shows the front panel of the DVD/CD-ROM drive and the DVD/CD Recorder used in the P/N 260155 and P/N 260156 DVD/CD Duplicators.  
**Note:** The DVD/CD-ROM drive is the top drive. In the P/N 260157 DVD/CD Duplicator, both drives are DVD/CD Recorders.
- Page 4 shows the Duplicator LCD Display Panel.

# Introduction

## Key Items – DVD/CD Duplicator



**Note:** Choose a Good Location

1. Allow adequate clearance for moving parts.
2. Do not place near heat sources such as radiators or air ducts, or in a place subject to direct sunlight, excessive dust, mechanical vibration or shock.
3. Good care will help assure maximum product life. Improper operating environment and misuse may void the warranty.



# Introduction

## Front Panel



### 1 Disc Tray

This tray is for loading the disc. It will accept 120 mm and 80 mm discs. Please place the disc in the exact center of the tray.

### 2 Emergency Eject Pinhole

In the event of loss of power or failure to open the tray by pressing the Eject button, insert the straightened end of a large paper clip or similar rigid object into the Emergency Eject hole to open the tray.

### 3 Drive LEDs

This indicator lights up when data is being accessed or when data is being recorded on a disc.

### 4 Eject Button

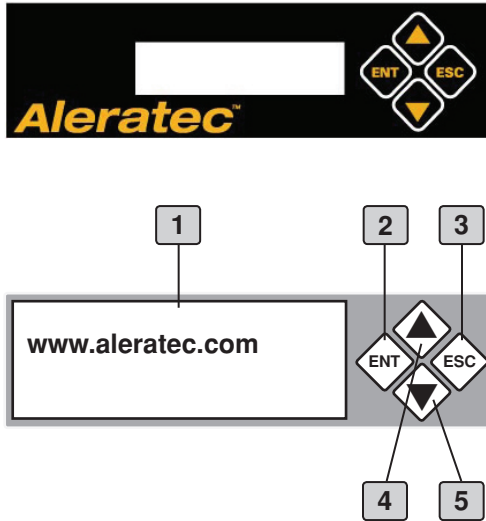
This button is used to open or close the tray.

**Note:** Part Numbers 260155 and 260156 – DVD/CD-ROM Drive (Top) and DVD/CD-Recorder (Bottom).

**Note:** Part Number 260157 – top drive in is a second DVD/CD Recorder.

# Introduction

## DVD/CD Copy Cruiser Pro Display Panel



1. Display shows all functions and messages
2. **ENT** button is used to execute a selected function
3. **ESC** button is used to cancel a selected function
4. Up arrow is used to scroll up through functions or menus
5. Down arrow is used to scroll down through functions or menus

# Precautions

Before installing your DVD/CD Duplicator, please read the following.

## Installation

Avoid placing the DVD/CD Duplicator in a location subject to:

- High humidity
- High temperature
- Excessive dust
- Mechanical vibration
- Direct sunlight
- Electromagnetic radiation

## Operation

Do not move the DVD/CD Duplicator during operation. This may cause it to malfunction during operations.

Avoid exposing the duplicator to sudden changes in temperature as condensation may form on the lens inside the duplicator. Operating the duplicator immediately after a sudden increase in temperature may result in a malfunction during playback or writing operations.

**Note:** The DVD/CD Duplicator must never be cleaned with a lens cleaning kit!

## Transportation

Keep the original packing materials for future moving or shipping of the DVD/CD Duplicator.

# Overview

## Main Menu

This section provides a listing of the functions on the DVD/CD Duplicator. Detailed descriptions of each function are given in the next section. The functions are numbered for easy reference; these numbers are also used in the next section.

There are 12 main menu items that will display in the DVD/CD Duplicator Display Panel. These are:



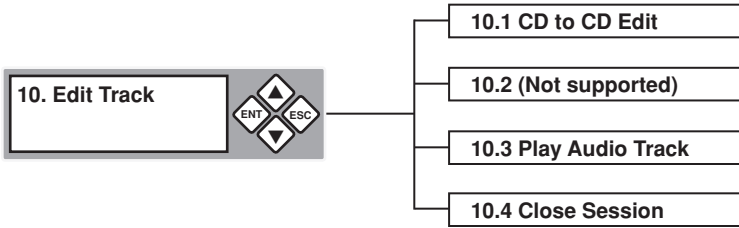
**Note:** Main Menu items “Select Source” (number 8) and “Image” (number 9) are not supported.

**Note:** Main Menu items “Edit Track” (number 10) is for Audio disc only.

# Overview

## Subfunctions

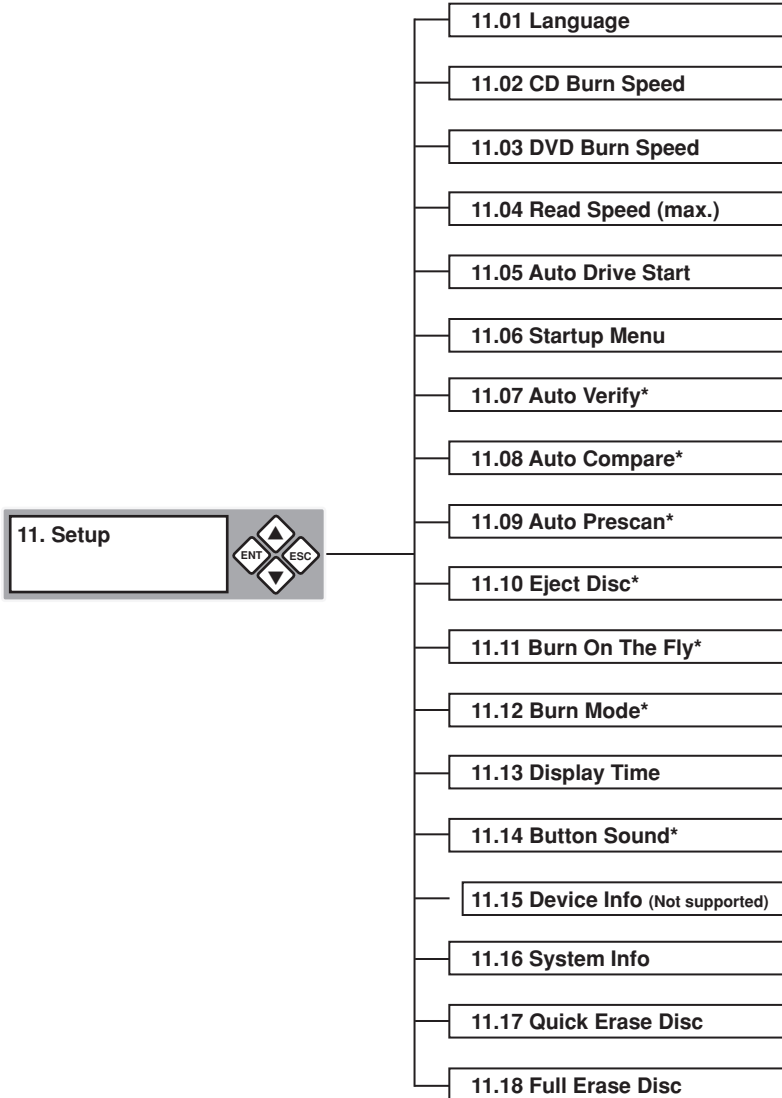
The main menu “Edit Track” (for Audio disc only) function has 4 subfunctions. These are:



