

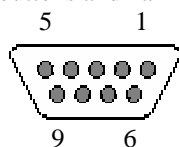
Documentation for DVDS version 1.5 for the KPC2 controller

Hardware Requirements

- KPC-2 Controller with DVDS firmware.
- **KPC4DVD** control cable with additional **DVDEXT** cables if using more than 4 players.
- Pioneer DVD-V7400 set for **9600** baud or 4800 baud (default) or Pioneer DVD-V5000 set for **9600** baud. **ALL PLAYERS MUST BE SET TO THE SAME BAUD RATE.** Dipswitch 3 on the KPC2 sets the BAUD rate of the KPC2 (default is 9600 baud for the controller).
- POWER ON START setting on all the players should be set to T01:C01.
- Optional **KPC2B2** harness and buttons for programming frame numbers into the KPC2.
- **Any player attached to KPC4DVD cable must be powered ON.**

Button wiring

A dry, momentary contact closure must be provided to two pins on the keypad port for the two programming buttons. These buttons and harness (**KPC2B2**) can be purchased from Technovision.



KEYPAD (DB9 FEMALE)

Button#	Function	Pins on keypad port	Wire colors on KPC2B2
1	SET START FRAME (or START show)	2 and 6	GREEN and BROWN
2	SET END FRAME	2 and 7	GREEN and RED

If using the KPC2B2, the wires must be connected to the NO (normally open) and C (common) button connectors.

Programming the STARTING and ENDING frames for the show into the KPC2

To set the STARTING and ENDING frames, attach a player to cable#1 of the KPC4DVD harness and then power on the player and the KPC2. When you see the “TECHNOVISION KPC2” prompt appear on the video output of player #1, you can press **EITHER** buttons 1 or 2 on the KPC2B2 harness to enter EDIT MODE:

EDIT MODE

A=0001000-0002000 (*start frame – end frame*)

While in EDIT mode, use the DVD remote to search to the beginning frame of the show, and press button ‘1’ on the KPC2B2 harness. This programs the current frame number on DVD player as the starting frame. Search to the ending frame for the show and press button ‘2’ on the KPC2B2 harness. This programs the current frame number as the ending frame. Once programmed in, the system can be restarted.

Table 1

The DIPswitches are read only once upon power up – if changes have to be made, you must power down the KPC2, change the switches, then power up the KPC2.

DIP SWITCH	OFF/UP (<i>Default</i>)	ON/DOWN
1	Programming lock OFF	Programming lock ON (no KPC2 prompt)
2	½ sec search/wait delay	1 sec search/wait delay
3	9600 BAUD rate	4800 BAUD rate (added in version 1.2)
4	AUTOSTART	Show activated by pressing either button or pulling pin 3 on the KEYPAD port low (ground is pin 1).

TTL (5VDC @ 25ma) outputs

When waiting for the show to start, pin 6 on the EXTERNAL CONTROL port is LOW and pin 18 is HIGH, and when the show is playing, these signals are reversed. GROUND is pin 1 and 13.

For more information contact Technovision (905) 420-5153 or at support@technovision.com