

# Documentation for CHAP1L Version 1.3 for the Technovision KPC2

## Hardware Requirements

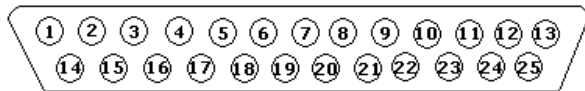
- KPC-2 Controller with CHAP1L flash programmed into the unit.
- Pioneer Industrial DVD player (V5000 or V7400) set to 4800 or 9600 baud (Ver 1.3 has AUTOBAUD sensing).
- DVD with multiple chapters and no menus encoded on the disc.
- KPCDVD player control cable.
- Optional PC2KTS terminal adapter and Industrial Push buttons.

## Show Process

Upon start-up, the controller will sample the serial port to set the correct baud speed (4800/9600) before turning on the STATUS LED. It will then initialize the player and then starts repeating Chapter 1 to Chapter 2. When the viewer presses a chapter number button (1 to 16), the player will search to the appropriate chapter and will then play to the next chapter. At the start of the video there is a dipswitch selectable button lockout (see below). Upon reaching the next chapter, the player will then start repeating Chapter 1 again. During the playing of each chapter there will be a 5-volt (30ma) output available on the EXTERNAL CONTROL port of the KPC2.

## DIPSWITCH FUNCTIONS

<i>DIP SWITCH</i>	<i>OFF (Default)</i>	<i>ON</i>
1	No Button Lockout	Button lockout (see DIP 2 below)
2	10-second Button Lockout	30-second Button Lockout



CHAP#	Pins on KEYPAD port	Wire Colours on optional PC2KTS cable	Pin on EXTERNAL CONTROL port with a 5-Volt (TTL/30ma rating) output
1	2 and 6	GREEN & BROWN	6 <b>**Lockout does not affect this button**</b>
2	2 and 7	GREEN & RED	18
3	2 and 8	GREEN & ORANGE	5
4	2 and 9	GREEN & YELLOW	17
5	3 and 6	BLUE & BROWN	4
6	3 and 7	BLUE & RED	16
7	3 and 8	BLUE & ORANGE	3
8	3 and 9	BLUE & YELLOW	15
9	4 and 6	WHITE & BROWN	10
10	4 and 7	WHITE & RED	22
11	4 and 8	WHITE & ORANGE	9
12	4 and 9	WHITE & YELLOW	21
13	5 and 6	BLACK & BROWN	8
14	5 and 7	BLACK & RED	20
15	5 and 8	BLACK & ORANGE	7
16	5 and 9	BLACK & YELLOW	19 On the circuit board, the jumper on P6 must be moved from 7&8 to 6&7
			1 and 13 are <b>GROUNDS</b>