Digital Video Lab

"DejaVu" Instant Replay System

User Manual

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Contents

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1. Features

1 . Quick start - the device is ready to work in 1 0 seconds.
2. Continuous video recording from 4 cameras, regardless of the operating mode.
3. More than 7 hours of 1080p 50Hz video recording (512GB SSD).
4. Built-in display. Switchable modes -a Single screen / Multi-screen.
5. There is a video output to an external monitor (TV) that duplicates the image
of the built-in monitor for viewers.
6. "Deja Vu Replay Controller"program provides full system control from PC.
7. One button Marking. The idea is to mark "Exit point" of some highlights
and go back in time to automatically set the "Entry point".
This creates an "Event" (Clip) that can be played from any camera.
8. It is possible to edit the Entry and End points of the Clip.
9. All saved clips can be played back as one file.
10. T-Bar allows you to control the playback speed.
11.2-5 times Slow / Fast video playback.
12. Fast playback (2-5 times normal speed).

"DejaVu" Instant Replay System is a simple and cost effective way to add multi-channel replay functionality to your production.

Easy to install and easy to use, "DejaVu" Instant Replay System offers:
- ✓ Uninterrupted recording. Recording never stops, even In Edit or Replay modes;
- ✓ More than 7 hours of recorded 1080p50 video (when using 512G SSD);
- ✓ Slow motion (50% – 20% of normal speed) and Fast motion (200% – 500% of normal speed) playback;
- ✓ Playlist mode;
- ✓ Can be used as a simple multi-channel recorder/player;
- ✓ Logo overlay;
- ✓ Integrated video switcher with 8 sources and 'Dip' transitions;
- ✓ Integrated multiviewer;

PC connection is not needed to operate or to configure "DejaVu" system. However, for those who prefer to operate from PC we offer free "DejaVu Replay Controller" software, that provides more flexibility and supports advanced playlists.

"DejaVu" Instant Replay System is well suited for:
- ✓ Any live shows;
- ✓ Sport broadcasts – for instant replays;
- ✓ Sports clubs – for training, as an excellent assistant for coaches and athletes;
- ✓ Dance schools and ballet studios;
- ✓ Outdoor events – for large LED displays;

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2. Unit design

"DejaVu" Instant Replay System is an all-in-one unit with integrated control panel and 10" TFT display. SSD drives are placed inside the unit by installer.

Front panel

Fig.1 Front panel

Front panel:

✓ 10" TFT display monitor;

✓ T-Bar (speed control);

✓ Jog/Shuttle knob (mark position);
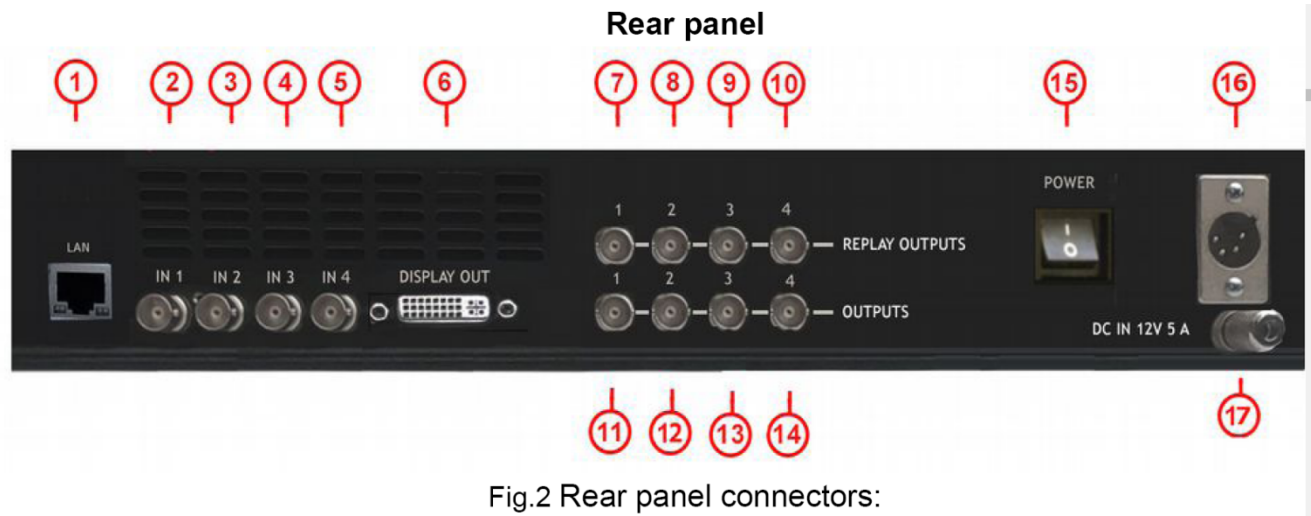
✓ Control panel with 26 LED illuminated buttons;