# Overview

## Subfunctions - *continued*

The main menu “Setup” function has 18 subfunctions. These are:

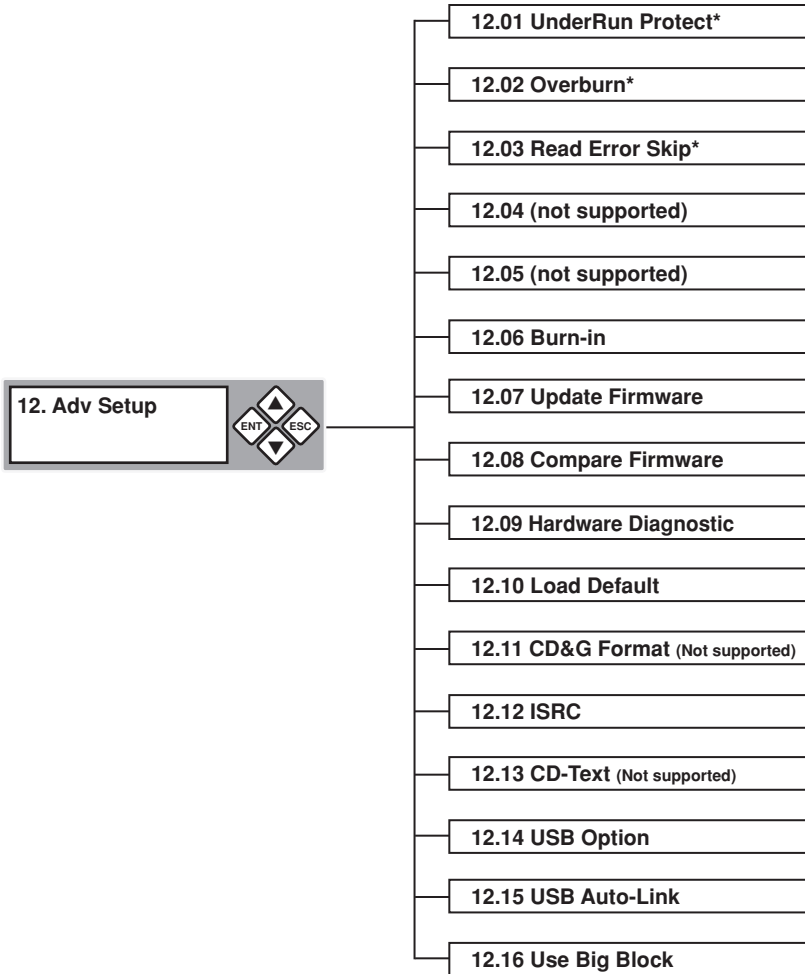


**Note:** For functions with options, the default setting (where applicable) is indicated with an asterisk (\*).

# Overview

## Subfunctions - *continued*

The main menu “Adv Setup” (Advanced Setup) function has 16 subfunctions. These are:



**Note:** For functions with options, the default setting (where applicable) is indicated with an asterisk (\*).

# Using the DVD/CD Duplicator

## Inserting Discs

1. Press the Eject button on the DVD/CD Recorder.
2. Place the disc in the tray. The printed (non-shiny) surface of the disc should be up.
3. To close the tray, press the Eject button or lightly push the front center of the tray.

### Note:

- Never place two discs in the tray at the same time.
- Do not touch the surface of the disc where it has been recorded.
- When using a 120 mm disc, please place it in the center of the tray where you are able to see the larger position specifically for the 120 mm disc.
- When using a 80 mm disc or Business Card CD-R, please place it in the center of the tray where you can see the position for the 80 mm disc.

## Ejecting Discs

Disc copies will Auto Eject upon completion of a successful copy. Discs can also be manually ejected from the drives.

1. Press the drive's Eject button.
2. Carefully lift the disc from the tray.
3. To close the tray, press the Eject button or lightly push the front center of the tray.

### Note:

- After the tray has been ejected and the disc has been removed or placed onto the tray, make sure to close the tray to its original position to avoid the accumulation of dust or miscellaneous items inside the tray.
- In case of emergency, insert the straightened end of a large paper clip or similar rigid object into the Emergency Eject Pinhole to open the tray. Then gently pull the tray out.



# Using the DVD/CD Duplicator

## Power Up Sequence

During the normal powering up sequence the DVD/CD Duplicator will perform a self-test sequence.

## Quick Operating Sequence Overview

- Select Copy function by pressing arrow button. Place the source DVD or CD in the top drive. Place blank DVD-R/RW, DVD+R/RW, CD-R/RW, or CD-RW media in the DVD/CD-Recorder. After the recorder detects the blank DVD/CD disc, press the **ENT** button to start copying.
- When Copy is completed, a good disc copy will be ejected automatically. Failed discs will remain in the DVD/CD-Recorder and can be ejected manually. (Default setting: a good disc will be ejected. This can be changed; see the Set Up section.) For continuous duplication, reload blank discs into the DVD/CD-Recorder and repeat the procedure.
- A failed disc will remain in the DVD/CD-Recorder. (Default setting: A failed disc is NOT ejected.) To manually eject a disc, press the **ENT** button to eject a failed disc or press the eject button on the DVD/CD-Recorder to eject the disc.

# Using the DVD/CD Duplicator

## Main Menu

Functions are selected with the arrow keys. The numbers correspond to the Function listing in the previous section.

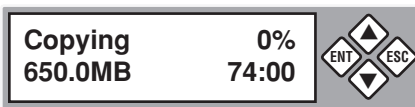
## Copy

During the duplication process, data will be written to a blank DVD-R/RW, DVD+R/RW, or CD-R/RW disc loaded in the Duplicator. Before starting the duplication process, please make sure the source DVD/CD is placed in the DVD/CD-ROM drive.

