



DELV-2LCD-7XLPRO



DELV-2LCD-7XLRM
DELV-2LCD7XLS (SDI)

DUAL NTSC 7" COLOR TFT 16:9 / 4:3
LCD RACKMOUNT MONITOR SERIES

USER MANUAL

I. Product Description

Get ready for the new and demanding high resolution video production market, the Delvcam LCD series advanced monitoring system is loaded with features. A dual monitor rackmount solution for the high end video environment, the Delvcam LCD series provides both 16:9 and standard 4:3 aspect ratio video monitoring in a well designed, rackmount housing with optional adjustable pitch.



DELV-2LCD-7XLPRO
Tilting Model



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Features:

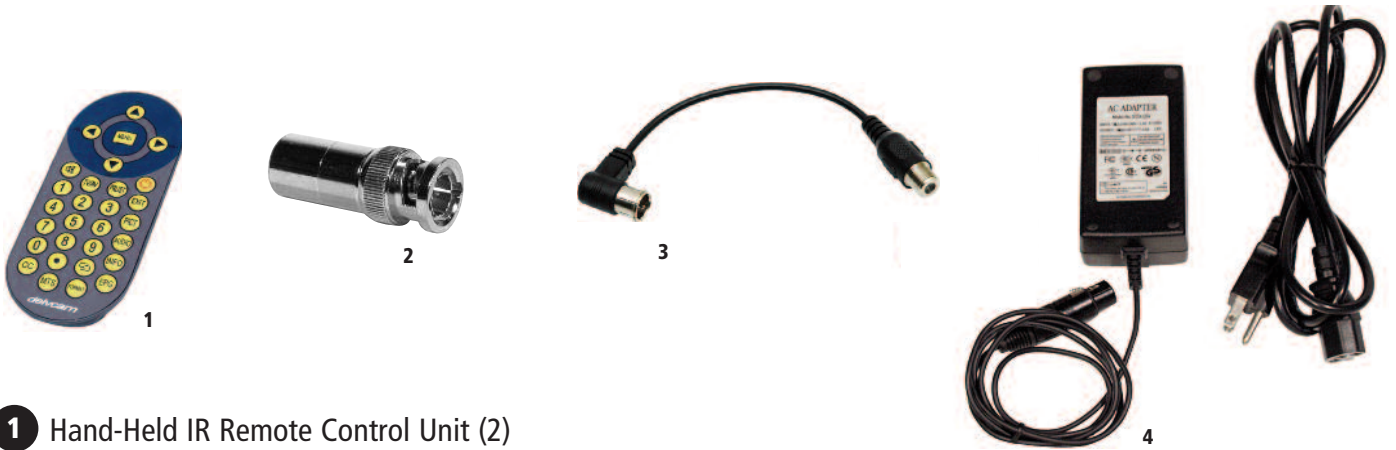
- ☐ Picture Mode Select:
 - 16:9 Wide Cinema Mode
 - 4:3 Normal Mode
 - 4:3 Wide Mode
 - 4:3 Full Mode
- ☐ Looping BNC inputs
- ☐ High Resolution Performance
- ☐ NTSC-M
- ☐ Standard CATV, UHF, VHF TV ATSC Receiver (Monitor A only: 7XLPRO)
- ☐ Allows 180° of tilt while mounted in rack : 7XLPRO
- ☐ Low power consumption and heat dissipation for mobile applications
- ☐ Fits in standard 19" rack, 4 spaces high
- ☐ On screen color, tint, brightness and contrast controls
- ☐ Wireless I/R remote control
- ☐ Assembled in USA, 90 Day Warranty

