



VTC1 is a compact remote for file-based recorders including: AJA Ki Pro/Ki Pro Rack, Blackmagic Hyperdeck Studio/Studio Pro, Datavideo HDR-60/70 DN-600/700, Fast Forward Video Micron/Omega, Video Devices PIX 250i/260i/270i, Sony XDCAM and other recorders. It works with software that support external 9PIN control and most RS-422 VTRs. It's small enough to fit in your pocket or toolbox, but tough enough to stand up to daily use in professional environments.

The controller provides remote control of standard transport functions like Play, Reverse Play, Still, Stop, Shuttle and automatically configures itself to provide clip browsing on AJA, FFV, Video Devices and other decks that support this feature. For most machines, the Clip+/- feature provides a shortcut to quickly skip 10 seconds forward or back in time.

VTC1 is made with professional transport buttons and a durable steel enclosure and. It requires no external power supply, making it even more convenient and portable, and it quickly connects using integrated 3m 9-Pin/RS-422 cable.

- **Compact Universal RS-422 Remote**
- **Play, Reverse Play, Still, Stop, Record, 2x, 4x, 8x, 16x Shuttle**
- **Supports Frame +/- With Most Recorders**
- **Professional Transport Buttons - Steel Enclosure**
- **No External Power Supply Required**
- **Supplied 3m cable**
- **Automatically configures for clip browsing on KiPro, Micron, Sound Devices and other decks**

- **Controls Most Disk-Based Video Recorders Including:**
- **Blackmagic Design HyperDeck Studio/Studio Pro**
- **AJA Ki Pro, Ki Pro Rack**
- **Datavideo HDR-60/70 - DN-600/700**
- **FFV Micron, Omega HD**
- **Sony XDCAM**
- **Video Devices PIX 250i, 260i, 270i**
- **Most Professional RS-422/9PIN VTRs**



More Info

VTC1 User Notes

VTC1 Connector

The VTC1 has a combination male, 9 pin, D-Subminiature plug with 2.1 mm power jack. This plug is designed to plug directly into a standard 9-pin remote connector of most hard disk based recorders and VTRs.

Power

VTC1 is a low power controller that can typically be powered from the RS-422 port of the device. If an external power supply is needed, we recommend the JLCooper PSDC117 (North America/Japan) or PSDC230 (Europe). Alternately, you can use a power supply rated for 9-12 Volts DC at 100mA or greater. The plug is a barrel connector. The center pin is 2.1mm. The polarity is center positive.



Data

The pinout of the 9 pin, D-Subminiature plug follows the standard pinout for most hard disk based recorders and VTRs.

VTC-1	Function
2	Receive A (-)
7	Receive B (+)
8	Transmit A (-)
3	Transmit B (+)
1,4,6,9	Ground
5	No connect

VTC-1 Pinout

Operation

Power Up

When the VTC-1 is powered up, the unit flashes the record LED to identify the device that it's plugged into.

Record LED	Status
●●●●●	No device detected
●●●●●●●●	Generic device
●●●●●●●●●●	Aja Ki Pro / VideoDevices PIX 250i/260i/270i
●●●●●●●●●●	Fast Forward Video Micron or Omega HD
●●●●●●●●●●	Datavideo DN-300/400/500 or HDR-55
●●●●●●●●●●	Blackmagic Design HyperDeck Studio

Record LED Indication

Button functions

The following tables list the commands that the VTC1 transmits when a given button or button with Shift is pressed.

Button	Action	Shift Action
⏪	Shuttle 2x, 4x, 8x, 16x	Skip back 10 seconds
⏮ + ⏪	Go Back 1 Frame	
⏪	Reverse Play	Locate to 00:00:00:00
⏸	Pause*	Stop
⏩	Forward Play	Record
⏭	Shuttle 2x, 4x, 8x, 16x	Skip forward 10 seconds
⏮ + ⏭	Go Forward 1 Frame	

* The VTC1 sends a Stop command when the device is in record mode.
Functions for Generic Devices

Button	Action	Shift Action
⏪	Shuttle 2x, 4x, 8x, 16x	Goto Previous Clip
⏮ + ⏪	Go Back 1 Frame	
⏪	Reverse Play	Locate to 00:00:00:00
⏸	Pause*	Stop
⏩	Forward Play	Record
⏭	Shuttle 2x, 4x, 8x, 16x	Goto Next Clip
⏮ + ⏭	Go Forward 1 Frame	

* The VTC1 sends a Stop command when the device is in record mode.
Functions for Aja Ki Pro

Button	Action	Shift Action
⏪	Shuttle 2x, 4x, 8x, 16x	Goto Previous Clip
⏮ + ⏪	Go Back 1 Frame	
⏪	Reverse Play	Locate to 00:00:00:00
⏸	Pause*	Stop
⏩	Forward Play	Record
⏭	Shuttle 2x, 4x, 8x, 16x	Goto Next Clip
⏮ + ⏭	Go Forward 1 Frame	

* The VTC1 sends a Stop command when the device is in record mode.
Functions for Fast Forward Video Devices

Button	Action	Shift Action
⏪	Shuttle 2x, 4x, 8x, 16x	Goto Previous Clip
⏪	Reverse Play	Locate to 00:00:00:00
⏸	Pause*	Stop
⏩	Forward Play	Record
⏭	Shuttle 2x, 4x, 8x, 16x	Goto Next Clip

* The VTC1 sends a Stop command when the device is in record mode.
Functions for Datavideo Devices

Button	Action	Shift Action
⏪	Shuttle 2x, 4x, 8x, 16x	Skip back 10 seconds
⏪	Reverse Play	Locate to 00:00:00:00
⏸	Pause*	Stop
⏩	Forward Play	Record
⏭	Shuttle 2x, 4x, 8x, 16x	Skip ahead 10 seconds

* The VTC1 sends a Stop command when the device is in record mode.
Functions for Blackmagic Design HyperDeck

Button	Action	Shift Action
⏪	Shuttle 2x, 4x, 8x, 16x	Goto Previous Clip
⏪	Reverse Play	Locate to 00:00:00:00
⏸	Pause*	Stop
⏩	Forward Play	Record
⏭	Shuttle 2x, 4x, 8x, 16x	Goto Next Clip

* The VTC1 sends a Stop command when the device is in record mode.
Functions for VideoDevices Devices