

# ES-450 SP RS-422 - UNIVERSAL JOG/SHUTTLE REMOTE

The ES-450 SP™ - Universal Jog/Shuttle Remote makes operation of professional video recorders fast and easy.

Controls Most Professional VTRs and DDRs

The ES-450™ is a fully functional 9-Pin/P2 Universal Jog/Shuttle Remote Controller for VTRs or DDRs.

It's completely compatible with most professional machines including BVW, UVW, DSR, DVW, HVR, DVCAM and other 9-pin equipped VTRs, DDRs and servers from Sony, Panasonic, FFV, JVC, Doremi, Grass Valley, Harris and others.

The remote is designed for fast and easy editing. It incorporates a keyboard layout which minimizes key strokes, a VTR style Jog/Shuttle Wheel for convenient picture search operations, a back lit LCD Time Code display for easy and accurate editing and much more.

Functionality is at your fingertips with clearly labeled buttons and a natural-feeling key arrangement that helps you work more efficiently.

The ES-450's functions are laid out for fast and intuitive operation without having to tediously scroll through menus to get to often accessed features.

Fast access to Forward Play, Reverse Play, Rewind, Fast Forward, Still/Stop, Shuttle Select, Frame +, Frame-, Mark In, Mark Out and Eject are arranged in an array around the wheel in easy reach. Record controls include Crash/Full, Assemble, Insert Video, A1, A2, A3 and A4 modes.

A numeric keypad provides easy entry of "search to time" locate operations.

There's an alternative to large, costly and cumbersome remotes that consume valuable desk space. ES-450 is the first choice for professionals in control.

Audio Editing - The ES-450 employs an audio split function, which allows the audio edit in-point to be set differently from the video edit in-point. The ES-450 can effectively edit sound or music as well as it does video.



#### ES-450 Physical Specifications

- Size - 6.5" x 10.5" x 3.5"
- Weight - 4 Lbs.

#### ES-450 Features

- Professional Quality Compact Remote Control
- High-Quality, Tactile Transport Keys
- Function Keys Provide Direct Access to Frequently Used Editing Features Including Shuttle Select, Frame+, Frame-, Mark In, Mark Out, Eject & More
- Back-Lit LCD Time-Code Display
- RS-422/9-Pin Interface
- Numeric Keypad for Time Code Entry
- FFV mode for Omega and Micron
- Durable All Metal Construction



## ES-450 J RS-422 UNIVERSAL JOG/SHUTTLE REMOTE

ES-450 J RS-422™ is a fully functional 9-Pin/P2 Universal Jog/Shuttle Remote Controller for VTRs or DDRs. It's compatible with professional machines including most BVW, UVW, DSR, DVW, HVR, DVCAM and other 9-pin equipped VTRs, DDRs and servers from Sony, Panasonic, JVC, Doremi, Grass Valley, Harris, FFV and others.

It's designed for fast and easy editing. It's virtually identical to the ES-450 SP RS-422, but with a JLC Jog/Shuttle Mechanism for convenient picture search operations. Functionality is at your fingertips with clearly labeled buttons and a natural-feeling key arrangement that helps you work efficiently. There's an alternative to large, costly and cumbersome remotes that consume valuable desk space. ES-450 is the first choice for professionals in control.

## DUAL CHANNEL RS-422 CONTROLLERS

### ES-450 J2 RS-422 - DUAL CHANNEL JOG/SHUTTLE REMOTE

A new version of the proven ES-450 J that incorporates a Dual Channel RS-422 interface. It provides fast, precise control of 2 VTRs, DDRs or two channel servers. New FFV mode for Omega HD and Micron.



### ES-450 SP2 RS-422

#### DUAL CHANNEL JOG/SHUTTLE REMOTE

A new version of the proven ES-450 SP (with VTR Style Jog/Shuttle Mechanism) that incorporates a Dual Channel RS-422 interface. It provides fast, precise control of two VTRs, DDR's or servers.

#### ES-450 Physical Specifications

- Size - 6.5" x 10.5" x 3.5"
- Weight - 4 Lbs.



(ES-450 J2 Rear Panel)



(ES-450 J2 Side View)

## FOUR CHANNEL RS-422 CONTROLLERS

### ES-450 J4 RS-422 - FOUR CHANNEL JOG/SHUTTLE REMOTE

A new version of the proven ES-450 J that incorporates a Four Channel RS-422 interface. It provides fast, precise control of four VTRs, DDRs or server channels, including GV Turbo iDDR.



### ES-450 SP4 RS-422

#### FOUR CHANNEL JOG/SHUTTLE REMOTE

A new version of the proven ES-450 SP (with VTR Style Jog/Shuttle Mechanism) that incorporates a Four Channel RS-422 interface.

It provides fast, precise control of up to 4 VTRs, DDR's or server channels.



(ES-450 J4 Rear Panel)



• Integrated quad snake/power cable minimizes desktop clutter.

# ETHERNET CONTROLLERS



### ES-450 Physical Specifications

- Size - 6.5" x 10.5" x 3.5"
- Weight - 4 Lbs.

### ES-450 Features

- Professional Quality Compact Remote Control
- High-Quality, Tactile Transport Keys
- Back-Lit LCD Time-Code Display
- Numeric Keypad for Time Code Entry
- Durable All Metal Construction

## ES-450 JE

### ETHERNET JOG/SHUTTLE REMOTE

ES-450 JE™ is a new version of the ES-450 featuring the JLC Cooper Jog/Shuttle mechanism. A 10/100 Ethernet Interface provides long distance control over LAN, WAN or the internet. It interfaces directly with Doremi Labs Video Servers and Disk Recorders, or use it with eBOX (listed on page 34) to remotely control serial equipped RS-422 servers or RS-232 devices over Ethernet.

## ES-450 SPe

### ETHERNET JOG/SHUTTLE REMOTE

ES-450 SPe™ is a new version of the ES-450 featuring the JLC Cooper Jog/Shuttle mechanism. A 10/100 Ethernet Interface provides long distance control over LAN, WAN or the internet. It interfaces directly with Doremi Labs Video Servers and Disk Recorders, or use it with eBOX (listed on page 34) to remotely control serial equipped RS-422 servers or RS-232 devices over Ethernet.



(ES-450 Je Rear Panel)



(ES-450 Je Side View)

## COMBINE ES-450 ETHERNET CONTROLLERS WITH EBOX

### QUAD SERIAL / ETHERNET / GPI INTERFACE



(eBOX Rear Panel)

A new feature for the ES-450 Je or SP controllers allows them to connect via ethernet to an eBOX. The Ethernet connection can be over LAN, WAN, or even over the internet for long distance control. Works with your existing standard wiring.

eBOX provides four RS-422 or RS-232 connections to serial devices. This facilitates easy long distance control of up to 4 serial VTRs, DDRs or servers.

Read more about the versatile eBOX on pages 30-31.