

# MVP-2000

## OVERVIEW

The LEIGHTRONIX MVP-2000™ is a revolutionary product that combines the power of a *digital video player, routing switcher, Event Controller* and *VCR controller* into a sleek, one rack unit package.

The MVP-2000 Digital Video Player eliminates clogged VCR heads, worn out tapes, tape drop-outs, and long rewind times associated with spot playback systems. Imagine your video being played continuously, back-to-back and without delays between each spot. The MVP-2000 provides the power to automatically control digital video playback, VCR functions and switching on your schedule.

MPEG files are created from your video using a variety of encoding methods, including software, hardware, or a combination of both. Once encoded, your MPEG files are easily transferred over a TCP/IP network to one or many MVP-2000 units using the MVP-2000's built in 10BASE-T Ethernet connector. There are no disks to carry to each site and no need to shut down the system in order to update the video.

Imagine being able to distribute digital video and audio information to multiple locations while scheduling the playing of digital video, VCR-based programs and switching functions all from your computer workstation, **across the room or across the country!**

## FEATURES

- Digital video and audio player with built-in hard drive storage
- Built-in video/stereo audio switcher with 4 x 3 external inputs/outputs
- Programmable Event Controller
- Controls up to 16 VCRs
- Controls select external routers
- Network or serial management
- WinMVP management software included
- Immediate remote control of all functions
- Support for user input devices
- Scripts allow multiple MPEG looping, interactive & on-demand playback
- Does not require a continuous connection to a PC for normal operation
- Only one rack unit in height
- Internal log file accessible via FTP
- Battery backup of configuration settings



## DETAILS

### Digital video and audio player with built-in hard drive storage

- MPEG-1 & MPEG-2 digital video decoder
- 16-bit, 44.1KHz (CD quality) stereo audio
- Over 19 hours of digital video from the 40GB internal hard drive (MPEG-2 at 4.5Mb/s)

### Built-in video/stereo audio switcher with 4 x 3 external inputs/outputs

- Input 5 internally connected to MPEG player
- All source to all destination matrix design
- Vertical interval switching
- Digital video can synchronize to video source
- Loss-of-video detection on each output
- BNC video input and output connectors
- RCA audio input and output connectors

### Controls select external routers\*

- LEIGHTRONIX PRO-8 & PRO-16 integration
- PESA, SIGMA, LEITCH, & SIERRA supported

\*Internal router and video detection disabled

### Programmable Event Controller

- 2000 events can be programmed to occur by date and/or day(s) of the week and time
- Schedule MPEG playback, Script execution, VCR control, and switching

### Controls up to 16 VCRs

- Uses LEIGHTRONIX PRO-BUS™ VCR interfaces
- PLAY, STOP, RECORD, & REWIND supported

### Network or serial management

- WinMVP™ client software included
- 10BASE-T Ethernet connector and TCP/IP network protocol support
- User-configurable IP address
- Transfer files via FTP
- Any PC with network access can manage any MVP-2000 on a local or wide area network
- Direct PC connection via RS-232 serial or crossed ethernet cable
- Immediate remote control & configuration

### Support for user input devices

- RS-232 ports configurable from front panel
- MVP-VOICE™ on-demand telephone control
- MicroTouch® touchscreen with 20 zones
- Up to three contact closure GPI inputs

### Scripts allow multiple MPEG looping, interactive & on-demand playback

- Script commands play MPEGs, control VCRs, perform switches, jump to labeled script locations, and jump in response to external triggers

