

Documentation for 421VS program

TO601

Hardware Requirements

- 421VS video switcher and 12Vdc (center positive) power adapter (supplied).
- 421VS-BT5 5-position terminal button harness
- Up to four (4) Pushbuttons

Instructions on installing the switcher and button (s)

1. **Make sure power to the 421VS switcher is disconnected before installation.**
2. On the 421VS you must insert the 421VS-B5T harness into the CONTROL PORT connector on the back of the switcher.
3. Attach the video and audio cables from the cameras and other NTSC video sources to the 421VS switcher and then attach the video and audio output cables to your video monitor.
4. If you want to EXTERNAL GENLOCK your video sources, the EXTERNAL SYNCH on the 421VS is sourced from player #1, so you can genlock additional cameras to camera #1.

Program Description

Upon power up, the 421VS will set input#1 as the active input source. Upon button press (x), the switcher will set the output to input (x) and will switch back to input #1 automatically after the “switch back” time (see below).

Internal dipswitches for setting the switch back time to input #1

The default **minimum switch back time** to input #1 is 30 seconds (or 5 seconds if DIPswitch#4 is ON) plus the addition time set by Dipswitches 1 to 3:

Dipswitch# 1 adds 10 seconds to the minimum time

Dipswitch# 2 adds 20 seconds to the minimum time

Dipswitch# 3 adds 40 seconds to the minimum time

DIPswitch#4 sets the default **minimum switch back time** to 5 seconds (useful for testing the system).

The actual switch back time may be a little longer since the 421VS waits for no presses on the keyboard port for 1 second before reading another button press.

Optional 421VS-BT5 (5-position button terminal)

<u>Wire Colour</u>	<u>Function</u>
BLACK	GROUND
RED	wire for button 1 (input 1 select), momentary contact to GROUND to activate,
BLUE	wire for button 2 (input 2 select) “
YELLOW	wire for button 3 (input 3 select) “
ORANGE	wire for button 4 (input 4 select) “

For more information contact: Technovision at (905) 420-5153 or www.technovision.com.