



**Grass Valley**  
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# T2 4K Series

DIGITAL RECORDER / PLAYER

Software version 3.4.5.2279

**Release Notes**

**March 2022**

[www.grassvalley.com](http://www.grassvalley.com)

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## Applicability

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T2 4K software version 3.4.5.2279 applies to the following products:

- T2 4K Elite, Pro, Express (A)
- T2 4K Elite, Pro, Express
- T2 4K Elite, Pro, Express Plus
- T2 4K Elite, Pro, Express with 12G I/O card

## New Features

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This update provides the following additional features:

- Support XDC NEXT/PREV VTR extended command while working in BVW remote control
- Support simultaneous working two channels in 4K 30p mode (only for Elite Plus & 12G model)
- Support the sync bit for synced embedded audio output

## Update History

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This update fixes / improves the following issues:

- T2 crashes while rotating Windows performance monitor logs (SFDC00797839)
- T2 displays invalid time code if a clip that has no timecode is loaded and played with scan conversion
- Browsing same FTP server while FTP transfer makes import error
- T2 freezes if it receives certain AMP command while T2 is busy

# 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		R3
	R1	R2	
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 / BVW 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
- 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	-	-