Rear panel

Fig.2 Rear panel connectors:

1. RJ-45 Gigabit Ethernet – PC/LAN connection. Required for "DejaVu Replay Controller" software and firmware update;

2. BNC 3G-SDI – Channel 1 input (**CAM1**);

3. BNC 3G-SDI – Channel 2 input (**CAM2**);

4. BNC 3G-SDI – Channel 3 input (**CAM3**);

5. BNC 3G-SDI – Channel 4 input (**CAM4**);

6. DVI-D – Display output for external video monitor (with HDMI input);

7. BNC 3G-SDI – Channel 1 replay output (**REP1**);

8. BNC 3G-SDI – Channel 2 replay output (**REP2**);

9. BNC 3G-SDI – Channel 3 replay output (**REP3**);

10. BNC 3G-SDI – Channel 4 replay output (**REP4**);

11. BNC 3G-SDI – Channel 1 bypass output;

12. BNC 3G-SDI – Channel 2 bypass output;

13. BNC 3G-SDI – Channel 3 bypass output;

14. BNC 3G-SDI – Channel 4 bypass output;

15. Power switch;

16. 12V/5A DC power supply connector;
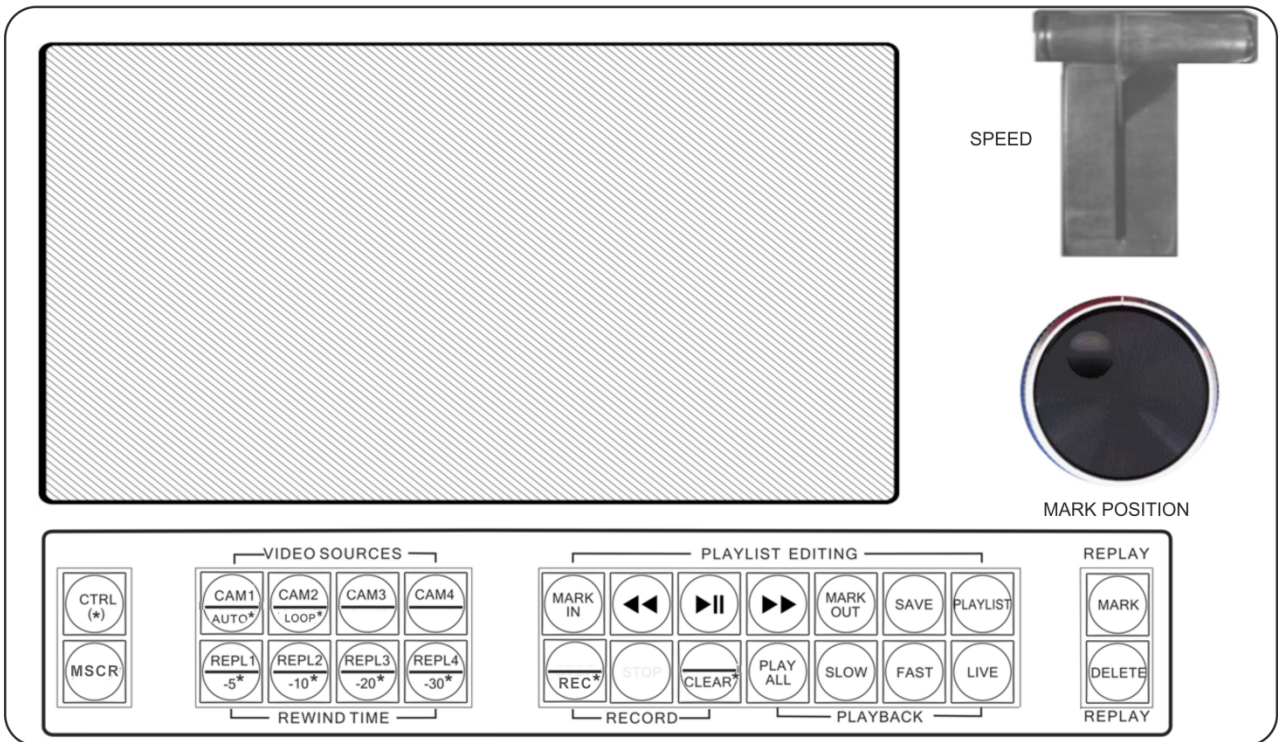
17. GND connector;

3. Controls

Fig.3 Front panel controls

T-Bar is used to control playback speed in *SLOW* and *FAST* modes. Lowest T-Bar position is normal speed. Highest T-Bar position is slowest speed in *SLOW* mode and fastest speed in FAST mode.