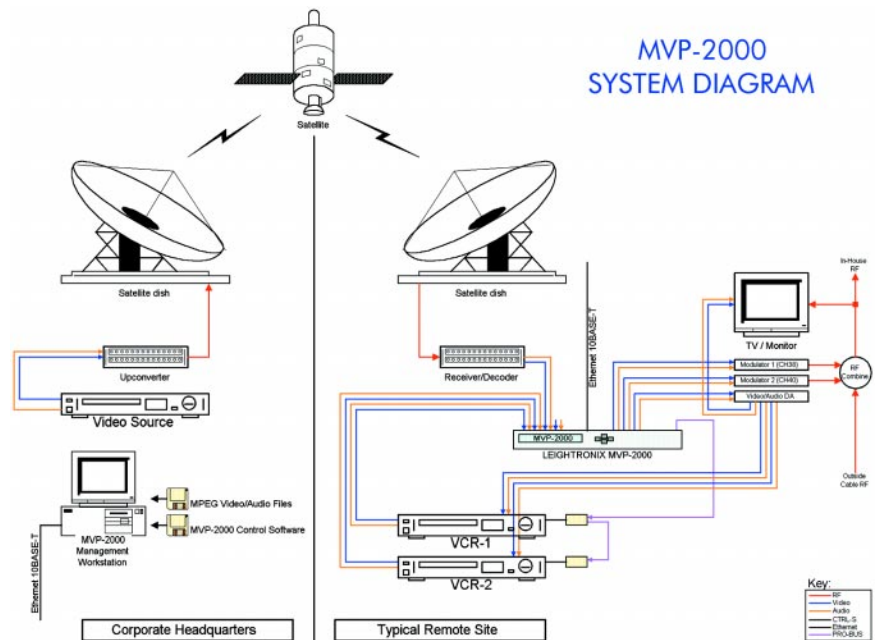
## MVP-2000r

The LEIGHTRONIX MVP-2000r™ is equipped with all the features of the MVP-2000 with the added benefit of a removable hard drive for file storage. The removable drive takes the place of the internal fixed drive within a regular MVP-2000. In addition to transferring files via FTP over a network, the MVP-2000r makes direct PC file transfer and the use of multiple hard drives possible. The MVP-2000r allows quick and easy updating of large quantities of MPEG video file data.

The MVP-2000r includes one 20GB removable hard drive, and one hard drive dock for installation into a networked PC or MPEG encoding workstation. This workstation can be used to manage MPEG, script and schedule data.

Additional removable hard drives and docks (part numbers MVP-HD20 & MVP-DOCK) are available for purchase from LEIGHTRONIX. Multiple drives ease the tasks of archiving and distributing MPEG, script, and schedule files.

Updating an MVP-2000r is as easy as removing the current hard drive and inserting a drive with updated program and control data. Once an MVP-2000r has been configured on site for the first time, it can be updated by simply powering down and swapping out the removable drive. The MVP-2000r maintains the name of the active script and schedule files in nonvolatile memory. By maintaining the same script and schedule file names from drive to drive, updating a remote site is effortless. The MVP-2000r will reload the script and/or schedule of the same name and access the new data.



## APPLICATIONS

### • CORPORATE COMMUNICATIONS

- DAILY NEWS PROGRAMS
- CORPORATE INFORMATION SEGMENTS
- STOCK QUOTES

### • KIOSK INFORMATION CENTERS

- ELECTRONICALLY UPDATE KIOSK INFORMATION WITHOUT THE NEED TO VISIT THE KIOSK
- RS-232 INTERFACE FOR OPTIONAL USER INPUT DEVICES

### • CABLE INFORMATION CHANNELS

- LOOPING "BARKER" CHANNELS
- PUBLIC, EDUCATIONAL, AND GOVERNMENT ACCESS

## SPECIFICATIONS

**Dimensions** - 1.70" H x 19.00" W x 17.00" D

**Weight** - 10 lbs.

**Ethernet** - 10BASE-T, RJ-45 connection  
TCP/IP protocol  
User-configurable IP address  
FTP file transfers  
Telnet control

**Display** - High brightness 128 X 16 dot graphic vacuum fluorescent display

**Keyboard** - Keypad with four push-buttons allows password protected front panel status and configuration

**Cooling** - High output ball bearing fan

**Data Storage** - Internal high performance hard drive

**Internal Clock** - Battery-backed time and date, laser-trimmed crystal oscillator for high accuracy

**MVP-HD20 Hard Drive** - IDE, Microsoft® FAT32

**Alarm Output** - Two-pin removable terminal block, relay contact closure if system fails

**Input and output connections** - VIDEO INPUTS/OUTPUTS: Composite video, BNC female, 75 ohm impedance, 1V p-p

AUDIO INPUTS/OUTPUTS: Stereo audio, RCA female, 10k ohm impedance, line level

PRO-BUS: Six-position/four-conductor modular jack, LEIGHTRONIX proprietary VCR interface control bus

RS-232: COM1 user configurable for external device input or host, COM2 user configurable for external device input and external routing switcher control

NETWORK: Eight-position/eight-conductor modular jack, 10BASE-T Ethernet

POWER: Three-position IEC power input with removable power cord, fuse and power switch. Internal 60 watt power supply accepts 90 to 264VAC @ 47 to 63Hz

**Certification** - UL 1419/CSA C22.2-1, FCC Part 15 Class A