
Documentation for DVD4 Version 1.5

Programmed for the
Technovision PC-2 Controller

Allows for the individual synchronization of up to 4
Pioneer Industrial DVD players.

Players are synchronized by frame numbers (within
title 1)

Information is programmed via LD or DVD remote.

Last Update January 2004

***** INTERESTING NOTES *****

To have perfect "FIELD" accurate playback, Pioneer recommends using a black burst generator that all the DVD-V7400's can be synch locked to, but tests have show that the DVD-V7400 can also lock to a standard video signal as well. This signal can be derived from the second video output from player #1, making it unnecessary to have a black burst generator.

When using a program for synchronizing DVD-V7400 players, using frame numbers, the DVDs will have to be authored to have "FRAME/TIME ACCESS" enabled - a mode that is set in the DVD creation stage. Without FRAME/TIME ACCESS enabled, the DVD player can not be accessed by frame numbers (or time) and can only be accessed by Chapter or Title.

You can easily test if the disc has FRAME/TIME ACCESS enabled by pointing the remote at the player and pressing the "FRAME/TIME" button on the remote. If the unit prompts you to enter a number - FRAME/TIME ACCESS is enabled. If you see a remote icon with an "X" through it - FRAME/TIME ACCESS is disabled.

For additional technical information contact:
Technovision Technical Support
(905) 420-5153
support@technovision.com

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KPC-2 multimedia controller.
V74BC button controller for Pioneer Industrial DVD players
and many more...

Revision A

KEYLOCK ON/OFF:

Pressing 3 on the remote will toggle the KEYLOCK on the player. With KEYLOCK ON, the remote will not work with the player.

AUTOSTART ON/OFF/HOUR:

Pressing 4 on the remote will change the AUTOSTART setting from ON (no START switch needed) to OFF (requires START contact) to HOUR (starts when the minute is 00 or START button is pressed).

RUN PROGRAM:

The PC-2 will start up all the players, search to title 1, then search to their beginning points. The controller will then wait for the START cue (determined by AUTOSTART setting). A dry closure between pins 2 and 6 on the keypad port of the PC-2 serves as the start switch. The players will then start playing at the same time until their end point is reached (or player 1 ends).

The show is cued to the ending of player #1. When player #1 ends, all players will return to their starting points.

Show Buttons (dry, momentary contact closure on keypad port):

START/STOP Pins 2 and 6 on the keypad port will START the show. You can only STOP the show if the player is first in STILL mode.

STILL Pins 2 and 7 will still frame the show. Press PLAY to resume.

PLAY Pins 2 and 8 will put the player back into PLAY mode after being put into STILL mode.

-- Programming Tip -- You can also press the RESET button the back of the PC-2 to restart the PC-2 program without turning off all the components.

For more information contact Technovision at (905) 420-5153

Other Programs available for the PC-2:

SEG16 Program on-screen an attract video which can either be running video, a still frame or video off. You can connect up to 16 button to play 16 discrete shows which return to the attract video when completed. There is a programmable lockout to stop multiple button presses by younger audiences

DVD4T Synchronize up to four Pioneer DVD-V7400s individually by title and chapter rather than frame number.

TLOAD Download to the PC-2 multiple parameters for controlling an automated theatre. You can download the starting point, end point, light down point, and light up point for multiple shows which run in sequence. You can also set the delay between shows and one line of text that appears below the on-screen countdown. Lighting cues for dimmers are provided as latched and pulsed TTL outputs on the parallel port of the PC-2.

PC-2 Hardware Options:

54-0000-41 Heavy-duty 1.25" square button
57-0000-41 Heavy-duty 1.25" flush mount square button
PC2P1 Control cable for single Pioneer/Panasonic player
PC2P4 PC-2 control cable for up to 4 Pioneer laserdisc players
PC2P8 PC-2 control cable for up to 8 Pioneer laserdisc players
PC2-RACK 19" EIA rack kit for PC-2
LED5 5 digit LED and control cable
PC2-MS Motion sensor (NC) and power supply
LD-1 Parallel port Line Driver
KEY34 3 by 4 keypad and cable to PC-2 (kiosk operation)

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