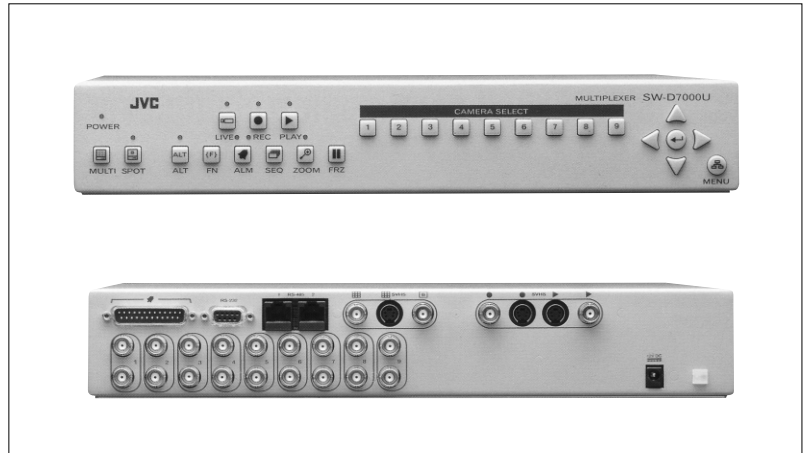# 9 Channel Color Duplex Multiplexer

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.

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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) x65 (H) x335 (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 sequenceing
MACRO FUNCTION	Starts excution of a pre-recorded key sequence
ALARM	Used to accept actrive 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