T2™ 4K Series
DIGITAL RECORDER/PLAYER

Release Notes

Software Version 3.4.0.1791 (April 2021)

www.grassvalley.com

Grass Valley® Product Support

For technical assistance, to check on the status of a question, or to report a new issue, contact Grass Valley Product Support via email, the web, or by phone or fax.

Web Technical Support

To access support information on the web, visit the product support webpage on the Grass Valley website. You can download software or find solutions to problems by searching our Frequently Asked Questions (FAQ) database.

- World Wide Web: http://www.grassvalley.com/support/
- Worldwide Technical Support: Please use our online form

Phone Support

Use the following information to contact product support by phone during business hours. After hours phone support is available for warranty and contract customers.

United States/Americas	+1 801 222 5204
Europe, Africa & Middle East	+ 44 844 338 7007
Asia (except China/Korea)	+86 21 5869 8668

Authorized Support Representative

To locate the support representative for your country, visit the Product Support webpage on the Grass Valley website: www.grassvalley.com/support/contact.

New Features of Version 3.4.0.1791

This update provides the following additional features:

- Support multiple recording channels for HD / SD video recording (Up to 3ch: Elite / Pro, up to 2ch: Express)
- Support applying transition effect to playlist
- Support ASIO audio device for video recording
- Support 60 / 30p format for recording and playback

Update History

This Service Pack fixes/improves the following issues:

- T2 fails to unload paired clip (clips for sync playback) if external reference no longer inputted to playout channels
- While recording a clip in DNxHD, T2 doesn't split a clip even though detecting timecode discontinuity
- "Insert at the tail" placeholder option doesn't work if video recording is running in MXF format
- T2 returns incorrect recordable time in AMP response (SFDC00770170)
- If different length of playlist are loaded for sync playback, T2 repeats playback shorter playlist
- NTSC or PAL video recording doesn't start if 'Record Ancillary data' is enabled
- FTP transfer of growing clip doesn't start immediately if recording is running in MXF format

APPENDIX

Supported function in multiple channel video recording

Supported function depends on recording channel. Several functions are only supported in R1 channel

Function	3 in 0 out		
	2 in 1 out		
	R1	R2	R3
Supported codec for recording	Grass Valley HQX AVI or MXF *Other format is not supported		
VTR mode	Yes	No	No
Schedule recording	Yes	No	No
E to E	Yes	No	-
Automatic loading growing clip to playout channel	Yes	No	-
Automatic loading sub-clip to playout channel	Yes	No	-

AMP channel mapping

T2 supports AMP / BWW remote command for all channels. Channel mapping between AMP and T2 is now changed due to supporting multi channel recording

AMP channel	T2 channel
vtr_r1	R1
vtr_r2	R2
vtr_r3	R3
vtr_p1	P1
vtr_p2	P2
vtr_p3	P3

Video monitor output (HD / SD mode)

You can assign monitor output in I/O mode settings:

- T2 4K series: Any channel can be assigned to the monitor output jacks
- T2 4K Plus series: Below is assignable matrix

2 in 1 out mode:

SDI port#	Type	Channel	Assignable channel
SDI1	Recorder	R1	-
SDI2	Recorder	R2	-
SDI3	Monitor Output	-	R1, P1
SDI4	Monitor Output	-	R1, P1
SDI5	Player	P1	-
SDI6	Monitor Output	-	R1, R2, P1
SDI7	Reserved	-	-
SDI8	Reserved	-	-

3 in 0 out mode:

SDI port#	Type	Channel	Assignable channel
SDI1	Recorder	R1	-
SDI2	Recorder	R2	-
SDI3	Recorder	R3	-
SDI4	Reserved	-	-
SDI5	Monitor Output	-	R1
SDI6	Monitor Output	-	R1 or R2
SDI7	Monitor Output	-	R1 or R3
SDI8	Reserved	-	-