Jog/Shuttle knob is used for cursor positioning in *EDIT* mode. Turn **Shuttle** clockwise to fast-forward, turn counter-clockwise to rewind. Turn **Jog** for precise frame-by-frame control.

Buttons functions are listed below.

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4. Control panel buttons

Almost all buttons have primary and secondary functions. Press and hold ![CTRL (*)] button to activate secondary function. Some buttons also have different functions in *PLAYLIST* mode.

4.1. Primary functions
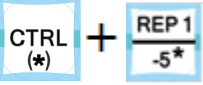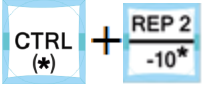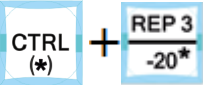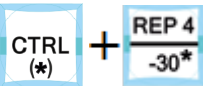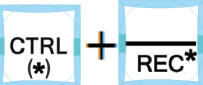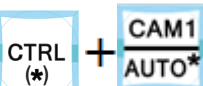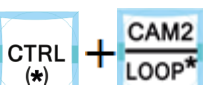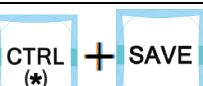
CAM1 / AUTO*	Select live video from Input channel 1 (CAM1) on Master output / internal display monitor. *Lights up red if CAM1 video source is selected on Master output.*
CAM2 / LOOP*	Select live video from Input channel 2 (CAM2) on Master output / internal display monitor. *Lights up red if CAM2 video source is selected on Master output.*
CAM3	Select live video from Input channel 3 (CAM3) on Master output / internal display monitor. *Lights up red if CAM3 video source is selected on Master output.*
CAM4	Select live video from Input channel 4 (CAM4) on Master output / internal display monitor. *Lights up red if CAM4 video source is selected on Master output.*
REP 1 / -5*	Select recoded video from Replay channel 1 on Master output / internal display monitor. *Lights up red if REP1 video source is selected on Master output.*
REP 2 / -10*	Select recoded video from Replay channel 2 on Master output / internal display monitor. *Lights up red if REP2 video source is selected on Master output.*
REP 3 / -20*	Select recoded video from Replay channel 3 on Master output / internal display monitor. *Lights up red if REP3 video source is selected on Master output.*
REP 4 / -30*	Select recoded video from Replay channel 4 on Master output / internal display monitor. *Lights up red if REP4 video source is selected on Master output.*

SLOW	Activate or deactivate *SLOW* playback mode. Use T-bar to adjust playback speed from 100% (normal speed) to 20% (x5 times slower). *Lights up green if SLOW mode is active.*
FAST	Activate or deactivate *FAST* playback mode. Use T-bar to adjust playback speed from 100% (normal speed) to 500% (x5 times faster). *Lights up green if FAST mode is active.*

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PLAY LIST	Activate or deactivate **PLAYLIST** mode. *Lights up red if PLAYLIST mode is active.*
PLAY ALL	Only in **PLAYLIST** mode: cue *all* replay clips from playlist, instead of playing clips one by one. *Lights up green if PLAY ALL mode is active.*

◄◄	Only in **PLAYLIST** mode: select previous clip in playlist. *Briefly flashes green once when pressed.*
►►	Only in **PLAYLIST** mode: select next clip in playlist. *Briefly flashes green once when pressed.*
MARK IN	In **EDIT** or **PLAYLIST** modes: set clip **IN** position to current displayed frame. *Briefly flashes green once when pressed.*
MARK OUT	In **EDIT** or **PLAYLIST** modes: set clip **OUT** position to current displayed frame. *Briefly flashes green once when pressed.*
SAVE	Save current replay clip to the playlist. Clip is added to the end of the playlist. If there are already more than 32 clips, first clip is deleted. *Briefly flashes green once when pressed.*

►❚❚	**In *EDIT* mode (when there's NO replay clip):**		
	Mode	**LED**	**Action**
	PAUSE	Off	Continue playback
	PLAY	Lights up green	Pause playback
	In *EDIT* or *REPLAY* mode (when there's a replay clip):		
	Mode	**LED**	**Action**
	Idle	Off	Cue last replay clip
	Replay clip (or playlist) is cued	Lights up green	Start playback
	Playback is ON	Flashes red	Pause playback
	Playback is paused	Flashes green	Continue playback

