
TIMELORD

Media Time Code Player Release Notes & Change Log

Iteration 9, Deliverable
Jul 14th, 2015

Latest -

; NOTE: Backward show compatibility is broken!

; Known Issues:

; ---- Convert to wave and peak file creation can be slow on USB thumb drives, long files can seem to hang (I can't fix this, it's hardware)

; ---- Editor will crash on PC sleep, lock workstation, or UAC. Use the player mode to avoid this.

; TimeLord

;

;

; Cue_Fill extended to select specified cue

; Audio Beat and Onset Interface (DSP)

; Wave form improvements - colour start/end points

; Waveform start/stop points, AB loop

; Onset Threshold Colour Coding

; Convert to WAV + Sox WAV header correction (where required)

; Offer wav conversion on occurrence of DS not reading media.

; MA2 Command Events - execute a MA2-Link command from the timeline

; LTC Volume and Pan controls, with more explanatory error messages when things go wrong

; Click Track accuracy improved.

; Generate Peak File button

; Explanation of failures in WAV conversion & Peak routines

; MA2-Link: Timecode /CMD="Seek +50" seeks +50 milliseconds

; Timecode /CMD="Seek -1f" seeks backward one frame

; Timecode /GOTO="Chorus" seeks to next chorus marker

; Timecode /NEXTMARK seeks to next marker

; Timecode /TL="STOP/PLAY/PAUSE/NEXT/PREV/FADEOUT/SEEK" direct media engine commands.

; Web Remote is now port 81 by default, ie. http://timelord_ip_address:81/

- ; Added ExePath() to DNA, so when started from outside the installation directory, all required files can be found.
- ; Save / Load Art-Net Settings, including auto start
- ; Fix CueList auto-scroll bug
- ; Added Go trigger mode, XML or MA2-Link Export, Timecode XML export
- ; Waveform Window updated.
- ; Export Events Window added.
- ; Mouse wheel added for combo boxes
- ; MessageBox with icons & input requester.
- ; Improved waveform selection, display speed enhancements
- ; FFTask improvements
- ; Incremented version
- ; Drag'N'Drop media files on to the window to import it to cue-list
- ; Selectable Audio Output device
- ; Right-click on video output window cycles through line-up test patterns, a phase check and smpte colours bars
- ; Now in HD :) Display optimal to desktop (0) size
- ; Waveform progress display in Cue List
- ; Cue List Editor brought along when Cue List is clicked
- ; Fixed files with multiple dots before .ext
- ; DSP Autoconv to temp directory.
- ; Added move selected events with mouse while CTRL is pressed
- ; Added adjust selection with mouse when SHIFT is pressed
- ; Added VU meters, which requires a peak file for the cue ;)
- ; Changed drop marker key to "M" instead of space, only drop markers when mouse is over the waveform
- ; Added multimedia keys Prev/Play/Stop/Next, and Browser Back/Forward jumps, Browser Refresh restarts track, Browser Stop fades out.
- ; Added DSP Events per cue, which trigger on a DSP channel or beat, click an LED to edit
- ; Fixed Webserver bug
- ; Added F1 key to open web interface, for emergency
- ; fixed event mutex issue
- ; Added separate player mode
- ; Double click to start at track in the cue list
- ; Waveform autoscroll button (saved) and mouse seek/jump mode button
- ; Cue List height resizing button
- ; Default keys are now Up for previous, Down for next, Space for play/pause
- ; LTC settings are saved and loaded.
- ; fixed remote websocket failed connection when using web server ports other than 80

Previous....

- ;----- 2014-7-21
- ; TimeLord:
- ; Fixed bug (crash on Import from MA button in cue editor)

```
; Added "Please Wait" dialog on loading a new media file from cue editor.

;----- 2014-8-20
; TimeLord:
; Added ability to send media engine commands directly from MA2 using the "Timecode /TL="SEEK
+4000" syntax

;----- 2014-11-10
; TimeLord
; Correct bug where tracks with 0 fade time would sometimes start with a zero volume even though the
volume fader was up.

;----- 2014-12-17
; Common
;
;
; Fix minor bug in MA2Link, unlock correct mutex (likely didn't cause problems anyway)
; Web server includes
;
;
; TimeLord
;
;
; Changes to theme and widgets
; Fix web_mime bug, close mime file after reading
;
;
; HTTPLord
;
;
; Initial version.
; Add web colour conversion routine.
; Added dynamic token replacement for MA2 variables.
; Added default/store preferences
; Added many info/error/debug messages
; Added MA2 connect/reconnect methods
; Added GROUP_LIST and FIXTURE_LIST list tokens
; List tokens use a template file which contains sub-tokens, to to create an entry for each item in the list.
; GROUP_LIST sub-tokens
; GROUP_NAME = "Name of the group"
; GROUP_ID = "Group 3"
; FIXTURE_LIST sub-tokens
; FIXTURE_NAME = "Mac250+"
; FIXTURE_ID = "3"
; FIXTURE_TYPE = "Martin Mac250+ 16-bit"
; FIXTURE_PATCH = "1.123/2.232"
; FIXTURE_KEY = "Fixture 3"
;
;
;----- 2014-12-20
; HTTPLord
;
;
; User from Germany connected and controlled colour of an LED light via MA2 :)
; Initial Release V1.6.69
```

;----- 2014-12-22
; TimeLord
;
; Rewrite of timeline/wave viewer commenced - improved accuracy and zoom.

