

Documentation for CHAP16 Version 1.1 for the Technovision KPC2

Hardware Requirements

- KPC-2 Controller with CHAP16 flash programmed into the unit.
- Pioneer DVD-V7400 or DVD-V5000 DVD player (set at **4800** or **9600** baud and POWER ON START). **The DVD-V5000 MUST be changed from its default of 19,200 to 9600 baud.**
- KPCDVD player control cable.

Instructions on installing a controller and player

1. **Make sure power to the player and controller is disconnected before installation.**
2. On the controller you must insert the DVD control cable into the DB9 MALE connector.
3. **Cable #1 MUST be connected to player #1 - the entire sequence is cued to player #1.**
4. Plug in the players and insert the discs into the tray.
5. Plug in the power supply to the controller.
6. The controller will now start-up the players and will search to Chapter 1. If the player does not start-up then confirm that BAUD speed is set for **4800** or **9600**.
7. It is recommended that the controller and player be attached to the same power bar so that the controller and player can be easily powered up together.

Show Process

Upon start-up, the controller will initialize the player(s) and then search to CHAPTER 1 (title 1). When the viewer presses a chapter number (1 to 16), the player will search to the appropriate chapter and will then play to the next chapter. If there is no ending chapter, the player will play to the end of the title 1. At the end of the video, the player will wait for another button press.

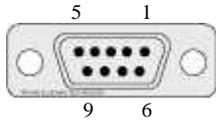
DIPSWITCH FUNCTIONS

DIP SWITCH	OFF (<i>Default</i>)	ON
1	No Button Lockout	Show buttons are locked out during Shows
2	No Search Delay	Small delay after search for use with multiple players
3	4x4 keypad mapping	3x4 key mapping (can use KEY34 keypad)
4	9600 BAUD	4800 BAUD

DIP switches are only read upon power up – if the switches are changes while the KPC2 is powered up, the setting do not take effect until the next time the unit is turned on.

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Keypad Port on the KPC2



CHAPTER#	Pins with 4x4 mapping	Pins for 3x4 mapping
1	2 and 6	2 and 6 (KEY 1)
2	2 and 7	2 and 7 (KEY 2)
3	2 and 8	2 and 8 (KEY 3)
4	2 and 9	3 and 6 (KEY 4)
5	3 and 6	3 and 7 (KEY 5)
6	3 and 7	3 and 8 (KEY 6)
7	3 and 8	4 and 6 (KEY 7)
8	3 and 9	4 and 7 (KEY 8)
9	4 and 6	4 and 8 (KEY 9)
10	4 and 7	-
11	4 and 8	-
12	4 and 9	-
13	5 and 6	-
14	5 and 7	-
15	5 and 8	-
16	5 and 9	-

Setting the Pioneer DVD-V7400 or DVD-V5000 to 'POWER ON START'

The full description of this procedure is outlined in the Operating Instructions manual of the player.

- Make sure the player is powered up and the DVD disc is removed from the player. You may also just simply eject the DVD for this process.
- Enter the ADV SETUP MENU by holding down the **SETUP** button on the remote until the menu appears.
- If the POWER ON START setting on the menu set to OFF, move the selection arrow to POWER ON START.
- Set it to ON by pressing **▶** then **ENTER**
- Press **2** to select TITLE mode
- Enter **01** to select Title 1 then press **ENTER**
- Enter **01** to select Chapter 1 then press **ENTER**
- Press **SETUP** to exit the menu.

Please contact Technovision at (905) 420-5153 for further details.
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