1. Place a blank DVD-R/RW, DVD+R/RW, or CD-R/RW disc into the DVD/CD-Recorder; when the DVD/CD-Recorder detects the disc is present, press the **ENT** button, and the duplicator will start copying.



2. The LCD will display the status of the copying process.



3. When Copy is finished, the finished copy will be ejected automatically. Any failed discs will remain in the DVD/CD-Recorder. Press the **ENT** button to eject any failed discs.



**Note:** DVD-RW, DVD+RW, and CD-RW discs which already contain data can also be used as blanks in the DVD/CD Duplicator. Any data stored on -RW discs will be automatically erased before copying new data. Be sure you do not want data on DVD-RW, DVD+RW, or CD-RW discs inserted as blanks as any DVD/CD-RW discs inserted in the DVD/CD-Recorder to be used as blank media will automatically be erased, and then the content from the source disc will be recorded on them.

## Using the DVD/CD Duplicator

### Copy - *continued*

When copying audio CDs, it is highly recommended to copy at a speed of 16x or lower to ensure the best possible quality audio reproduction. Go to “Setup” and then “Burning Speed” to change copy speed before selecting tracks.

# Using the DVD/CD Duplicator

## Main Menu

### Test

This function is a test process that simulates data being written to the DVD/CD-R/RW disc, without actually burning a disc. When the test process is complete, the DVD-R/RW or CD-R/RW discs will remain blank. For DVD-RW or CD-RW discs that contain data, “Test” will quick erase all old data before simulation. Therefore, never perform “Test” on DVD/CD-RW discs that contain important data.

**Note:** Test is not supported by DVD+R/RW discs.

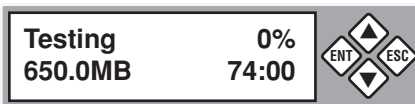
1. Press the **ENT** button to start the disc simulation, or press **ESC** to exit. Pressing **ESC** before the simulation is complete will not affect the DVD-R/CD-R disc and they will still remain blank.



2. For DVD/CD-RW discs that contain data, Test will perform a Quick Erase before the actual testing. Thus, never run Test on DVD/CD-RW discs that contain important data.



3. The LCD will display the status of the erasing and testing of the DVD/CD.



4. When the process is completed, the LCD will display the status.



# Using the DVD/CD Duplicator

## Main Menu

### Test & Copy

This function will run Test described above before automatically starting the Copy Function.

**Note:** Test & Copy is not supported by DVD+R/RW discs.

1. Press the **ENT** button to start the test and copy process. Before starting the Copy function, the Test function as described above will be performed.



2. When testing is completed, the duplicator will start writing data onto the DVD/CD-R/RW disc. When the process is completed, the LCD will display the status.



3. When the process is completed, the LCD will display the status.



# Using the DVD/CD Duplicator

## Main Menu

### Verify

This function will verify that the disc copies can be read correctly in a DVD/CD-ROM after duplication. Leave the source disc in the DVD/CD-ROM, and the duplicate disc in the DVD/CD-Recorder will be verified simultaneously.

1. Press the **ENT** button to start disc verifying, or press **ESC** to exit.



2. The LCD will display the status of the verification.



3. When the process is completed, the LCD will display the result.



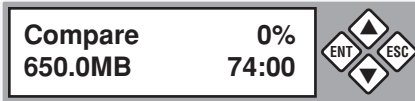
# Using the DVD/CD Duplicator

## Main Menu

### Compare

The function will compare the data on the source disc to the target discs after disc copy.

1. Press the **ENT** button to do the disc compare, or press **ESC** to exit. Press the **ENT** button again to show detailed “Compare” information. The LCD display shows information for the source.



2. When the comparison is completed, the LCD will display the result.



3. Press **ENT** again for the status of each copy.



4. If the compare result is identical, the LCD will display the message shown.



# Using the DVD/CD Duplicator

## Main Menu

### Compare - *continued*

5. If the comparison fails, the LCD will display the number of discs that failed and passed.



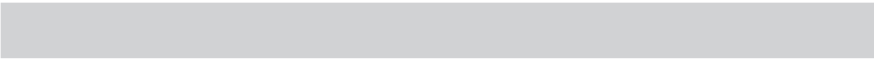
6. Press the ENT button again for the status of each copy.



7. If the comparison fails, the LCD will display the reason for the failure.







# Using the DVD/CD Duplicator

## Main Menu

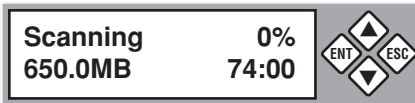
### Prescan

This function will scan the source disc and determine if it can be read correctly and test the reading speed. The reading speed of the source disc should be higher than the writing speed for the target disc(s).

1. Press the **ENT** button to prescan the disc, or press **ESC** to exit.



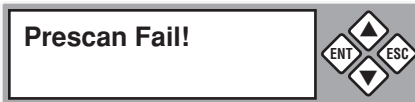
2. The LCD will display the status of the prescan.



3. If a disc can be read correctly, the LCD will display OK.



4. If it cannot read the source disc correctly, the LCD will display FAIL. A FAIL disc cannot be copied.



# Using the DVD/CD Duplicator

## Main Menu

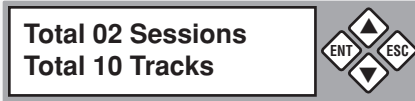
### Disc Info

This function will show the track information of the source disc.

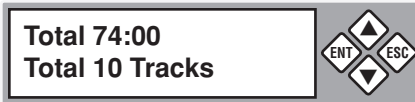
1. Press the **ENT** button to show the disc information, or **press ESC** to exit.



2. The LCD will display the results of the disc information.



3. Press the **ENT** button again and the LCD will display the time and capacity of the source disc.



4. Press the **ENT** button again, and use the arrow keys to display information on the sessions.



5. Press the **ENT** button again, and use the arrow keys to display information on the tracks.



## Using the DVD/CD Duplicator

### **Main Menu**

#### Select Source

Not supported.

#### Image

Not supported.

# Using the DVD/CD Duplicator

## Main Menu

### Edit Track

Edit Track is a function that allows you to create your own audio compilation CDs. Several tracks can be selected from different CDs and copied to one or more blank CDs. When copying audio CDs, it is highly recommended to copy at a speed of 16x or lower to ensure good quality audio reproduction. Go to “Setup” and then “Burning Speed” to change copy speed before selecting tracks.