;----- 2015-1-8
; TimeLord
;
; Wave form viewer with integrated events timeline
; Changes to MIDI Time Code generator to improve sync with media
; LTC clean up commenced
;
;

;----- 2015-1-13
; HTTPLord
; Fix iPhone via a redirect - SUX

Version 1.6.69

; ----- 2014-7-15
; Common:
; Serveral TimeLord and CITPServer change log items missed since last entry sorry, though mostly
bugfix and preformance related.
; tl_vidcap is now defunct, replaced with FFstreams.
; TimeLord:
; several minor changes and old code removal
; added AutoCleanMediaTitle configuration item to strip numbers and '-' from start of imported media
; added import progress information into import window titlebar
; CITPServer:
; many bug fixes
; added frame sizes for timecode and wave form streams

;----- 2014-06-10
; CITPServer:
; lib-turbojpeg interface
; rewritten CTIP stream producers into threads, improved performance.
; JPEG streams and RGB8 streams are supported, with resizing and switching possible
; Common:
; restructure source folders/includes
; moved dll's to the "opt" directory
; cleaned a few debug strings
; changes to many routines to all for dynamic CPU technology utilization (MMX, SSE2 etc) where
possible. /DYNAMIC
; TimeLord:

; window minimize animations, with speed configurable in TimeLord.ini, between 0.01 (slow) and 1.00 (no anim), 1.0 is default, and 0.05 seems nice.

;----- 2014-05-26

; Video capture is now synchronized to media playback
; Fixed streaming preview
; -Noticed on soak test that CFTP socket died for unknow reasons, possible then client went to sleep?
; fixed possible crash on invalid peak file load, now aborts gracefully.
; fixed minor FF_Task UI pixel overlap
; added tool-tips to video capture window
; started implementation of Art-Net capture/playback (backend, no GUI available yet)

;----- 2014-05-21

; Support for QWERTZ keyboards (set KeyboardLayout = 0 in TimeLord.ini)
; Added "License" button for an about box with activation/deactivation options.
; Video Capture system captures video from available devices and stores it in low quality (to conserve space) Windows Media Video files
; - these video files are stored in "media_filename.TLCAP.wmv", and are played back when playback commences. Only Audio/Video type cues are currently supported.
; Added JumpBack and JumpFwd shortcuts
; reduced default LoopSleepTime to 15ms.
; bugfix for stored window position, < 0 now ignored.

;----- 2014-04-28

; Added Video Capture system with preview - more testing to be done.

;----- 2014-04-21

; Fixed bug which effected time code seeking under some conditions.
; Fixed bug in activation system which affected activation persistence. Existing activated users should be upgraded automatically. Please contact support if you have any further issues.

;----- 2014-04-16

; MA2-Link support for MA 2.9.1.1+
; MA2-Link now uses timecode to pre-position time MA2 timeline (side effect is that you can switch objects to "internal" syncmode if you left your midi cable at home :))

;----- 2014-04-08

; Added auto create MA2 macros for FadeOut and Jump +/- with selectable seconds.
; Corrected 0=1 bug in MA2 show import, everything worked - just displayed a zero based value to the user - 0 imported actually is 1 imported.
; Working export markers to MA2 XML sequences, though no user interface for it yet.

;----- 2014-03-31

; Add delta seeking (SEEK +2000 etc)
; Add MIDI delta seeking, notes base+8(-) and base+9(+), velocity is seconds in seek.

;----- 2014-03-13

; Bug Fixes
; MA2_Connect() - Would not connect under some circumstances and offered no explanation.

; MA2 Auto Connect is only available by setting the timelord.ini option to "ma2\AutoConnectOnStartup = 1". If a connection can't be made, you'll have to wait for the timeout.

; MA2 Macro creation now only supports MA2 version > 2.9 (Thanks to Patrick for the /cmd vs /command notification)

;----- 2014-03-12

; Release 1.5.26

;----- 2014-03-03

; Bug Fixes

; SetCueVolume bug fixed

; Cue List scrolling fix, now tries to keep the active cue in the top 1/4 of the cuelist windows.

;----- 2014-02-26

; SMPTE LTC Out

; Chase LTC In time code

; Incoming TC display

;----- 2014-02-18

; Big Timecode Display

; ArtNet activity LED

; Fixed SevSegSeg '1' bitmaps

; Added hr/min/sec/fr dymo labels

;----- 2014-02-13

; Web remote ready.

; ArtNet control

; BETA release 1

; Show File Format changed.

; fade-out bug has been fixed.