MARK	Only in **EDIT** mode: create replay clip. Automatically set IN position of the new replay clip according to predefined time (rewind -5, -10, -20 or -30 seconds). Set OUT position of the new replay clip to current time. If **AUTO SAVE** mode is active, new replay clip is saved to the playlist. If **QUICK REPLAY** mode is active, new replay clip is automatically cued. *Briefly flashes green once when pressed.*
DEL	In **EDIT** or **REPLAY** modes: stop playback of the current replay clip and delete it. In **PLAYLIST** mode: delete selected clip from playlist. *Lights up green if there's a current replay clip.*

LIVE	In **EDIT** or **REPLAY** modes: set current position to last recorded frame and start playback with normal speed. Video on REP1 – REP4 sources will be the same as on CAM1 – CAM4 sources. *Lights up green in LIVE mode.*
MSCR	Switch internal display monitor between **Multiview** output and **Master** output. *Lights up red if Multiview output is active.*

4.2. Secondary functions

CTRL (*)	This button works as a modifier. Press and hold it and press other buttons to change modes or to modify settings.

CTRL (*) + REP 1 -5*	Set MARK IN position rewind time to -5 seconds. *Lights up red if current setting is [-5 seconds].*
CTRL (*) + REP 2 -10*	Set MARK IN position rewind time to -10 seconds. *Lights up red if current setting is [-10 seconds].*
CTRL (*) + REP 3 -20*	Set MARK IN position rewind time to -20 seconds. *Lights up red if current setting is [-20 seconds].*
CTRL (*) + REP 4 -30*	Set MARK IN position rewind time to -30 seconds. *Lights up red if current setting is [-30 seconds].*

CTRL (*) + REC*	Start or stop recording. *Lights up red if recording is currently ON.*
CTRL (*) + CLEAR*	Delete all recorded video footage. Also stops recording if it's active. All clips saved to the playlist will be deleted as well. *WARNING: All recorded video on SSD will be lost!*

CTRL (*) + CAM1 AUTO*	Activate or deactivate **AUTO** recording mode. *Lights up red if **AUTO** recording mode is active.*
CTRL (*) + CAM2 LOOP*	Activate or deactivate **LOOP** recording mode. *Lights up red if **LOOP** recording mode is active.*

CTRL (*) + MARK	Activate or deactivate **QUICK REPLAY** mode. *Always lights up red if **QUICK REPLAY** mode is active.*
CTRL (*) + SAVE	Activate or deactivate **AUTO SAVE** mode. *Always lights up red if **AUTO SAVE** mode is active.*

5. Multiview and On-Screen-Display (OSD)

"DejaVu" Instant Replay System is an 8-source video switcher with integrated multiview.
'Dip' transition is performed when switching sources manually or during playlist playback.
'Replay' logo is overlaid on top of recorded video.

Press [MSCR] anytime to switch internal display monitor between Multiview output and Master output.

Press [CAM1 AUTO*] - [CAM4] or [REP 1 -5*] - [REP 4 -30*] to select corresponding source on Master output.

5.1. Multiview layout

Multiview shows all video sources, Master output and On-Screen-Display information:

Fig.4 Multiview layout

1. On-Screen-Display;

2. Master output;

3. Channel 1 input (**CAM1**);

4. Channel 2 input (**CAM2**);

5. Channel 3 input (**CAM3**);

6. Channel 4 input (**CAM4**);

7. Channel 1 replay output (**REP1**);

8. Channel 2 replay output (**REP2**);

9. Channel 3 replay output (**REP3**);

10. Channel 4 replay output (**REP4**);

Red border is displayed around video source window that is selected on Master output.

5.2. On-Screen-Display (OSD)

OSD information is always displayed in the top left window of the multiview or overlaid on Master output video on the built-in display monitor. Four lines of the OSD display timecode
(in hours:minutes:seconds:frames format) of the current recording and playback frame, as well as other service information:
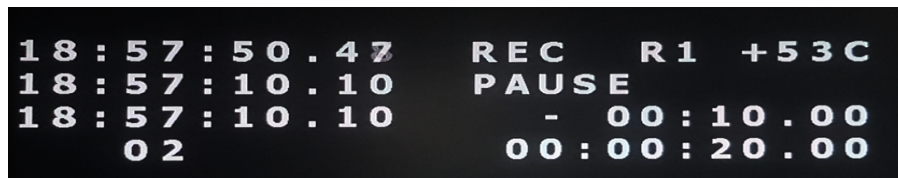
Fig.5 OSD layout

OSD line 1:

#	OSD Indicator	Description
TIMECODE	HH:MM:SS:FF	Timecode of last recorded frame
RECORDING STATUS	REC	Recording is ON
	STOP	Recording is OFF
MASTER OUTPUT VIDEO	C1	Input channel 1 (CAM1)
	C2	Input channel 2 (CAM2)
	C3	Input channel 3 (CAM3)

