

## 9 Channel Color Duplex Multiplexer



### FEATURES

- 9 channel inputs
- Easy setup and programming using modern style on-screen menus
- Menu adjustable camera AGC
- High quality color definition
- S-VHS Inputs/Outputs
- Automatic video input termination
- Activity/Motion detection
- Multiple Alarm inputs and outputs
- 2X digital zoom and digital pan & tilt - live & playback

### ARCHITECTS' AND ENGINEERS' BID SPECIFICATION

The system controller shall be a JVC SW-D7000U or equivalent.

The system controller shall provide remote control of connected cameras' common accessories such as: pan and tilt, zoom lens, auto random panning and optional control (Aux 1, Aux 2). Control switches shall include: Iris Control-Open/Close, Preset, Zoom Control-Tele/Wide, Focus Control-Near/Far, Panning Control-Random/Auto, Aux-ON/OFF. Controls shall be: Cable Loss Compensation, Pan/Tilt Control.

All control signals shall be multiplexed into the video signal, so that information can be transmitted to and from the camera location on a single RG-59U coaxial cable. Camera Input 1 (BNC), Video Output 1 (BNC).

Maximum distance between the system controller and the receiver shall be at least 3200' using RG-59U (Belden 9259). The power source shall be 12V DC, 240V or 110V AC. The unit shall be UL listed.

## Specifications

### GENERAL

Power supply requirement	12V DC, 240 or 110V AC to 12V adapter included
Power consumption	40 W
Operating temperature range	20 to 104°F (0 to 40°C)
Dimensions	360 (W) x 65 (H) x 335 (D) mm (14.2" x 32.6" x 13.6")
Weight Approx.	4.2 kg (9.3 lbs.)

### VIDEO

Output	3 BNC connectors, EIA/CCIR compatible video output
Input	
Cameras	9 looping BNC connectors, EIA/CCIR compatible, auto terminating Color camera inputs accepted
VCR inputs	1, EIA/CCIR compatible
Display memory	1,024 x 1,024 memory array, 8 Mb total display memory
Resolution	720 pixels, Horizontal, 484 active lines Vertical (576 CCIR)
Grey scale	256 levels

### ALARM HANDLING

Alarm input	9, programmable NO or NC in menus
Alarm output	2, form C relays, each NO and NC
Alarm latching	3 settings: latched, transparent, timed-out, programmable 1 - 100 seconds
Alarm recording	Automatic priority control, interleaved or exclusive, or none, programmable
Alarm display	Automatic full-screen

### CONTROLS

RECORD	Selects record mode
PLAY	Selects playback mode for decoding tapes
LIVE	Selects LIVE mode
SEQUENCE	Starts or stops sequencing
MACRO FUNCTION	Starts execution of a pre-recorded key sequence
ALARM	Used to accept active alarms
ZOOM	Zooms 2x, fully interlaced, on full-screen displays
PAN & TILT	Arrow keys provide digital pan & tilt on zoomed images
MULTISCREEN	Selects multi-screen displays in LIVE or PLAY mode

### VIDEO INDICATORS

Titles	12 characters, plus camera number, display can be turned off
VCR view	The VCR can be selected as an input to aid VCR setup, using F key

### MOTION DETECTION

Zones per camera	256, 16 x 16 grid
Sensitivity setting	10 levels
Grey levels per zone	256 levels
Recording priority	2x, 4x, interleaved, or none
Status output	RS-232 status. Relays, link to alarm

### REMOTE CONTROL and PROGRAMMING

RS-232	D-sub9, female. 3-wire, N-8-1. 9600 baud
RS-485	6-pin mini-DIN, remote keyboard input, looping, up to 1000 m (3,200') without conditions

## Dimensions