

# Media Commander® MC-100

## Device Controller

### General Description

FutureVideo's Media Commander 100 is capable of exercising precise control over a variety of devices including VTRs, ATRs, DVD players/recorders, DVRs, and camcorders. Transport functions supported include many standard commands: Stop, Play, Fast Forward, Rewind; also *cueing* functions Jog/Shuttle (step/scan), Goto/AutoLocate, Syncroll; and *editing* functions Mark In/Mark Out, Assemble & Insert. It may be connected directly to any personal computer's RS-232C port or to the FutureVideo's MC-20PRO Jog/Shuttle Editlink port and communicate with the computer's application software via the USB port.

### Typical Applications

Media Commander 100 is extremely flexible and is well suited for a variety of software applications, including:

- \* Editing/Archiving
- \* Batch Capture/Acquisition
- \* Logging
- \* Remote Camera (Camcorder) Control
- \* Play List Automation and Syncroll
- \* Print-to-Tape Editing

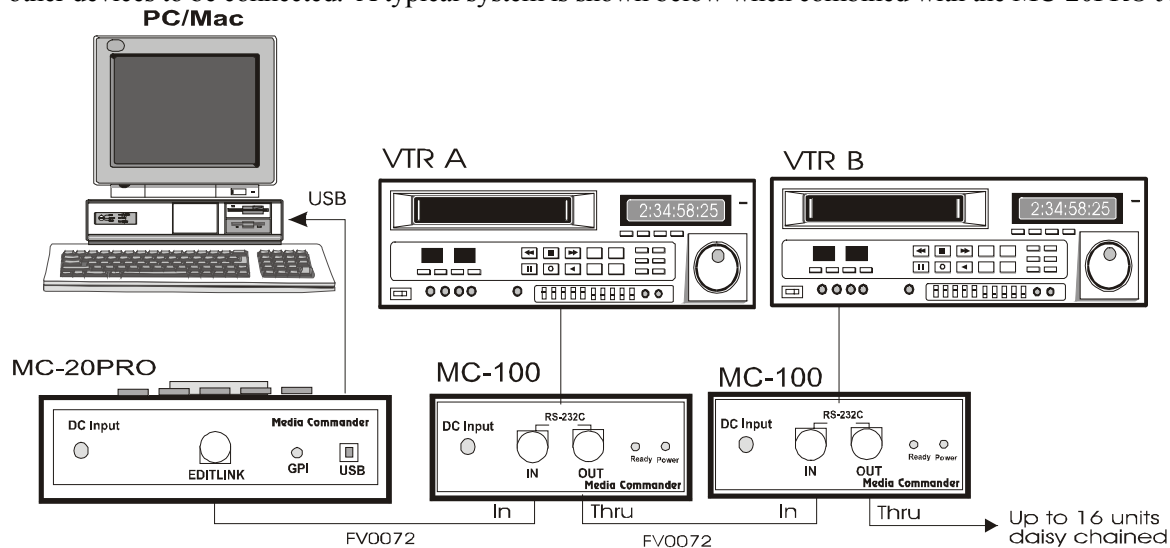


### Non-Linear Application Plug-in Software Provided

Media Commander 100 is an ideal solution that can be used for the locating, logging, and capture from both digital and analog tape when used with either Adobe Premiere Pro or Ulead Media Studio Pro application software. A software plug-in for these applications is included with the MC-100.

## Multiple Source Capture System Application

Media Commander 100 also incorporates a loop-through feature to enable up to 16 Media Commander/transport combinations to be 'daisy chained' for sync-roll editing or multiple source capture. A GPI function is provided to permit other devices to be connected. A typical system is shown below when combined with the MC-20PRO Jog/shuttle.



## Application Using Multiple Media Commanders MC-100

### Devices & Protocols Supported

Media Commander 100 supports a wide range of different transport devices and machine control protocols, including:

- ⊗ Professional VTRs, ATRs, DVRs via RS-442A/RS-232C (Supported Time Codes: SMPTE-LTC, VITC, DVTC, JVC CTRL)
- ⊗ Industrial VCRs via Panasonic Control-M/LANC (Supported Time Codes: RCTC, DVTC)
- ⊗ Consumer VCRs and Camcorders via Sony LANC/Control-S (Supported Time Codes: RCTC, DVTC)
- ⊗ DVD Players/Recorders via RS-232C or RS-422A

### 3<sup>rd</sup> Party Developer Application Programming Interface For Easy System Integration

Media Commander 100 utilizes FutureVideo's proprietary Transport control protocol (TCC™) as the device control interface. TCC is a universal transport communications control language which has been continuously refined and incorporated into all FutureVideo systems. It is *exceptionally* developer friendly. TCC provides proven, highly-accurate device-independent control—irrespective of the transport's particular characteristics. Applications for the Media Commander 100 include:

- ⊗ Law Enforcement
- ⊗ Legal/Court Room
- ⊗ Military
- ⊗ Sports

### Flash Memory for Easy Updates

Media Commander 100 has built-in flash memory to permit easy updates when new devices are upgraded in a system. The serial port is used to download new drivers into the MC100 flash memory. This keeps the system current and saves time and expense of replacing chips or even the controller.

#### Specifications

**Transport Devices Controlled:** 1 Daisy-chainable to 16 units  
**Transport Device Serial Control Protocols Supported:** RS-422A (9-pin); Panasonic Control-M (5-pin); Sony Control-L/LANC (2.5mm or 5-pin); Sony Control-S (3.5mm)  
**Edit Modes:** Assemble; Video Insert; Audio Insert; A/V Insert  
**Accuracy:** ±1 frame (professional time code)  
**Time Codes Supported:** SMPTE/VITC/JVC CTL/Sony Industrial 8mm (via RS-422A); Hi8 RC/DV  
**Connections:** 1 x 7-pin mini-DIN (Transport Device); 2 x 8-pin mini-DIN (RS-232C IN/OUT); 1 x RCA Phono (Time Code IN); 1 x RCA Phono (House Sync IN); 1 x 3.5mm stereo phone (GPI); 1 x power supply input  
**Size:** 6" x 4" x 1 3/4"  
**Weight:** 14.5 oz

#### Power Requirements:

7.5VDC  
**Supplied Accessories:** 1 x RS-232C serial cables; 1 x 120vAC to 7.5VDC power adapter (UL/CSA Approved)  
**Sample Control Software/Plug-in Minimum PC Compatibility:** Windows 2000/XP  
**Warranty:** 2 years parts & labor limited warranty

#### Ordering Information

FV0100 (includes controller, plug-in software, Sample Control application software, developer tools are optional cost, VCR cables are ordered separately)

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