	C4	Input channel 4 (CAM4)
SOURCE	R1	Replay channel 1 (REP1)
	R2	Replay channel 2 (REP2)
	R3	Replay channel 3 (REP3)
	R4	Replay channel 4 (REP4)
TEMPERATURE	+NNC	Internal chipset temperature (in degrees Celsius). *Warning: temperature reading higher than +65°C may indicate cooling fan failure!*

OSD line 2:

HH:MM:SS.FF PLAY   100%

#	OSD Indicator	Description
TIMECODE	HH:MM:SS:FF	Timecode of current playback frame
PLAYBACK STATUS	PLAY	Playback is ON
	PAUSE	Playback is paused
PLAYBACK SPEED	NNN%	Playback speed if *SLOW* or *FAST* modes are active. Otherwise empty.

OSD line 3:

When there's a current clip, line 3 displays its information:

HH:MM:SS.FF   -MM:SS.FF

#	OSD Indicator	Description
TIMECODE	HH:MM:SS:FF	Timecode of the start (IN position) of current clip
DURATION	-MM:SS:FF	Duration of current clip

In *REPLAY* mode line 3 displays replay information:

REPLAY   -MM:SS.FF

#	OSD Indicator	Description
TIME LEFT	-MM:SS:FF	Time left until the end of current clip or playlist

OSD line 4:

When playlist is not empty, line 4 displays playlist information:

XX   HH:MM:SS.FF

#	OSD Indicator	Description
TOTAL	XX	Total number of clips in playlist (01 – 32)
TOTAL DURATION	HH:MM:SS:FF	Total duration of all clips in playlist

In *PLAYLIST* mode, line 4 also displays data of the current clip in playlist:

NN/XX RX   HH:MM:SS.FF

#	OSD Indicator	Description
CURRENT CLIP	NN	Current selected clip in playlist (01 – 32)
TOTAL	XX	Total number of clips in playlist (01 – 32)
MASTER OUTPUT VIDEO SOURCE	R1	Replay channel 1 (REP1)
	R2	Replay channel 2 (REP2)
	R3	Replay channel 3 (REP3)
	R4	Replay channel 4 (REP4)
TOTAL DURATION	HH:MM:SS:FF	Total duration of all clips in playlist

6. Operation

6.1. Recording modes

"DejaVu" Instant Replay System can be configured to use several recording modes to better suit different applications. Please carefully choose recording mode for your situation before you begin working with the unit.

After powering up, recording position is always set after the last frame recorded in previous session. Next action depends on recording modes set:

Recording Mode	State	Description
LOOP	ON*	When SSD capacity is reached, recording will continue from the start of SSD, deleting older video. Last recorded 7+ hours of video (for 512GB SSD) will always be available for replays.
	OFF	When SSD capacity is reached, recording will stop. To continue recording: Either press [CTRL (*)] + [REC*] to delete all video and start from the beginning, Or change *LOOP* recording mode to ON and continue recording.
AUTO	ON*	The unit automatically starts recording after powering up.
	OFF	The unit will **not** start recording after powering up.

(*) – default settings.

6.2. Preparing to live broadcast or event

You setup will be different, depending on whether you will be using "DejaVu" Instant Replay System as a stand-alone broadcasting solution or together with video switcher.

◊   Connect your cameras to **CAM1** – **CAM4** 3G-SDI video inputs.

If you are using a separate video switcher:

◊   Connect bypass outputs to your video switcher. These will be your live camera sources.
◊   Connect **REP1** – **REP4** replay outputs to your video switcher. These will be your replay sources.

Your "DejaVu" system will be working as multi-channel recorder and you can operate video switcher console to switch between live video and replays.
If you are not using video switcher:

◊   Assign one or more outputs of the "DejaVu" system as Master output.

Your "DejaVu" system will be operating as 8-sources video switcher. You can use "DejaVu" buttons to switch between live video and replays.

◊   Connect power supply to the unit and switch power on.

If AUTO mode is ON, recording will start automatically. Otherwise, begin recording manually by pressing [CTRL (*)] + [REC*] .

Optionally, press [CTRL (*)] + [CLEAR*] to delete all previous recorded video and start new session.

After event is finished, press [CTRL (*)] + [REC*] to stop recording.

6.3. Playback modes

"DejaVu" Instant Replay System operates in different playback modes depending on user actions.

Note that all replay channels are always synchronized, for example if Jog/Shuttle is moved to change current playback position on Channel 1, playback position will also change to the same timestamp on Channels 2-4.

After powering up, playback position is always set at the last frame recorded in previous session.