This function includes 4 subfunctions. These are:

- 10.1 CD to CD Edit
- 10.2 (Not supported)
- 10.3 Play Audio Track
- 10.4 Close Session

# Using the DVD/CD Duplicator

## Main Menu

### Edit Track

#### 10.1 CD to CD Edit

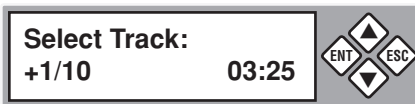
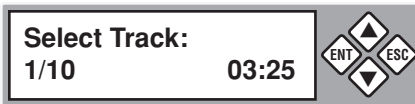
1. Insert a Source CD into the DVD/CD-ROM and the blank disc in the DVD/CD-Recorder.
2. Use Up Arrow or Down Arrow to scroll through the menu until “Edit Track” is displayed on the LCD screen. Press the **ENT** button to select or press **ESC** to go to the next setting.)



3. Select “CD to CD Edit” displayed on the LCD screen.



4. Press **ENT** and scroll to “Select Track” to select the track you want to copy. Press the **ENT** button to select the track, a “+” will appear by the track selected. Pressing the **ENT** button again will cancel the selection.



# Using the DVD/CD Duplicator

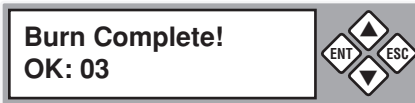
## Main Menu

### Edit Track - *continued*

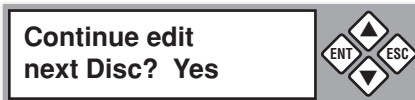
- Repeat for all tracks you want to copy. Then use the arrow keys to move to “End”, then press the **ENT** button to finish disc editing. Use the arrow keys to make “Yes” or “No” selection. Select “Yes” by pressing the **ENT** button.



- The LCD will display the status of the copying process. At the completion of the copying process, the LCD will display the “Burn Complete!” message. Press the **ENT** button to continue to step 7.



- The system will display: “Continue Edit”, “Next Disc? Yes”. Use the arrow keys to make “Yes” or “No” selection. To continue, select “Yes” to select tracks from the next disc. Repeat steps 1 - 7 above. If yes is selected, the source disc will be ejected. Insert another audio disc to be edited.



# Using the DVD/CD Duplicator

## Main Menu

### Edit Track - *continued*

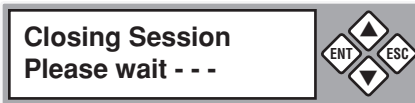
- When you have finished and the display shows: “Continue Edit”, Next Disc? Yes”, use the arrow keys to make “Yes” or “No” selection. Select “No”.



- The system will ask to close the disc session. “Close all disc’s session? Yes”. Use the arrow keys to make “Yes” or “No” selection. Select “Yes”.



- LCD display will show the process of closing the session: “Closing Session Please Wait ---”.



**Note:** You will NOT be able to use the new audio CD until you close the session.

- When the session is closed, this message will be displayed.





# Using the DVD/CD Duplicator

## Main Menu

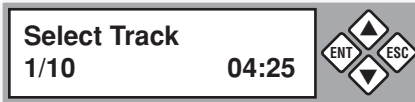
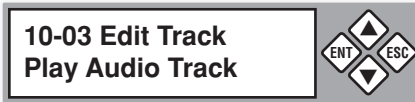
### Edit Track - *continued*

#### 10.2 (Not supported)

#### 10.3 Play Audio Track

By selecting “Play Audio” you can play music with your DVD/CD Duplicator. You can connect headphones or speakers to the headphone jack on the DVD/CD-ROM or the speaker jacks on the back of the unit.

1. Load the CD you want to play in that drive and press the **ENT** button to play music. Press **ESC** to index to the next setting.



# Using the DVD/CD Duplicator

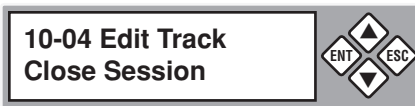
## Main Menu

### Edit Track - *continued*

#### 10.4 Close Session

Selecting “Close Session” will finalize the disc; no further data can be added. This function will make the disc readable on a normal CD player.

1. Press the **ENT** button to enter the setting, or press **ESC** to index to the next setting.



2. The system will ask to close the disc session. “Close all disc’s session? Yes”. Use the arrow keys to make “Yes” or ‘No” selection. Select “Yes”.



3. LCD display will show the process of closing the session: “Closing Session Please Wait ---”.



4. When the session is closed, this message will show the passed and failed discs.



# Using the DVD/CD Duplicator

## Main Menu

### Setup

You can change the original default settings using this setup menu. There are different settings to control the duplicator's operation. In general, using the original default settings for optimal performance is suggested.

This function includes 18 subfunctions. These are:

- 11.01 Language (LCD Type 1: English)
- 11.02 CD Burn Speed
- 11.03 DVD Burn Speed
- 11.04 Read Speed (Maximum)
- 11.05 Auto Drive Start
- 11.06 Startup Menu
- 11.07 Auto Verify
- 11.08 Auto compare
- 11.09 Auto Prescan
- 11.10 Eject Disc
- 11.11 Burn On The Fly
- 11.12 Burn Mode
- 11.13 Display Time
- 11.14 Button Sound
- 11.15 Device Info
- 11.16 System Info
- 11.17 Quick Erase Disc
- 11.18 Full Erase Disc

# Using the DVD/CD Duplicator

## Main Menu

### Setup

#### 11.01 Language (Optional)

This function selects the language shown on the display (English, Traditional Chinese, Simplified Chinese, and Japanese).

1. To select, press the **ENT** button, or **ESC** to exit.



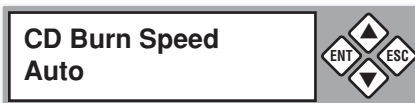
#### 11.02 CD Burn Speed

This setting controls the maximum CD writing speed of the DVD/CD-Recorders. The default setting is “Auto”, which will use the highest writing speed of the recorders. Sometimes maximum writing speed causes a high failure rate due to poor CD quality or unstable CD writing due to high speed. Lowering the writing speed will increase the probability of making successful copies.

1. Press the **ENT** button to change the setting, or **ESC** to exit.



2. Use the arrow buttons to select the desired speed, then press the **ENT** button.



# Using the DVD/CD Duplicator

## Main Menu

### Setup - *continued*

#### 11.03 DVD Burn Speed

This setting controls the maximum DVD writing speed of the DVD/CD Recorders. The default setting is “Auto”, which will use the highest writing speed of the recorders. Sometimes maximum writing speed causes a high failure rate due to poor CD quality or unstable CD writing due to high speed. Lowering the writing speed will increase the probability of making successful copies.

