mediadigg Software: Februrary 2012 Update Summary

New features in LoadDVD V2.23
- Support for Sony CX7000ES via com port and IR
- New automation commands supported for Rs232 control of Sony Changers
- Com port devices discovery update
- Shortcut keys for playing discs improved
- Support for Series Specification, including episodes="folder"

New Features in LoadDVD Pro V2.23
- Same new features as LoadDVD
- Alternate IR sender, such as Global Cache
- Bulk Load of Location / Slot / Notes info from CSV file

New Features in a/v DashBoard V2.11
- Support for new Sony Changer automation commands
- Support for Sony CX7000ES via comm. Port
- Com port devices discovery update
- Performance improvements

Sony Changer Com (RS232) Support

For serial port support of CX7000ES, use the following entries in the Location field:
cx7kcom1 com6 - CX7000ES set to mode 1 remote control, connected to com6 port (example)
cx7kcom2 com3 - CX7000ES set to mode 2 remote control, connected to com3 port (example)
cx7kcom3 com3 - CX7000ES set to mode 3 remote control, connected to com3 port (example)

For serial port support of CX777ES, use the following entries in the Location field:
cx777com1 com6 - CX777ES set to mode 1 remote control, connected to com6 port (example)
cx777com2 com3 - CX777ES set to mode 2 remote control, connected to com3 port (example)
cx777com3 com3 - CX777ES set to mode 3 remote control, connected to com3 port (example)

Sony Blu-Ray Changer IR Support

For IR support of BD CX7000ES and CX960, use the following entries in the Location field:
cx960bdp1 - BD Changer set to mode 1 remote control
cx960bdp2 - BD Changer set to mode 2 remote control
cx960bdp3 - BD Changer set to mode 3 remote control

This support first selects Rental Slot (#1), which opens the door, then counts - yes friends, counts by using Disc Skip+ commands up to the requested disc.

New Series Specification (in Notes)

(1) To build a disc dropdown based on a "template" or rule for building the filename:

[series season="01" disc="02" episodes="3, 5, 23, 27-29"] \\server\movies\%_%%title%_S%sn%_E%epn%.avi [/series]

This produces a list of 6 files (for episodes 3, 5,23,27,28 and 29), the first one being:
"movie_title_S01_E03.avi", the second one being "movie_title_S01_E05.avi", etc.

The dropdown will be presented whenever disc 2 is selected.

The special substitution %_% tells LoadDVD to put "_" in place of all spaces.
The %title% substitution puts the movie title in that position.
The %epn% puts the episode number in that position.
The %sn% puts the season number in that position.

All of the other automation substitutions available, as documented in the Automation User Guide.

You only need one item in the Notes, but it can generate an arbitrarily long dropdown list.

(2) To build a disc dropdown based on whatever is in a folder at run-time

[series season="05" disc="03" episodes="folder"] \\mainserver\movies\foldername [/series]

When disc 5 is selected, LoadDVD will check to see if it can find the folder. If it can, it will get the list of files in that folder and make a dropdown list. The folder can contain any number of files with any valid Windows filename. Folder recursion is not done.

(3) Create a Series specification where more than one episode is in the same file:

[series season="05" disc="03" episodes="6-9"] \\server\movies\foldername\episodes6to9.mpeg [/series]

This will generate a dropdown with 4 items, episodes 6, 7, 8 and 9 – that all point to the same file.

(4) Filepath specification updated – 2 digit disc number can be enclosed in quotes

[filepath disc="03"] \\mainserver\movies\foldername\filename.mpg [/filepath]

Automation substitutions, such as %title%, can be made in the filepath.

Alternate IR Support

A new option has been added to LoadDVD Pro that allows IR commands to be sent to an alternate program instead of to the supported USBUIRT blaster. You can specify the explicit path and filename of the program to be called. All LoadDVD substitutions can be used in addition to %irc%, which represents the ascii string of Proto IR codes that LoadDVD has generated. A sample program, GlobalCache.bat has been supplied, with an example of how to use the simpleIRClient.exe program with it. The file "ldvdIRC.txt" shown in the example also contains the LoadDVD IR codes, and is available for use by programs.

New Automation Commands for Alternate IR (these will be added to a/v DashBoard at a later date)

[ALT] on – turns on the use of alternate IR transmission
[ALT] off – turns off the use of alternate IR transmission

New Automation Commands and Syntax (LoadDVD Pro and a/v DashBoard)

 [MCH]

This command triggers the built-in support for Sony CX777ES and CX7000ES changers, and can be followed by [SR#], [DSC], [CHP], and [TRK] in any order, then finally with a [CMD] command. Note that [CHP] and [TRK] are not actually used at this time.