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Mode	Operation
EDIT	Press **MARK** to create replay clip. OSD displays starting position (IN mark) and duration of the new replay clip. If **AUTO SAVE** mode is active, new replay clip is saved to the playlist. *Optionally:* Use Jog/Shuttle knob to change current position. *Optionally:* Press **MARK IN** to set clip IN mark to current position. *Optionally:* Press **MARK OUT** to set clip OUT mark to current position. *Optionally:* Press **SAVE** to save replay clip to the playlist. *Optionally:* Press **DEL** to delete current replay clip.
REPLAY	Press ▶II to start playback of the replay clip. Press again to pause/resume. Press **SLOW** or **FAST** and use T-Bar to select slow motion or fast motion playback speed. OSD displays current selected playback speed. Playback will automatically stop at the last frame. You can press ▶II to cue last replay clip again.

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Mode	Operation
PLAYLIST	Press ◀◀ or ▶▶ to cue clip from the playlist. Or press **PLAY ALL** to cue all clips. Press **DEL** to delete selected clip from playlist. Press ▶‖ to start playback of the selected clip (or entire playlist). Press again to pause / resume. Press **SLOW** or **FAST** and use T-Bar to select slow motion or fast motion playback speed. Playback will automatically stop at the last frame of the last clip.

6.4. Instant replay

Make sure that recording is ON and watch live video on the multiview display.

When you see a moment you would wish to replay later (for example: goal scored), press MARK .
Replay clip with previous 5, 10, 20 or 30 seconds of recorded video (see section 4.2) will be
automatically created. First frame of the replay clip will be shown and the system will switch to
REPLAY mode.

No need to guess how the situation on the playing field will turn out – press MARK *after the goal is
scored!*

If you want to correct MARK IN or MARK OUT positions, use Jog/Shuttle knob to change current
position and then press MARK IN or MARK OUT to set new position. First frame of the replay clip will be
shown and the system will switch to **REPLAY** mode.

If you want to save replay clip to the playlist, press SAVE . If there are already 32 clips in the playlist
(playlist is full), first clip will be deleted and new clip will be added at the last position. Currently
selected replay channel (1 – 4) is saved along with the clip.

Press ▶II to start playback of the replay clip. Press again to pause / resume.

If you need slow motion or fast motion, press SLOW or FAST and use T-Bar to change playback
speed accordingly. Speed can be adjusted before playback, during playback or when playback is
paused.

Playback will automatically stop at the last frame. You can press ▶II to cue last replay clip again.

Press MARK again to create another instant replay.

During replay playback you can switch Master output (change camera angles) by pressing
corresponding replay channel buttons: REP 1 -5* - REP 4 -30* .

6.5. Manual replay

Use Jog/Shuttle knob to select starting position for a new replay clip. Press [MARK IN] to set.

Use Jog/Shuttle knob again to select ending position for a new replay clip. Press [MARK OUT] to set.

Replay clip is now ready. First frame of the replay clip will be shown and the system will switch to **REPLAY** mode.

If you want to save replay clip to the playlist, press [SAVE]. If there are already 32 clips in the playlist (playlist is full), first clip will be deleted and new clip will be added at the last position. Currently selected replay channel (1 – 4) is saved along with the clip.

Press [▶II] to start playback of the replay clip. Press again to pause / resume.

If you need slow motion or fast motion, press [SLOW] or [FAST] and use T-Bar to change playback speed accordingly. Speed can be adjusted before playback, during playback or when playback is paused.

Playback will automatically stop at the last frame. You can press [▶II] to cue last replay clip again.

Press [MARK] again to create another instant replay.

During replay playback you can switch Master output (change camera angles) by pressing corresponding replay channel buttons: [REP 1 -5*] - [REP 4 -30*].

Or press [DEL] to delete current replay clip and start over again.

6.6. Working with playlist

"DejaVu" Instant Replay System allows to save up to 32 replay clips and play them later either individually or in batch.

Press **PLAY LIST** to enter playlist mode. If there's at least one saved replay clip, the system will enter **PLAYLIST** mode and the button will light up red.

Press **◄◄** or **►►** to select clip (01 – 32) from the playlist. Current clip number and total number of clips are displayed on the OSD. Selected clip is automatically cued and ready for playback. Saved replay channel for the clip is selected on Master output.

If you want to delete selected clip from playlist – press **DEL** (*Note: this operation cannot be undone!*) Remaining clip numbers will be shifted towards first. If there are no more clips, the system will exit from playlist mode automatically.

You can edit starting (MARK IN) and ending (MARK OUT) positions of the current clip.

Use Jog/Shuttle knob to select position and press either **MARK IN** or **MARK OUT** to set. Press **SAVE** to save your changes.

