

RAPTOR 50 FRONT PANEL KEYSTROKES

Document revision 2.10

Note: Keys must be pressed and held in specified order (key 1, then 2, then 3)

Regular operational keystrokes

Key 1	Key 2	Key 3	Notes
Record			If in E-E, starts recording. If not in E-E, goes to E-E. Press twice to start recording from play or pause.
Play			If paused, starts playing. If playing, pauses.
Play	<<		Scans backward at -4x
Play	<		Scans backward at -2x
Play	>		Scans forward at 2x
Play	>>		Scans forward at 4x
Pause			If in playback: pauses the DDR. If in record: stops recording.
Pause	<<		Decrease next playback speed: used for setting variable speed playback.
Pause	>>		Increase next playback speed: used for setting variable speed playback. <i>*see notes</i>
Pause	Option	Play	Loop play current clip. This automatically loads the clip's first and lasts frames into cue 1 and cue 2 respectively
Pause	Play		Chase input timecode
Pause	>		Change still frame display mode - Frame / Field 1 only / Field 1 then 2
Pause	<	>	Asks to confirm, then deletes current clip
Cue 1-4			If in play or pause will locate to frame previously stored If in record will save current frame in cue (use as 4 "action markers").
Option	Cue 1,2,3 or 4		Save current frame as cue point while deck is paused or playing.
<			Frame step backwards
>			Frame step forwards
<<			Locates to beginning of current clip, or locate to beginning of previous clip. If in E-E, locates to beginning of most recently recorded clip.

Key 1	Key 2	Key 3	Notes
>>			Locates to beginning of next clip.
Jog/shuttle push			Pause deck if in play or record. Toggles between jog or shuttle mode.
Option	J/S push		Select clip scan mode for Jog/Shuttle knob
Option	Play		Loop play between Cue 1 & Cue 2 (or entire disk if cues not set)
Option	<		Rewind 1 second
Option	>		Fast forward 1 second
Option	<<		Locates to first frame of video on deck
Option	>>		Locates to last frame of video on deck
Option	<	>	Asks to confirm, then clears the hard disk (must hold for about 1 second)
Option	Record	Cue1	Toggles video recovery mode
Option	Record		In E-E, starts loop recording
Option	Record	<<	Change video compression level
Option	Record	>>	Toggle input video between composite and Y/C
Option	Record	Play	Toggle genlock ON/OFF
Option	Record	<	Decrease time-lapse recording setting (hold to auto-repeat)
Option	Record	>	Increase time-lapse recording setting (hold to auto-repeat)
Option	Pause		In E-E, names next clip. Otherwise, rename current clip. *see notes
Pause	Cue 1		Displays Internal Temperature
Pause	Cue 2		Displays Version Information

OPERATIONAL NOTES

Reverse Play: Raptor Software revision 1.54 and higher allow reverse play speeds to be selected. Use the "increase next playback speed" commands. After you select the fastest variable playback speed of 0.80 fps, the display will show a series of "-" speeds. Anytime the deck is put in play, the selected reverse speed will be used. Remember variable speed settings are global. You must set the deck back to a forward play speed to resume normal operation.

Clip Naming: To name the next recording the deck must be in "E to E". This is when the deck is stopped and the REC button LED is on steady. Press OPTION and PAUSE. Follow the on screen menu to delete, select and change characters.

To rename an existing clip the deck must be in pause. This is when the deck is stopped in playback mode and the PAUSE LED is on. Press OPTION and PAUSE. Follow the on screen menu to delete, select and change character.

Use the "<<" and ">>" keys to select characters, and the "<" and ">" keys to modify the current character. "CUE 3" inserts a blank space and "CUE 4" deletes the current characters. Press PLAY when you're done.

***Shortcut:**

Turning the JOG/SHUTTLE wheel will let you quickly select characters. Pressing the JOG/SHUTTLE knob will move the cursor one character to the right.

RAPTOR 50VA

USER PREFERENCES SPECIAL SETUP MODE

Press and hold in the following (3) buttons while powering up the DDR



- Press and hold in

The front panel graphic LCD display will be blank if this mode is entered correctly. The play, pause and record LED's will blink once to confirm entry into this setup mode. Press and hold the following buttons in order (key1 then key 2) to change u preferences.

The play, pause and record LED's will blink once to verify command was accepted. Re-power the DDR for new preferenc to be in effect.

<u>Key 1</u>	<u>Key 2</u>	<u>Notes</u>
Option	Pause	Display speeds as film camera "FPS" numeric values
Option	<<	Display speeds as decimal values (1.0x, 1.5x, 2.0x)
Option	Record	Quiet mode ON - lower fan speed during recording
Option	Play	Quiet mode OFF - high fan speed all the time
Option	Cue 1	Loop play on power-up: ON - loops between Cue 1 & 2, or entire disk
Option	>	Loop play on power-up: OFF
Record	Pause	Use film speed of 24 FPS for speed calculations
Record	<<	Use film speed of 25 FPS for speed calculations
Record	Option	Use film speed of 30 FPS for speed calculations

VIDEO STANDARD SETTING

Press and hold the following two buttons while powering up the DDR

<u>Key 1</u>	<u>Key 2</u>	<u>Notes</u>
Pause	Record	Sets video standard to NTSC
Pause	Play	Sets video standard to PAL

No further button presses are required for video standard setting.

Release the two buttons after 2 seconds and the DDR will initialize with the selected video standard.

RAPTOR 50 Front Panel Available Playback Speeds - Version 2.10

<i>Speeds relative to "normal" video</i>	<i>Speeds relative to 24FPS film camera</i>	<i>Speeds relative to 25FPS film camera</i>	<i>Speeds relative to 30FPS film camera</i>
30x (s)	0.8	0.83	1
24x	1	1	1.2
20x (s)	1.2	1.3	1.5
12x	2	2.1	2.5
10x (s)	2.4	2.5	3
8x	3	3.1	3.7
6x (s)	4	4.1	5
5x (s)	4.8	5	6
4x (s)	6	6.2	7.5
3.75x	6.4	6.6	8
3.4x	7	7.2	8.7
3x (s)	8	8.3	10
2.6x	9	9.3	11
2.5x	9.6	10	12
2.4x	10	10.4	13
2x (s)	12	13	15
1.7x	14	15	18
1.5x (s)	16	17	20
1.33x	18	19	23
1.2x	20	21	25
1.14x	21	22	26
1.1x	22	23	27
1x (s)	24	25	30
.96x	25	26	31
.92x	26	27	33
.86x	28	29	35
.80x	30	31	38
.75x (s)	32	33	40
.71x	34	35	42
.66x	36	37	45
.60x	40	42	50
.50x (s)	48	50	60
.40x	60	63	75
.33x	72	75	90
.25x (s)	96	100	120
.20x	120	125	150
.16x	150	156	187
.15x	160	166	200
.10x	240	250	300
.08x	300	312	375
.06x	360	375	450
.05x	480	500	600

(s) SHUTTLE SPEEDS - These speeds are available via the shuttle knob.