1. Press the **ENT** button to change the setting, or **ESC** to exit.



2. Use the arrow buttons to select the desired speed, then press the **ENT** button.



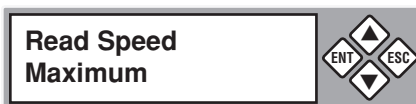
#### 11.04 Read Speed

This function sets the reading speed of the source DVD/CD-ROM.

1. Press the **ENT** button to change the setting, or **ESC** to exit.



2. Use the arrow buttons to select the desired reading speed, then press the **ENT** button.



# Using the DVD/CD Duplicator

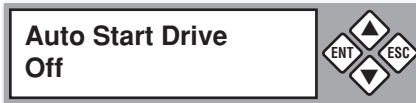
## Main Menu

Setup - *continued*

### 11.05 Auto Start Drive

The function of the Auto Start Drive is to copy or test automatically once blank discs are loaded into recorders.

1. Default setting is "Off". Press **ENT** button to change, or **ESC** to exit.



### 11.06 Startup Menu

This function selects the menu item that will be the first item shown on the display when you turn on the duplicator. The default setting is Copy.

1. Use the arrow buttons to select the desired item (1 - 11), then press the **ENT** button.



# Using the DVD/CD Duplicator

## Main Menu

Setup - *continued*

### 11.07 Auto Verify

This setting controls auto verify on the target discs.

1. Default setting is “Off”; press the **ENT** button to change, or **ESC** to exit.



### 11.08 Auto Compare

This setting controls auto compare of data between source and target discs after copying.

1. Default setting is “Off”; press the **ENT** button to change, or **ESC** to exit.



# Using the DVD/CD Duplicator

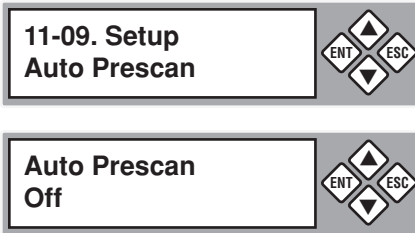
## Main Menu

Setup - *continued*

### 11.09 Auto Prescan

This setting controls auto prescan of the master to verify that it can be read properly, and also tests the reading speed.

1. Default setting is “Off”; press the ENT button to change, or ESC to exit.





# Using the DVD/CD Duplicator

## Main Menu

### Setup - *continued*

#### 11.10 Eject Disc

This setting controls the ejection of discs by the DVD/CD-Recorder. Three options are available: “Eject Good Only”, “Eject All Disc”, and “Do Not Eject”.

1. “Eject Good Only” will only eject the passed disc automatically and leave a failed disc in the DVD/CD-Recorder.



2. “Eject All Disc” will eject the disc, whether it has passed or failed.



3. If you select “Do Not Eject”, the disc will remain in the DVD/CD-Recorder when the job is done and you will have to eject the disc from the DVD/CD-Recorder manually. Press the **ENT** button to change the setting, or **ESC** to exit.



# Using the DVD/CD Duplicator

## Main Menu

Setup - *continued*

### 11.11 Burn On The Fly

If a disc that contains data is placed in the source drive it will automatically become the source and burn directly to the target drive with this setting “On”. This setting should always be “On”. Data will copy directly from the source drive to the target drives.

1. Default setting is “On”; press the **ENT** button to change, or **ESC** to exit.



### 11.12 Burn Mode

This setting controls the writing modes of the disc, including “Disc At Once” (DAO) or “Track At Once” (TAO).

1. Default setting is “DAO”. Press the **ENT** button to change, or **ESC** to exit.



# Using the DVD/CD Duplicator

## Main Menu

Setup - *continued*

### 11.13 Display Time

This setting controls the time display.

1. Default setting is “On”; press the **ENT** button to change, or **ESC** to exit.



### 11.14 Button Sound

This setting controls the button sound.

1. Default setting is “On”; press the **ENT** button to change, or **ESC** to exit.



# Using the DVD/CD Duplicator

## Main Menu

Setup - *continued*

### 11.15 Device Info

This function will show information about the DVD-ROM and the DVD-Recorder.

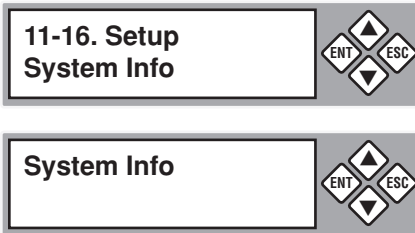
1. Press the **ENT** button to see Device Information, or **ESC** to exit.



### 11.16 System Info

This function will show the system information on the display.

1. Press the **ENT** button to see the system information, or **ESC** to exit.



# Using the DVD/CD Duplicator

## Main Menu

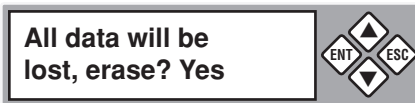
### Setup - *continued*

#### 11.17 Quick Erase Disc

This function is used for quickly erasing DVD/CD-RW discs.

**Note:** The Quick Erase Disc simply deletes the directory track, rather than deleting all the data from the disc (contrast this with Full Erase Disc).

1. Press the **ENT** button to enter Quick Erase Disc, or **ESC** to exit. Use the arrow keys to select Yes or No, and then press the **ENT** button to execute, **ESC** to go back.



2. When the process is finished the display will show the status.



# Using the DVD/CD Duplicator

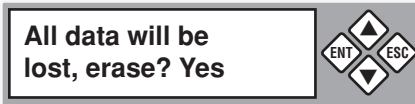
## Main Menu

Setup - *continued*

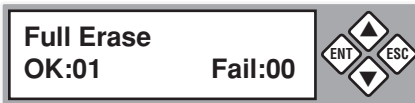
### 11.18 Full Erase Disc

This function is similar to the [Quick Erase Disc], except it removes all the data from the DVD/CD-RW disc. The more data on the DVD/CD-RW disc, the longer time it takes to erase the disc.

1. Press the **ENT** button to enter Full Erase Disc, or **ESC** to exit. Use the arrow keys to select Yes or No and then press the **ENT** button to execute, **ESC** to go back.



2. When the process is finished the display will show the status.



# Using the DVD/CD Duplicator

## Main Menu

### Advanced Setup

Some advanced setup functions allows users to change the system configuration. Modification should only be made when you are fully familiar with all the functions. To enter this function, press and hold the **ESC** button for about 2 seconds.

