Documentation for DVD16 version 1.0 for the
KPC2 controller

Hardware Requirements

- KPC-2 Controller with DVD16 flashed programmed into it.
- Pioneer DVD-V7400 or DVD-5000 Industrial DVD player set for **9600** baud and POWER ON START set to T01:C01. Player BAUD speed must be changed from its default speed to **9600** BAUD.
- KPCDVD control cable
- Industrial push buttons

Programming Shows

If one of the show buttons is pressed during the 'Technovision KPC2' prompt, the video output of the DVD player will display 'Edit Mode'. Once you release the button, the system will display the current starting and ending frames programmed for that button.

For example, if button 3 is held down during the prompt, the display will show:

EDIT MODE
S3=0001000-0002000 *(start frame – end frame)*

While in EDIT mode, search to frame wanted for start of show, depress button '1'. This programs the current frame number on DVD player as the starting frame for current show. Search to frame wanted for end of show, depress button '2'. This programs the current frame number as the ending frame and the lights up frame for the current show being edited.

To program the rest of the buttons you must unplug the power to the KPC2 and repeat the procedures above.

Programming the Attract

To program the attract video you must press **BOTH** buttons 1 and 2 at the same time at the "TECHNOVISION KPC1" prompt.

Programming a Moving Video Segment for the Attract: This process is the same as programming a show except the display will read: A=0030000-0054543 when entering the frame information.

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 (*Default*)	ON
1	Programming lock OFF	Programming lock ON (no KPC2 prompt)
2	NO Search Delay	Small delay for use with multiple players
3	NO Button Lockout	Show buttons 1 to 16 are locked out during Shows
4	-	-

Button wiring

A dry, momentary contact closure must be provided to two pins on the keypad port to select a show. These contacts must be within 40 feet of the controller.

4   1

4   6

KEYPAD (DB9 FEMALE)

Show#	Pins on keypad port	Keypad Description
1	2 and 6	R0 and S0
2	2 and 7	R0 and S1
3	2 and 8	R0 and S2
4	2 and 9	R0 and S3
5	3 and 6	R1 and S0
6	3 and 7	R1 and S1
7	3 and 8	R1 and S2
8	3 and 9	R1 and S3
9	4 and 6	R2 and S0
10	4 and 7	R2 and S1
11	4 and 8	R2 and S2
12	4 and 9	R2 and S3
13	5 and 6	R3 and S0
14	5 and 7	R3 and S1
15	5 and 8	R3 and S2
16	5 and 9	R3 and S3