You can change replay channel for the clip by pressing **REP 1 -5*** - **REP 4 -30*** buttons. Press **SAVE** to save your changes.

To cue all clips from the playlist press **PLAY ALL**. First frame of the first clip will be shown and current clip number OSD indicator will change to **--**. In this mode clips will be played one-by-one without pauses with 'Dip' transitions between them.

Press **►❚❚** to start playback of the selected clip (or entire playlist). Press again to pause / resume.

If you need slow motion or fast motion, press **SLOW** or **FAST** and use T-Bar to change playback speed accordingly. Speed can be adjusted before playback, during playback or when playback is paused.

Playback will automatically stop at the last frame of the clip (or last frame of the last clip).

6.7. Simple recorder/player

"DejaVu" Instant Replay System can be used as a simple multi-channel digital recorder/player.
This mode is also useful as a fixed-delay display for sports training sessions – for example a gymnast can immediately see how he/she has performed the jump.

Use Jog/Shuttle knob to fast forward or rewind.

Press [DEL] to make sure there's no replay clip cued.

Press [▶II] to start playback from current position. Press again to pause / resume. Playback will continue until SSD end is reached or indefinitely if **LOOP** recording mode is active.

If you need slow motion or fast motion, press [SLOW] or [FAST] and use T-Bar to change playback speed accordingly.

7. DejaVu Replay Controller Software

7.1. Installation

"DejaVu" Replay Controller is a free software application that extends functionality of "DejaVu" Instant Replay System. It turns your laptop into easy-to-use replay controller.

System requirements:
- o Windows 7 or higher;
- o Gigabit Ethernet network adapter;

'Contour Design ShuttleXpress' USB controller is highly recommended but not required.

- ✓ Run provided 'DejaVu_Replay_Install.exe' and follow installer prompts.
- ✓ Launch 'DejaVu Replay Controller' shortcut on the desktop.
- ✓ Enter IP address of the "DejaVu" unit to connect. If you don't know the IP address, use 'Smart IP' application to locate your "DejaVu"unit in the LAN and setup its IP address.

7.2. User interface

See Fig.6 User interface layout on page 25.

1. Video window. This window displays either multiviewer output or full-screen output from one of the selected replay channels.

2. Video selection buttons. Choose either multiviewer mode or one of the replay channels.
   NO SIGNAL message is displayed under the corresponding channel button if there's no input connected or video signal is in unsupported format.
   NO SSD message is displayed if there's SSD failure for the corresponding channel.

3. Timecode of the last recorded frame. It will be running if recoding is ON.

4. Recording and playback modes indicators, they light up if the replay system is currently in the corresponding mode. You can click on LIVE indicator to switch to LIVE mode.

5. Replay clips list. For each replay clip, **In** and **Out** mark timestamps as long as **Duration** are displayed. You can edit clip label, change replay channel and enable or disable selecting the clip into playlist (✔). To cue individual clip for replay click its 🔽 button. To delete the clip click ❌ button. Similar buttons on top allow cueing all selected clips or deleting all clips from the list.

   Note that clips list in the software is different from the PLAYLIST inside 'DejaVu' Replay System unit!

6. Virtual T-bar. Grab the handle by clicking left mouse button and move it up to select *FAST* mode or down to select *SLOW* mode and adjust playback speed.

7. Timecode of the current playback position.

8. Control buttons:

☐ **PLAY / PAUSE** – playback control;

☐ **REPEAT LAST** – cue last replay clip again after it was played;

☐ **REVERSE** – click to reverse playback direction (backwards). Click again to return to normal direction;

☐ **-1** / **+1** – change position to previous / next frame;

☐ **MARK IN** – set current position as IN mark for the clip. IN timestamp is displayed above the button;

☐ **MARK OUT** – set current position as OUT mark for the clip. OUT timestamp is displayed above the button;

☐ **QUICK REPLAY** – works similarly to MARK button on the hardware control panel. Automatically set IN and OUT positions of the new replay clip related to currently recording timestamp;

☐ **SAVE** – save current clip to the replay clips list (5); Current clip duration is displayed above the button;

☐ **CLEAR** – clear IN and OUT marks;

 - Grab this handle by clicking left mouse button and move it left or right to change playback position. *Using Contour Design ShuttleXpress USB Controller is highly recommended!*

9. Internal chipset temperature of the 'DejaVu' Replay System unit (in degrees Celsius). *Warning: temperature reading higher than +65°C may indicate cooling fan failure!*