The main menu “Adv Setup” (Advanced Setup) function has 16 subfunctions. These are:

- 12.01 UnderRun Protect
- 12.02 Overburn
- 12.03 Read Error Skip
- 12.04 (Not supported)
- 12.05 (Not supported)
- 12.06 Burn-in
- 12.07 Update Firmware
- 12.08 Compare Firmware
- 12.09 Hardware Diagnostic
- 12.10 Load Default
- 12.11 CD&G Format (Not supported)
- 12.12 ISRC
- 12.13 CD-TEXT (Not supported)
- 12.14 USB Option
- 12.15 USB Auto-Link
- 12.16 Use Big Block

# Using the DVD/CD Duplicator

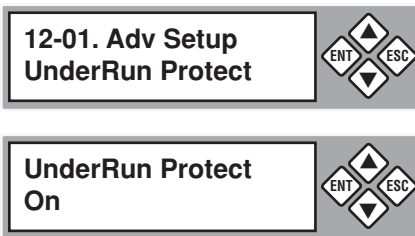
## Main Menu

### Advanced Setup - *continued*

#### 12.01 UnderRun Protect

This setting turns Buffer Under Run Protection (also known as “Burn Proof”, “SafeBurn”, “JustLink”, “Seamless Link”, etc.) on or off.

1. Default setting is “On”; press the **ENT** button to change, or **ESC** to exit.

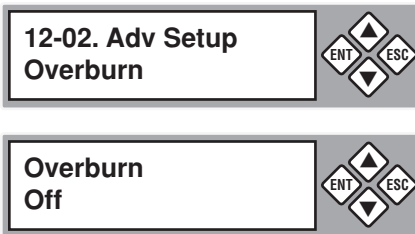


#### 12.02 Overburn

This function will allow you to burn a few MB more than the standard capacity of the target Audio CD (e.g. 75 minutes of recording time vs. 74 minutes).

You can activate the overburn function of the DVD/CD-Recorder through this setting.

1. Default setting is “Off”; press the **ENT** button to change, or **ESC** to exit.





# Using the DVD/CD Duplicator

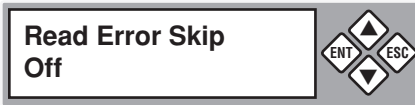
## Main Menu

### Advanced Setup - *continued*

#### 12.03 Read Error Skip

You can set error skipping function while reading discs with errors. The default setting is “Off”. If an error is detected during source loading, the duplicator will stop loading and display the error message. If the setting is “On”, there will be no message shown even if there is an error in reading. You can use this function to copy some DVD/CDs with errors.

1. Press the **ENT** button to change, or **ESC** to exit.



#### 12.04 Not Supported

#### 12.05 Not Supported

# Using the DVD/CD Duplicator

## Main Menu

### Advanced Setup - *continued*

#### 12.06 Burn-in

Burn-in is a test function. You can set up to test continuously or for a specified number of cycles.

1. Load Blank DVD/CD media in the DVD/CD-Recorder and a source disc in the DVD/CD-ROM drive. The copy process will be simulated, but data will not be written to the target discs.

**Note:** Burn In is not supported by DVD+R/RW discs.

2. Go to Burn-in and press the **ENT** button to enter. You can select Test to simulate duplication of DVDs/CDs or Erase and Copy to test DVD/CD-RW erase and write. Use the arrow key to select Continuous or the number of test cycles you want to run. Press the **ENT** button to start the test, or **ESC** to go back to manual operation.



3. Select "Erase&Copy" to test erasing and rewriting to DVD/CD-RW discs only.



# Using the DVD/CD Duplicator

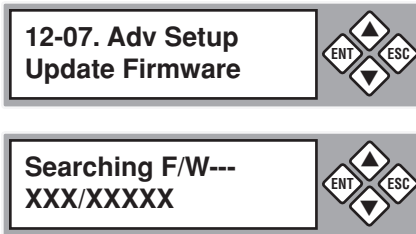
## Main Menu

### Advanced Setup - *continued*

#### 12.07 Update Firmware

This function is to update your firmware.

1. Make sure there are no discs in the system. Place the disc that contains the latest firmware data into the DVD/CD-ROM. During updating, do not turn off the power to the machine, since the updating will not be finished until the machine resets itself.
2. Press **ENT** to update. Display will ask if you want to update. Select **YES**, then press the **ENT** button. Do not turn the power off until the update finishes and the machine resets to **COPY**.



Procedure to make the Firmware disc:

- a. Get the latest firmware download from the Aleratec website at [www.aleratec.com](http://www.aleratec.com).  
**Note:** Be careful to download the correct firmware; if incorrect firmware is used the duplicator will not function
- b. Unzip the firmware and write the file "cdxxx.bin" to a blank DVD/CD-R or DVD/CD-RW disc. The Session of the disc has to be closed.

# Using the DVD/CD Duplicator

## Main Menu

### Advanced Setup - *continued*

#### 12.08 Compare Firmware

This function compares the current version firmware with the latest version when the firmware disc is placed into the DVD/CD-ROM.

1. Place the disc that contains the latest firmware data into the DVD/CD-ROM.



#### 12.09 Hardware Diagnostic

This function will detect the devices connected to the duplicator's controller and display information on the hardware.

1. Move to Hardware Diagnostic with the arrow keys and press the **ENT** button to enter.



2. The display will prompt you first for the button test. Follow the instructions on the display to test each button.



3. After the button function test, the system will self test and then display Test Finished.



# Using the DVD/CD Duplicator

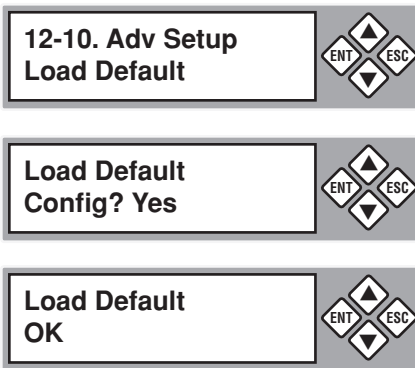
## Main Menu

### Advanced Setup - *continued*

#### 12.10 Load Default

This function resets the Duplicator's settings back to their factory default values.

1. By pressing the **ENT** button, the duplicator will be reset to its factory default settings.

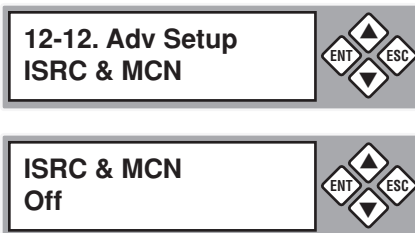


#### 12.11 CD+G (Not supported)

#### 12.12 ISRC & MCN

ISRC & MCN mean the information of international standard recording code such as writer, country, year of publication, etc., can be written into each track.