II. Product Specifications

DISPLAY	7" active matrix TFT-LCD(16:9)	POWER REQUIREMENTS	
BACK LIGHT	Internal CCFT	DELV-2LCD-7XLPRO:	110-220 Volts AC 50/60 cyc Auto switching, 14 watts
DOT MATRIX	0.129 (H) x 0.447 (V)	DELV-2LCD7XLS:(SDI)	110-220 Volts AC 50/60 cyc Auto switching, 14 watts
RESOLUTION	1440 Horizontal x 234 Vertical	DELV-2LCD-7XLRM:	Dual AC Power Adapters 12v 2A
BRIGHTNESS	300 cd/m2(NIT)	OPERATING TEMPERATURE	32-122 Degrees F (0-50°C)
CONTRAST	150:1	REMOTE CONTROL	Handheld Infrared
VIEWING ANGLE	U :15 / D :35, R / L :50	DIMENSIONS	
PIXEL CONFIGURATION	Striped	DELV-2LCD-7XLPRO:	19"W x 4.5"D x 7"H (4RU)
VIDEO SIGNAL	1Vpp into 75Ω Terminated & Looping Input	DELV-2LCD7XLS:(SDI)	19"W x 4.5"D x 7"H (4RU)
STANDARD	NTSC-M	DELV-2LCD-7XLRM:	19"W x 1.75"D x 7"H (4RU)
		WEIGHT	XLPRO-16.0 Lbs. XLS-18.0 Lbs. RM-10.0 Lbs.

III. Items Included

DELV-2LCD-7XLPRO



- 1 Hand-Held IR Remote Control Unit (2)
- 2 75 Ohm Terminator (2)
- 3 RF Adapter (Monitor A Only)
- 4 110-220V 50/60Hz Power Adapter: 12VDC @ 4A

Items Included

DELV-2LCD-7XLRM & DELV-2LCD7XLS (SDI)



- 1 Hand-Held IR Remote Control Unit (2)
- 2 External RF Antenna Adapter Cable (2)
- 3 Video / Audio Input Cable (2) - **DELV-2LCD-7XLRM ONLY**
- 4 110-220V 50/60Hz Power Adapter: 12VDC @ 1.2A (2)
- 5 12V Cigarette Adapter (2)
- 6 75 Ohm Terminator (2) - **DELV-2LCD7XLS (SDI) ONLY**

IV. Front Panel Product Controls



DELV-2LCD-7XLPRO



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IR Remote

Complete instructions for LCD setup and operation are covered in the included LCD manual. Please note that the manual does cover mechanical items and topics that are no longer covered for the Delvcam dual-rack monitor configuration. It is recommended that you read and study that manual first.

V. Rear Panel Connections

DELV-2LCD-7XLPRO



- 1 Power Entry
- 2 Monitor B - Video input (looping)
- 3 Monitor B - Audio input
- 4 Monitor A - RF (CATV) input
- 5 Monitor A - Audio input
- 6 Monitor A - Video input (looping)