[CMD] action (no quotes)

This can only follow a [VGP] or [MCH] command, indicates what action you want the Sony changer to perform. Valid actions following [MCH] are:

-   "mount" – transfers the selected disc to the drive. The disc does not automatically play.
-   "unmount" or "eject" – transfers the disc from the drive back to its storage slot

Remote Control Buttons (CX777ES and CX7000ES)

- "NUMERIC 0"
- "NUMERIC 1"
- "NUMERIC 2"
- "NUMERIC 3"
- "NUMERIC 4"
- "NUMERIC 5"
- "NUMERIC 6"
- "NUMERIC 7"
- "NUMERIC 8"
- "NUMERIC 9"
- "ALL DISCS"
- "ANGLE"
- "AUDIO"
- "BLUE"
- "CLEAR"
- "CURSOR DOWN"
- "CURSOR ENTER"
- "CURSOR LEFT"
- "CURSOR RIGHT"
- "CURSOR UP"
- "DIMMER"
- "DISC NEXT"
- "DISC PREVIOUS"
- "SKIP+"
- "SKIP-"
- "DISPLAY"
- "ENTER"
- "GREEN"
- "HOME"
- "LOAD"
- "NEXT TRACK"
- "OPEN"
- "CLOSE"
- "OPTION"
- "PAUSE"
- "PLAY"
- "POP UP MENU"
- "POWER OFF"
- "POWER ON / OFF"
- "POWER ON"
- "PREV TRACK"
- "RED"
- "REPEAT"
- "RETURN"
- "SCAN FORWARD"
- "SCAN REVERSE"
- "SHUFFLE"
- "SUBTITLE"
- "SLOW STEP FORWARD"
- "SLOW STEP REVERSE"
- "STOP"
- "SUB TITLE"
- "TEST"
- "TIME"
- "TOP MENU"
- "YELLOW"

Remote Control Buttons (CX777ES Only)

- "TIME / TEXT"
- "INSTANT REPLAY"
- "INSTANT ADVANCE"
- "FOLDER"
- "PICTURE NAVI"

Sample Action sequence: [MCH] [SR#] cx7kcom1 [DSC] 47 [CMD] mount

Contents of GlobalCache.bat Sample Program for Alternate IR

```
@echo off
rem Sample file to call Global Cache Driver
rem Example of all parameters hard coded
rem
rem .\simpleIRClient.exe -p TCP -n 192.168.50.3 -e 4998 -m 2 -c 3 < LDVDIRC.TXT
rem
rem Example of all parameters taken from Location Field
rem
rem .\simpleIRClient.exe -p TCP -n %1 -e &2 -m %3 -c %4 < LDVDIRC.TXT
rem
rem The next line just echoes the incoming parameters for testing purposes
echo %1 %2 %3 %4 %5 %6 %7 %8 %9
pause
```

The LDVDIRC.TXT file is created by LoadDVD Pro. It contains the Pronto IR code sequence for the remote button to be sent. The reason that it is used in this case, is that the Global Cache simpleIRClient.exe program does not have a way to specify the IR codes on the command line. Instead, it waits for the user to type in the codes. The "< LDVDIRC.TXT" portion of the command is the Windows Batch way of simulating user typed input to a program.

This document is not intended to be either a tutorial on the use of Global Cache software and products, nor on the use of Windows Batch programming. If you do not understand the above example, then you are probably not ready to use it without further study. Google is your friend.

Bulk Load of Location / Slot Info

Here is a sample CSV file, using the only supported header fields – exact spelling required:

```
upcean, location, disc, slot, notes
4942463602307.17, file, 1, 23, [filepath disc="01"] \\server\movies\trailers\%title%_%slot%.avi[/filepath]
085391161035, action, 1, 23, "[action disc='03'] [SAY] Hello" [/action]
I92E7D73B4B4E927B, "[SAY] %overview%", 1, 3, ""
```

(Note: profileID can be used in lieu of upcean)

- The first line establishes a traditional filepath entry to play a trailer associated with disc 1 and slot 23.
- The second line uses an automation command to speak the word "Hello" when the disc 1 icon is pressed.
- The third line speaks the profile overview using an automation command stored directly in the location field.