

Cliff Hanger Add-on for Merlin and Arthur Systems.

Set-up Instructions for Downloaded Firmware

This package will add Cliff Hanger to the Merlin/Arthur multi-game system running with a Dexter player in a Dragon's Lair or Space Ace arcade machine.

Needed Items...

27C040 or 27C401 EPROM

EPROM Programmer

New Merlin or Arthur firmware binary file (sent via email).

Dexter Manager software (download from laserdisc-replacement.com)

Merlin Menu-V2 laserdisc image file (included in this download)

The Cliff Hanger laserdisc image file (CliffHanger-27Sept2020.ldimg)
Acquired via torrent.

*Note: The CH laserdisc video was the property of Stern Electronics. Since Stern Electronics no longer exists, and it is unknown if any copyright owner still exists, it is your responsibility to obtain a physical laserdisc as proof of ownership and fair use.

USB Thumb drive for your Dexter of at least 32GB

Procedure...

1. USB thumb drive:

If you wish to have all 4 game discs (DL/DL2/SA/CH) on your Merlin system, then you must have a thumb drive for your Dexter of at least 32GB.

If you have the proper thumb drive, or plan to have only 3 or fewer games on the system, jump to part-2 "Prepare Dexter", else..

Format a 32GB thumb drive using the exFAT file system. Place your old thumb drive in another port, and copy all files over to the new thumb drive.

2. Download the Cliff Hanger laserdisc image using the included torrent file and torrent software of your choice.

3. Prepare Dexter:

Have your thumb drive connected to your PC. If Windows asks to "Scan and Fix" the drive, allow it to do so. Copy the new Cliff Hanger laserdisc image (CliffHanger-27Sept2020.ldimg), and the new Merlin Menu-V2 image (Merlin_Menu-V2.ldimg) to the "\disc" folder of your thumb drive.

Run DexterManager.exe

If any updates are available, allow them to be installed.

You should now see a list of your installed laserdiscs, along with two versions of the Merlin Menu. Click "Save Changes" and exit DexterManager.

Down near the clock in windows, you will find a USB icon for "Safely Remove Hardware". Click this Icon, click "Eject 'drive-name'" and remove the thumb drive.

Place the USB drive back into Dexter and start the machine. Watch the display as Dexter copies over all of the disc images from the USB to its microSD card (Be patient, this will take a while).

Once it's done, the screen will go black. At this time, Dexter may update its firmware. Wait for at least a full minute of no activity before powering off.

Restart the machine, verify that it is working, and then power off.

4. EPROM:

Use the included binary ("Merlin-DxV30.bin" or "Arthur-DxV20.bin") and your programmer, to burn a new firmware EPROM.

| | | | |
|-------------------|-------------|----|-------------|
| Label your EPROM: | Merlin-Dx | or | Arthur-Dx |
| | Version 3.0 | | Version 2.0 |

Install it on the Merlin or Arthur board. Make certain that the notch at the top of the EPROM is in the proper position for the board.

4. Set the dip-switches according to the included charts.

5. Power on the game. Your default game will start as normal. Hold the joystick to the left with the action button held down for 5 seconds to bring up the game selection menu.

Select Cliff Hanger, and enjoy the game.