

Venue Player Manager

Summary

Venue Player Manager is a browser based control, status and set up solution for specific models of Video Clarity player systems. The Manager is providing an easy to use interface accessible from any network attached to the player system itself which publishes the browser pages outlined below. With this interface each video channel output can be individually accessed with commands applied in any timing or order completely independent of other outputs on one or more systems being controlled.

Control

Manager control applies standard video playback controls to one or more player systems. Each unit and player output is able to be controlled independently or locked for playback together:

- Player controls include go to first/last frame, jog back or forward, pause, play
- Speed of playback is selectable in increments of percentage of play speed down to single frame per second and up to 2X.
- Map sequence selects the video for each selected player output
- Adding a library is a function for organizing playback files into user named file folders accessible by ClearView applications for file importing and recording
- Seek to frame is most times used to play a frame based test pattern
- Play or cue and timecode value is selectable via time code entry

Video Clarity Venue Player Manager - Control

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Unit	Locked	Player 1	Player 2	Player 3	Player 4	Player 5	Player 6	Player 7	Player 8
VenuePlayer5	No	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
VenuePlayer_SDI	No	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



Speed: Submit

Map sequence: Select unit Select player Select library Select sequence Submit

Add library: Select unit Select folder Submit

Configure: Select unit Select module Select module Submit

Seek to frame: Submit

Play at timecode HH:MM:SS:FF: Submit

Cue at timecode HH:MM:SS:FF: Submit

Preview

The preview screen shows a thumbnail view of the running video on every output applied in each system unit being controlled by the Venue Player Manager.

Video Clarity Venue Player Manager - Preview

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Unit	Player 1	Player 2	Player 3	Player 4	Player 5	Player 6	Player 7	Player 8
VenuePlayer5								
VenuePlayer_SDI								

Unit Status

The Venue Player Manager allows operators to understand the settings of each player unit and the diagnostic parameters of several internal components such as CPU and system temperature as well as video interface output board temperatures.

Video Clarity Venue Player Manager - Unit Status

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Unit	Players	Configuration	Lock	Audio	Reference Source	Reference Format	Reference Time	CPU Temp	System Temp	Board 1 Temp	Board 2 Temp	Fan 1 Speed	Fan 2 Speed	Fan 3 Speed	Fan 4 Speed	Fan 5 Speed
VenuePlayer5	4	HD/HD/HD/HD	Unlocked	Disabled	Free Run		09:54:29:00	0.0	0.0	0.0	0.0	0	0	0	0	0
VenuePlayer_SDI	8	HD/HD/HD/HD/HD/HD/HD/HD	Unlocked	Enabled	Free Run	1920 X 1080 59.94 Hz	09:54:30:00	0.0	0.0	60.0	0.0	0	0	0	0	0

Player Status

Player video outputs are controllable with any command at any time individually. Player status provides a view of each video's library, sequence name, video format and image format. Additional parameters applied are shown below.

Video Clarity Venue Player Manager - Player Status

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Unit	Player	Status	Library	Sequence	Video Format	Image Format	First Frame	Last Frame	Current Frame	Reference Time	Speed	Dropped Frames	Audio Channels
VenuePlayer5	1	Running	F:/GoDaddy_RGB10_HD	Video1		RGB 10 bpc	0	1795	61	10:00:14:00	0.02	0	16
VenuePlayer5	2	Running	F:/GoDaddy_RGB10_HD	Video2		RGB 10 bpc	0	1795	854	10:00:14:00	1.0	0	16
VenuePlayer5	3	Running	F:/GoDaddy_RGB10_HD	Video3		RGB 10 bpc	0	1795	854	10:00:14:00	1.0	0	16
VenuePlayer5	4	Running	F:/GoDaddy_RGB10_HD	Video4		RGB 10 bpc	0	1795	854	10:00:14:00	1.0	0	0
VenuePlayer_SDI	1	Running	F:/GoDaddy1080P	Video8	1080p 59.94a Hz	YCbCr 10 bpc 709	0	1795	871	10:00:14:00	1.0	1	16
VenuePlayer_SDI	2	Running	F:/GoDaddy1080P	Video8	1080p 59.94a Hz	YCbCr 10 bpc 709	0	1795	856	10:00:14:00	1.0	1	16
VenuePlayer_SDI	3	Running	F:/GoDaddy1080P	Video8	1080p 59.94a Hz	YCbCr 10 bpc 709	0	1795	818	10:00:14:00	1.0	1	16
VenuePlayer_SDI	4	Running	F:/GoDaddy1080P	Video8	1080p 59.94a Hz	YCbCr 10 bpc 709	0	1795	844	10:00:14:00	1.0	1	16
VenuePlayer_SDI	5	Running	F:/GoDaddy1080P	Video8	1080p 59.94a Hz	YCbCr 10 bpc 709	0	1795	838	10:00:14:00	1.0	1	16
VenuePlayer_SDI	6	Running	F:/GoDaddy1080P	Video8	1080p 59.94a Hz	YCbCr 10 bpc 709	0	1795	819	10:00:14:00	1.0	1	16
VenuePlayer_SDI	7	Running	F:/GoDaddy1080P	Video8	1080p 59.94a Hz	YCbCr 10 bpc 709	0	1795	831	10:00:14:00	1.0	1	16
VenuePlayer_SDI	8	Running	F:/GoDaddy1080P	Video8	1080p 59.94a Hz	YCbCr 10 bpc 709	0	1795	841	10:00:14:00	1.0	1	16

Manager Admin

The administration page is providing control settings and management of parameter settings for each player unit and each channel of video. Settings for the following apply in the Action drop down in the window below.

- Cue selected players
- Enable or disable audio playback, play once, previews or two sample interleave mode (TSI) for 4K formats
- Lock selected players together, or lock to external or internal reference
- Monitor, reboot or remove selected players
- Shutdown, unlock, unmonitor or update selected players
- Set module index allows the external or internal reference setting to apply to one or two different video modules

Video Clarity Venue Player Manager - Admin

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Add Venue Player +

Name	IP Address	Version	Configuration	Locked	Audio	Preview	Monitor	Action	Result
VenuePlayer_SDI	192.168.1.51	1.6.0.3	HD/HD/HD/HD/HD/HD/HD/HD	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
VenuePlayer5	192.168.1.143	1.6.0.3	HD/HD/HD/HD	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		

2 Venue Players