1. Default setting is "Off"; press the **ENT** button to change, or **ESC** to exit.



#### 12.13 CD-TEXT (Not supported)

# Using the DVD/CD Duplicator

## Main Menu

### Advanced Setup - *continued*

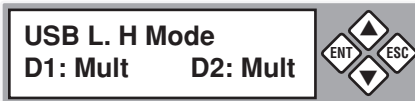
#### 12.14 USB Option

This function lets you connect the Duplicator to a computer. Be sure that your computer supports USB 2.0.

**Note:** When the USB option is off, “14. USB Mode” will be hidden; that is, it won’t appear in the first layer of the function menu. Only “12. Adv Setup” will appear. When the USB option is on, the original “12. Adv Setup” will change to “12.14 Adv Setup”.

There are two ways to enter USB Mode: **Auto** and **Manual**.

1. **Auto:** The Duplicator has auto link. It will enter “USB L. H Mode” simply by connecting the USB cable to the USB port of the Duplicator and the USB port of your computer. The display will appear as shown at the left. When you are finished with USB Mode, simply disconnect the USB cable from the computer, and the Duplicator will switch to Stand Alone.



# Using the DVD/CD Duplicator

## Main Menu

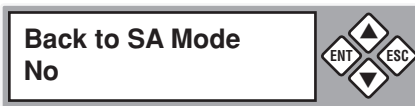
### Advanced Setup - *continued*

#### 12.14 USB Option

2. **Manual:** Press the Down Arrow to see the following display. Here you can switch back to standalone mode (copy mode).



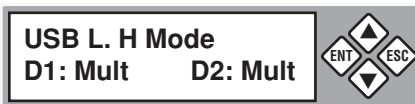
3. Press **ENT** and the display will change to the following display. Press the Down Arrow to switch to Yes. Press **ENT** and the Duplicator will switch back to the standalone duplicator mode (copy mode).



4. To go back to USB Mode, go to menu item "12.14 USB Mode" and press **ENT**. Press the Down Arrow to switch to Yes.



5. Press **ENT** and the display be as shown.



Now you are back in computer connect USB mode. From here, you can return to the Auto Link mode. Make sure the USB cable is connecting the Duplicator to your computer, and switch the Duplicator's power switch to OFF and then back to ON.

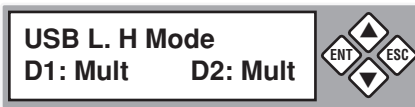
# Using the DVD/CD Duplicator

## Main Menu

### Advanced Setup - *continued*

#### 12.15 USB Auto-Link Option

1. Press **ENT** and use the up and down arrows to toggle between ON and OFF. With USB Auto-Link ON, the controller will enter “USB L. H Mode” simply by connecting the USB cable to the USB port of the Duplicator and the USB port of your computer.



2. When you are finished with USB Mode, simply disconnect the USB cable from the computer, and the Duplicator will switch to Stand Alone.

#### 12.16 Use Big Block

1. Press **ENT** and use the up and down arrows to toggle between ON and OFF. When ON, Big Block enables the use 128-byte blocks for more efficient high speed (12x, 16x, 20x) DVD burning.



# Using the DVD/CD Duplicator

## Using the Duplicator as a DVD/CD-Recorder

The DVD/CD Duplicator can be used as a DVD/VD-Recorder. Installation consists of connecting the Duplicator to your computer, and installing the software on your computer.

1. Connect the Duplicator to your computer.
  - Connect the USB 2.0 Data Cable to the Duplicator.  
Align and gently attach the USB 2.0 Data Cable.

USB 2.0 Connector

Power Connector



## Using the DVD/CD Duplicator

### Using the Duplicator as a DVD/CD-Recorder - *continued*

- Connect the USB 2.0 Data Cable to the Duplicator.

Align and gently insert the USB 2.0 Data Cable into an available USB 2.0 port on your computer, making sure you do not bend the connector.



- For P/N 260147 and 260148 and systems running Windows 98SE only: Install the USB 2.0 Drivers.

If you are running Windows 98SE: After your computer starts up, insert the USB 2.0 Driver Software in your computer's DVD/CD-ROM drive, and run the driver install program to complete your installation.

**Note:** This step is not needed if you are not running Windows 98SE.

2. Go to Adv Setup step 13 and switch to USB Mode. Your computer should recognize the DVD/CD-Recorder in the DVD/CD Duplicator.
3. Install the software from the included CD.

## Specifications

Loading Mechanisms	<ul style="list-style-type: none"><li>• Tray</li></ul>
Supported Media Types	<ul style="list-style-type: none"><li>• DVD-R/RW</li><li>• DVD+R/RW</li><li>• CD-R</li><li>• CD-RW</li><li>• 120mm, mini CD (8cm/3")</li><li>• Business Card CD</li></ul>
Supported Formats	<ul style="list-style-type: none"><li>• Most Industry Standard DVD and CD Formats</li></ul>
Recording Modes	<ul style="list-style-type: none"><li>• Disk-at-Once</li><li>• Track-at-Once</li><li>• Session-at-Once</li></ul>
Copy Speed	<ul style="list-style-type: none"><li>• Selectable</li></ul>
Power Requirements	<ul style="list-style-type: none"><li>• 115-230 VAC Auto Switching</li></ul>
Dimensions (height x width x depth)	<ul style="list-style-type: none"><li>• 17cm x 17.8cm x 28.9cm</li><li>• (6 5/8" x 7" x 11 3/8")</li></ul>
Weight	<ul style="list-style-type: none"><li>• 4.6 kg (10.1 lbs)</li></ul>
Warranty	<ul style="list-style-type: none"><li>• Limited 1 Year Parts and Labor</li></ul>

## Troubleshooting

If your DVD/CD Duplicator is not performing as expected, refer to the symptoms in the following table, and follow the suggested corrective action.

