

Stay at the Top of Your Game

With The ST304 Slow Motion Controller

No Errors, No Fumbles, No Fouls

In live sports and broadcasts, when every second counts, the ST304 Slow Motion Controller puts you in control by providing fast, easy, reliable, and precise control over your DDR/Video Server. Its familiar and intuitive user interface helps you get the job done.

Supporting the simultaneous record and playback capabilities of today's DDRs and video servers, the ST304 lets you mark IN/OUT points on the fly, then playback instant replays without disrupting the record process. Quickly toggle between LIVE and PLAYBACK at the press of a button to stay on top of the action.

The ST304 is based on DNF's field-proven, widely accepted ST300 Slow Motion Controller with an added 4-line display and the ability to create, save and recall video segments.



The Right Tools for The Job

- Supports simultaneous record and playback - mark IN/OUT points on the fly and playback segment without disrupting the record process.
- Create, save, and recall video segments for instant replays. Mark IN and OUT points using Record or Playback time.
- Press EE to quickly toggle between LIVE and PLAYBACK video.
- Fast, easy, reliable, precise "VTR-like" control.
- Familiar & intuitive user interface.
- Slow-motion instant replay with T-bar or detented wheel.
- 100 cue points per playback channel. Cue points retained when power is off.
- Supports 2 Record and 2 Playback channels.
- Small footprint fits almost anywhere (12" x 6") - even in your lap.
- Powerful setup menu for personalized control features.

Available Models

ST304-DSR1K-T for the Sony DSR-DR1000 DDR. Supports 2 record and 2 playback channels.

ST304-S-RP-T for DDRs that support Simultaneous Record/Playback capability and Sony BVW control protocol. Supports 2 record and 2 playback channels.

ST304-Edit-T Slow Motion Controller with A/B Cuts Only Editing for VTRs/DDRs that support Sony BVW control protocol.

Playing Fields

- Stadiums and arenas.
- Mobile trucks.
- Studio sports production.
- News, talkshows, live environments.

PRECISE CONTROL

ST304 Slow Motion Controller

Power 90 VAC to 265 VAC adapter supplied with IEC Connector

Size (L" x W" x H")
12" x 6" x 1.5" (front)
3.0" (rear)
T-Bar unit is 12.6" wide

Weight 4 lbs

Rear Panel

Connectors VTR1, VTR2, VTR3, VTR4 (All DB9F)
GPI (DB15F)
Power (DB9M)
Aux (DB9F)
Reference Video (BNC)

Display Easy to read 4-line, back-lit LCD display
(user adjustable contrast)

Jog/Shuttle

Wheel With mechanical detents

Optional T-Bar Slo-mo 0-200% of play speed

RS422 Serial Connector 9-Pin D-type, Female (DB9F)

Pin #	Function	Pin #	Function
1	Frame Ground	6	Receive Common
2	Receive A	7	Receive B
3	Transmit B	8	Transmit A
4	Transmit Common	9	Frame Ground
5	Spare		

Power Connector 9-Pin D-type, Male (DB9M)

Pin #	Function	Pin #	Function
1	+5v DC	6	+5v DC
2	+5v DC	7	Ground
3	Ground	8	Ground
4	+12v DC	9	Ground
5	-12v DC		

Aux Port RS422 Serial Connector 9-Pin D-type, Female

Pin #	Function	Pin #	Function
1	Frame Ground	6	Transmit Common
2	Receive A	7	Receive B
3	Transmit B	8	Transmit A
4	Receive Common	9	Frame Ground
5	Spare		

GPI IN/OUT Connector 15-Pin D-type, Female (DB15F)

Pin #	Function	Pin #	Function
1	GPI 1 Out PLAY tally out	9	GPI 1 In PLAY
2	GPI 2 Out STILL/STOP tally out	10	GPI 2 In STOP
3	GPI 3 Out RECORD tally out	11	GPI 3 In RECORD
4	GPI 4 Out REWIND tally out	12	GPI 4 In REWIND
5	GPI 5 Out FFWD tally out	13	GPI 5 In FFWD
6	GPI 6 Out SLOMO tally out	14	GPI 6 In SLOMO
7	GPI 7 Out	15	GPI 7 In STILL
8	Ground		

Connection Diagram

