

## KPC1 and DVD Synchronizing Industrial vs. Consumer Players

The two factors when deciding whether to use consumer or industrial players are - how accurate do you need the players to be in synchronization, and the reliability of the players. If they have to be perfectly frame accurate and extremely reliable (37,000+ MTBF), then industrial DVD players are the solution.

All DVD disc produced for the KPC1 must begin at the same frame since the KPC1 transmits the same search information to all the players attached to it. If the starting points are different, then another controller has to be used - the [Technovision PC2](#).

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### Using the [KPC1](#) and Industrial Players ([Pioneer DVD-V7400](#))

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There are two options available for DVD – site programmable and pre-programmed. The hardware, to have the industrial DVD players start at the same starting frame on the DVD and play to the same ending frame, is very similar.

<b>Site programmable option using DVD-V7400 players</b>	<b>U\$</b>	<b>CAN\$</b>
<b>KPC1</b> / Multimedia Controller made by Technovision	125	185
<b>DVDS</b> / program chip for KPC1	75	100
<b>KPC14DVD</b> / Standard 4 player cable	45	64
<b>KPC132</b> / button harness used for programming	20	32
Two Pushbuttons	16	25

<b>Pre-programmed option using DVD-V7400 players</b>	<b>U\$</b>	<b>CAN\$</b>
<b>KPC1</b> / Multimedia Controller made by Technovision	125	185
<b>LL</b> / program chip ** for KPC1	100	125
<b>KPC14DVD</b> / Standard 4 player cable	45	64

\*\*Customer provides the frame numbers for pre-programming into the KPC1.

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### Using the [KPC1](#) and Consumer Players ([Pioneer DV-343](#))

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Because of the search characteristics in a consumer DV-343 player, they do not all search and still at the same beginning point. Sometimes this may be 5 to 10 frames into the chapter before it stills. But once they begin playing, the players do not drift from the original search offsets.

<b>Site Programmable (DV-343 Consumer Players)</b>	<b>U\$</b>	<b>CAN\$</b>
<b>KPC1</b> / Multimedia Controller made by Technovision	125	185
<b>DV343P</b> / program chip	100	125
<b>KPC14SR / 4 player SR cable</b>	55	70
<b>Programming keypad (KEY34) and harness</b>	71	96

Customer can program the duration (MM:SS) of the show. All DVD discs will start at Title 1, Chapter 1.

<b>Pre-programmed (DV-343 Consumer Players)</b>	<b>U\$</b>	<b>CAN\$</b>
<b>KPC1</b> / Multimedia Controller made by Technovision	125	185
<b>DV333</b> / program chip	100	125
<b>KPC14SR / 4 player SR cable</b>	55	70

Customer provides the duration (MM:SS) of the show - this is pre-programmed into the DV333 chip. All DVD discs will start at Title 1, Chapter 1.

For more information contact:

Steve Dougall, Technovision Inc. (905) 625-3472 ext. 28, [steve@technovision.com](mailto:steve@technovision.com)