Symptoms	Corrective Action
No message on display or the unit does not operate when power on.	<ul style="list-style-type: none"> <li>• Check the power cord and the power outlet. Reset power-on (turn power off, wait 10 seconds, turn power back on).</li> </ul>
Display shows an error message.	<ul style="list-style-type: none"> <li>• During an operation like “Copy”, “Test”, or “Compare and Verify”, if you press the <b>ESC</b> button to abort the operation, an Error message will display. Aborting may cause the DVD/CD-Recorder to hang up, and you will have to restart the duplicator to be back in normal operation.</li> <li>• Failure to read the source may produce an error message on the display. Change to another source DVD/CD and try again.</li> <li>• During operation, if there is a reading error, buffer under-run error, or writing error, the display will show an error message such as “Pass xx”, “Failed xx”.</li> <li>• If there is no drive detected by the Duplicator while power-on, the display will show an error message before entering the main menu.</li> </ul>
DVD/CD-ROM cannot read the disc and displays an error message (P/N 260147 and 260148).	<ul style="list-style-type: none"> <li>• Check the format and the surface of the source disc.</li> <li>• Use the DVD/CD-Recorder to read the source. If it works, the DVD/CD-ROM may be defective or the disc may not be compatible with the DVD/CD-ROM.</li> </ul>
Buttons do not function.	<ul style="list-style-type: none"> <li>• May still be busy with last task.</li> <li>• Button malfunction.</li> <li>• Faulty circuit board.</li> </ul>
Copy completed but DVD/CD-R disc is not readable/executable.	<ul style="list-style-type: none"> <li>• Use Compare function to check.</li> <li>• Try the disc in another DVD/CD-ROM drive.</li> </ul>

# Troubleshooting

Symptoms	Corrective Action
The failure rate is high.	<ul style="list-style-type: none"><li>• Lower the speed of the DVD/CD-Recorder and try again.</li><li>• Quality of blank disc is poor.</li></ul>
Can not boot-up or fail to upgrade BIOS.	<ul style="list-style-type: none"><li>• Contact Aleratec Technical Support.</li></ul>

## Technical Support

After reading this User Guide, if you need additional assistance with this product, please contact Aleratec Technical Support. Our technical staff will be happy to assist you, but they may need your help to better assist you. Calling Aleratec Technical Support without all the necessary information can be both time consuming and frustrating. Therefore, please try to have the following information ready before calling:

1. Part Number - the part number is located on the bottom of the DVD/CD Super Copy Tower HS.
2. Serial Number - the serial number is located on the back of the DVD/CD Super Copy Tower HS.
3. Troubles - your questions about the DVD/CD Super Copy Tower HS. Please provide enough information about your problems so our technical staff can recreate and diagnose it.

### Technical Support Addresses and Phone Numbers

► By e-mail: **support@aleratec.com**

► By Telephone: **1-818-678-0484**

Technical Support Group can be reached 8:00 AM to 5:00 PM, Pacific Time, Monday through Friday, excluding U.S. holidays.

Please try to call from a phone near your computer system.

► Access is available 24 hours a day, 365 days a year, via:

The World Wide Web at: **www.aleratec.com**

FAX at: **1-818-678-0483**

## Service and Support

### **Aleratec, Inc., Limited Warranty**

This Limited Warranty covers defects encountered in the course of normal use of this product and does not apply to damage from improper use, abuse, accidents, unauthorized service, or inadequate packaging when shipping the product to Aleratec, Inc.

Aleratec, Inc. provides the following limited warranty for this product only if the product was originally purchased for use, not re-sale, from Aleratec, Inc., an Aleratec, Inc. authorized dealer or distributor, or any other Aleratec, Inc. approved reseller for this product. This product is warranted to be free from defects in workmanship and material for a period of one year from the date of your original purchase.

If the product fails during normal and proper use within the warranty period, Aleratec, Inc. will, at its option, repair or replace the product at no cost (except shipping and insurance). This limited warranty does not include service to repair damage from improper installation, accident, disaster, misuse, abuse, or modifications to the subsystem, or by any other causes unrelated to defective materials or workmanship.

## Service and Support

### Please Note:

This Warranty is valid only within the United States and Puerto Rico, and applies only to products that are new and unopened on the date of purchase. For areas outside the United States and Puerto Rico, contact the authorized dealer from whom you purchased this product to determine which warranty, if any, applies.

THIS LIMITED WARRANTY CONSTITUTES YOUR SOLE AND EXCLUSIVE REMEDY, AND THE SOLE AND EXCLUSIVE LIABILITY OF ALERATEC, INC., AND IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OF ITEMS FOR A PARTICULAR PURPOSE.

Your sole remedy shall be repair or replacement, with new or refurbished components, as provided in this Limited Warranty. Aleratec, Inc. shall not be liable for any direct, indirect, special incidental products or consequential damages, including, but not limited to, any loss of data or loss of profits or business, regardless of the form of action or theory of liability resulting from any defect in, or use of, this product (even if Aleratec, Inc. has been advised of the possibility of such damages).

In any event, the liability of Aleratec, Inc. under this Limited Warranty, for damages to you or any third party, regardless of the form of action or theory of liability, shall not exceed the purchase price you paid for this product.

Some states do not allow limitations of the disclaimer of implied warranties, the period an implied warranty lasts, or the exclusion or limitation of incidental or consequential damages, so the exclusions and limitations stipulated in this Limited Warranty may not apply to you. This Limited Warranty gives you specific legal rights, and you may have other rights which vary from state to state.



## Service and Support

### To Obtain Warranty Service:

You must ship your subsystem to the authorized dealer where your subsystem was purchased within the one year warranty period and no later than thirty days after discovery of claimed defect, whichever occurs first. In either case, you must provide proof of original purchase before any warranty service can be performed. Products and parts provided as a result of warranty service may be other than new but will be in good working order and become your property at the time of exchange. At the same time, the exchanged products or parts become the property of Aleratec, Inc.

When shipping the subsystem for service, you agree to insure the Duplicator, to prepay shipping charges, and to use the original shipping container or equivalent. Any service outside the scope of this limited warranty shall be at Aleratec, Inc.'s or its Authorized Service Provider's rates and terms then in effect.

This warranty gives you specific legal rights; you may also have other rights which vary from state to state.

# Technical Support FAX Back Form

## Aleratec, Inc. Technical Support Fax Back Form

Please record the following information to help expedite any warranty claim:

Model No.: \_\_\_\_\_ Serial No.: \_\_\_\_\_

Date Purchased \_\_\_\_\_

Place of Purchase: \_\_\_\_\_

**To: Technical Support Group FAX: 1-818-678-0483**

FROM: \_\_\_\_\_ FAX: \_\_\_\_\_

E-MAIL \_\_\_\_\_

RE: \_\_\_\_\_ TEL: \_\_\_\_\_

DATE: \_\_\_\_\_ # OF PAGES: \_\_\_\_\_

I am experiencing the following problems with my DVD/CD Duplicator:

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By answering these questions, your problem will be solved more rapidly. Make copies as necessary. You can reach us electronically at: [www.aleratec.com](http://www.aleratec.com) on the internet.

**Notes:**

Document Number: 9399038\_ENG\_Rev. B  
Specifications subject to change without notice.

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