

SIMPLWINDOWS NAME: Visual Circuits Firefly
CATEGORY: Transport Decks
VERSION: 1.0
DATE: February 26, 2002
SUMMARY: This module controls the Visual Circuits Firefly digital video player.
GENERAL NOTES: This module provides control for the Firefly. The device does not provide AUTOMATIC real time feedback. Therefore, it only requires one way communication.

To search for a file or time:

- 1) Pulse TIME-SEARCH or FILE-SEARCH.
- 2) Enter the time or file number to search for.
- 3) Pulse the START-SEARCH input.

NOTE: The command STEP-REVERSE is not supported by the Firefly at this time. The command is provided so that when the command does work you will have the command available to you. Visual Circuits is working on this issue now.

This module also can be used to control the Firefly via TCP/IP. A TCP/IP Client must be put into the Crestron program. The port number is 2180. The module would then be connected to the transmit of the TCP/IP Client symbol.

CRESTRON HARDWARE: CNXCOM,
CNX-COM2,
ST-COM,
CNX-ENET+

SETUP OF CRESTRON HARDWARE: Baud Rate - 9600
Parity - None
Data Bits - 8
Stop Bits - 1

RTS/CTS must be enabled

VENDOR FIRMWARE: 2.11

VENDOR SETUP: You must go into the mmenus and set up the Firefly to allow TCP/IP control. This done by doing the following:

1. Go into the General Settings menu.
2. Select Serial Settings.
3. Select Accept TCP/IP.
4. Select yes. There should be a star next to the yes.
5. Press enter to save the change.
6. Exit the menu.

CABLE NUMBER: CNSP-532

CONTROL:

PLAY	D	Pulse to play from the current position.
PAUSE	D	Pulse to pause and black out the picture.
STILL	D	Pulse to pause and freeze the picture.
STEP-FORWARD	D	Pulse to step forward one frame and freeze the picture.
		Pulse to step reverse one frame and freeze the

STEP-REVERSE	D	picture. NOTE: THIS IS NOT AVAILABLE WITH FIREFLY SOFTWARE VERSION 2.11.
SCAN-FORWARD	D	Pulse to go into fast forward. NOTE: PULSING THIS WHILE IN FAST FORWARD WILL HAVE NO EFFECT.
SCAN-REVERSE	D	Pulse to go into rewind. NOTE: PULSING THIS WHILE IN REWIND WILL HAVE NO EFFECT.
TIME-SEARCH	D	Pulse this before entering the time to search for. Maximum time to search for is 23:59:59 (hr:min:sec).
FILE-SEARCH	D	Pulse this before entering the file number to search for. Maximum file to search for is 999999.
KEY-*	D	Key pad inputs for entering the time or file to search for.
KEY-CLEAR	D	Clears the keypad entry.
START-SEARCH	D	Sends the search command to the Firefly.
CANCEL-SEARCH	D	Clears the search time/file entry and resets the TIME-SEARCH-FB and FILE-SEARCH-FB outputs.
CHANNEL NUMBER	P	Enter the channel number to control. To control all channels enter the number 0.

FEEDBACK:

TIME-SEARCH-FB	D	Feedback telling the user that the module will perform a time search.
FILE-SEARCH-FB	D	Feedback telling the user that the module will perform a file search.
SEARCH-LOCATION	S	Serial signal with the file number or time to search for. Should be displayed in an indirect text field.
TO-DEVICES	S	Serial signal to be routed to a serial com port.

OPS USED FOR TESTING:	5.12.26x
COMPILER USED FOR TESTING:	SimplWindows Version 2.00.25
SAMPLE PROGRAM:	Firefly Demo
REVISION HISTORY:	None