10. Access to 'DejaVu' Replay System unit settings (**DEVICE CONTROL**) and **SETTINGS** (see below).

Fig.6 User interface layout

7.3. Settings

This window lets you change different settings of the 'DejaVu' Replay System unit and control recording modes. Changes are effective immediately.
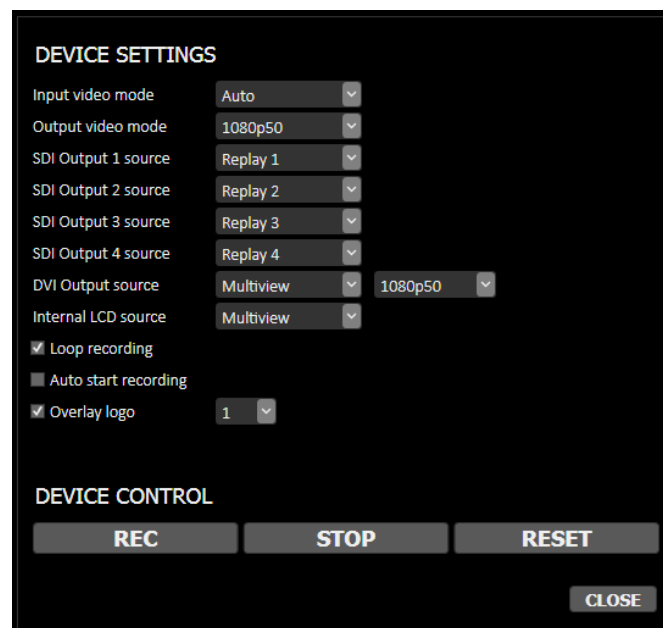
Device settings:

- ✓ **Input Video Mode** – choose video mode for all 4 inputs from *1080p50*, *1080i50* or *Auto* (autodetection). Note that internally 'DejaVu' Replay System always records in 1080p50 mode, conversion is performed when needed;
- ✓ **Output Video Mode** – choose video mode for all outputs from *1080p50* or *1080i50*;
- ✓ **SDI Output N source** – choose between *Master* output or corresponding *Replay* channel output for each of 4 outputs;
- ✓ **DVI Output N source** – choose between *Multiview*, *Master* output, or '*Master output with OSD overlay*' for DVI Output connector. DVI Output **video mode** can be set to *1080p50* or *1080i50*;
- ✓ **Internal LCD source** – choose between *Multiview* or '*Master output with OSD overlay*' for internal

  LCD display. This is what `MSCR` button does;
- ✓ **Loop recording** – activate or deactivate *LOOP* recording mode;
- ✓ **Auto start recording** – activate or deactivate *AUTO* recording mode;
- ✓ **Overlay logo** – choose whether to overlay logo during replays on the Master output or not. Select one of the 7 logo slots;

Device control:

- ☐ **REC** – start recording;
- ☐ **STOP** – stop recording;
- ☐ **RESET** – Delete all recorded video footage. All clips saved to the playlist will be also deleted.
  WARNING: All recorded video on SSD will be lost!

This window lets you change different settings of the 'DejaVu' Replay Controller software. Click **SAVE** to apply changes or **CANCEL** to discard.
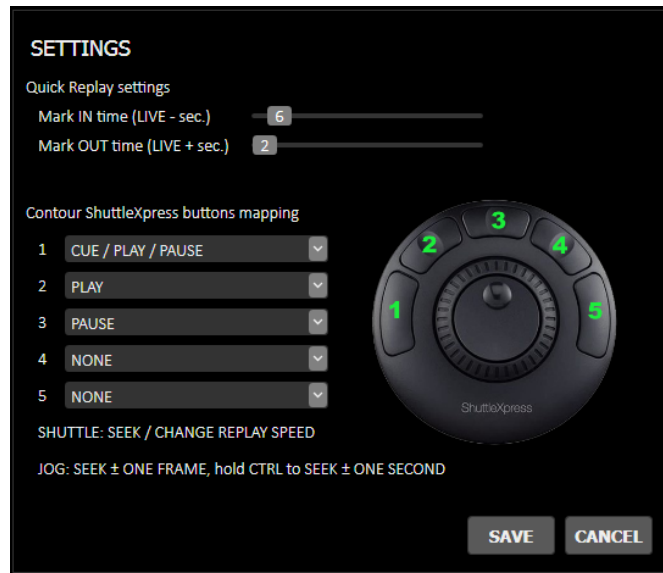
- ✓ **Quick Replay Settings** – set time for **IN** position (rewind back from current LIVE timestamp) and **OUT** position (forward from current LIVE timestamp) for **QUICK REPLAY** function;
- ✓ **Contour ShuttleXpress buttons mapping** – map different functions to five buttons on the USB controller;