VI. Monitor Tilt Operation

- 1 Mount Monitor in Rack
- 2 Push Top or Bottom of Monitor to Tilt as Desired

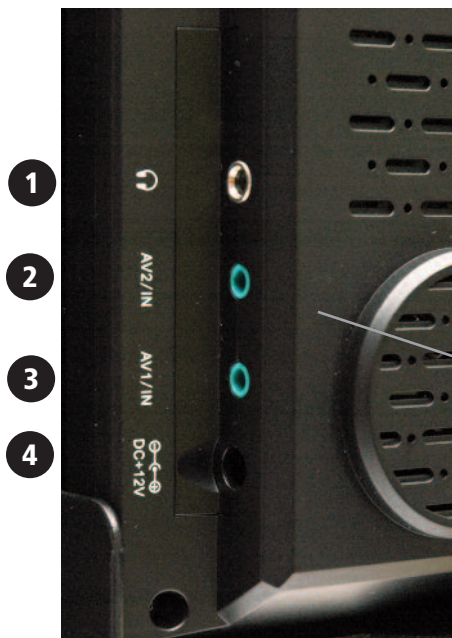


Side View

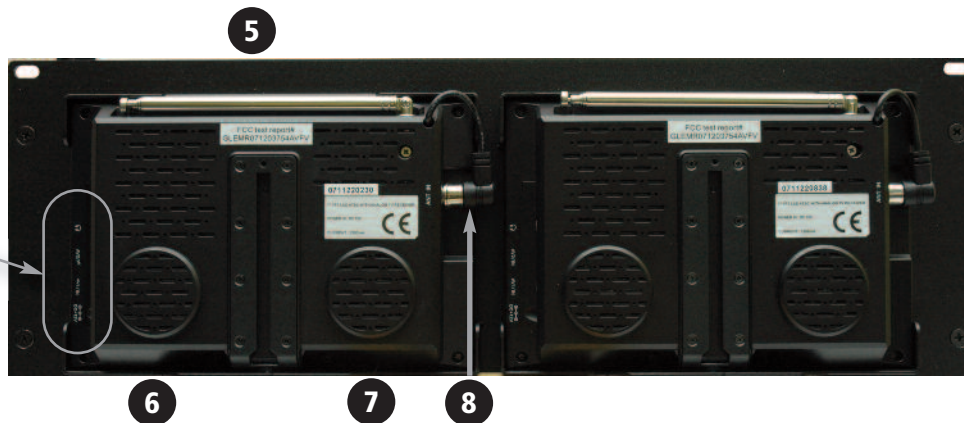


VII. Rear & Side Panel Features

DELV-2LCD-7XLRM



Interface Area - Side View
Monitor A & B



For presentation clarity, information is shown for one monitor only

1 Headphone Jack

2 AV Input 2

3 AV Input 1

4 12V DC Power Input

5 Internal Antenna

6 Speaker - Left

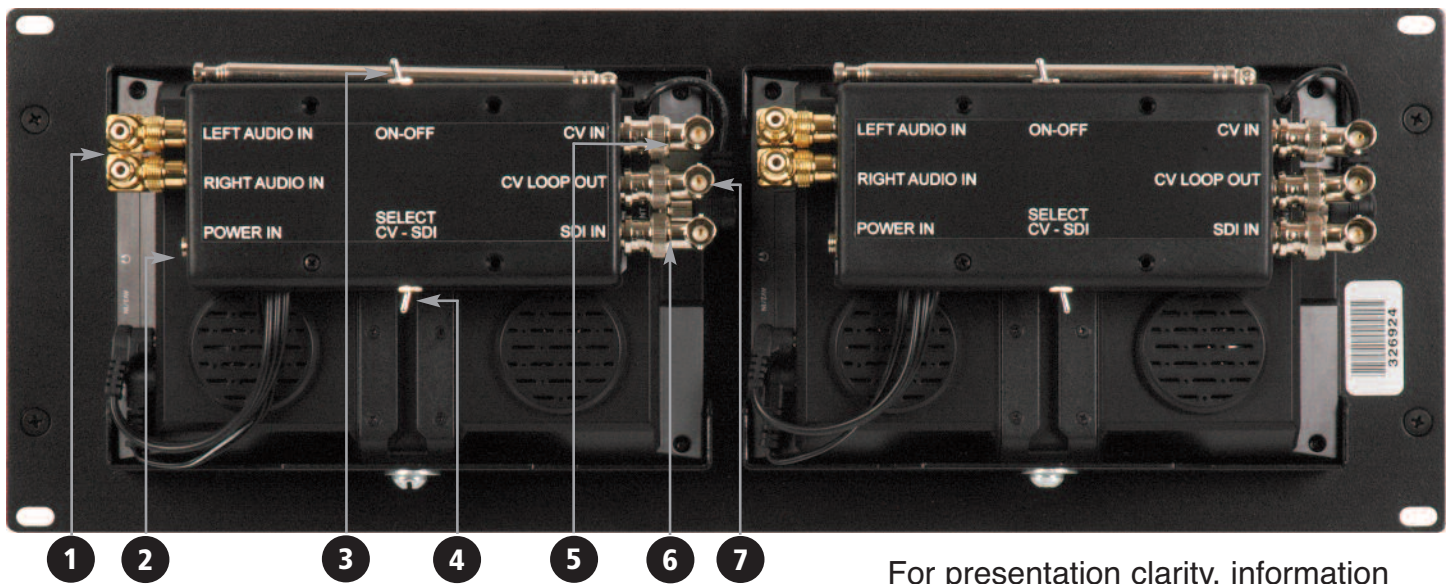
7 Speaker - Right

8 External RF Input Jack



VIII. Rear Panel Connections

DELV-2LCD-7XLS (SDI)



For presentation clarity, information is shown for one monitor only

- 1 Audio L-R Input
- 2 Power Input 12V DC @ 1.2A
- 3 Encoder Circuit On / Off Note: If battery powered this switch must be turned off after use.
- 4 Composite Video / SDI Video Switch
- 5 Composite Video Input - Note: CVI uses side port AV1 input
- 6 SDI Video Input (terminated)
- 7 Composite Video Loop Output



Side View - Composite Video Input



SAFETY WARNING

1. To prevent fire or shock hazard, do not expose this equipment to the environment of high humidity and dust. Do not use it in an unprotected outdoor installation or any area classified as wet.
2. The temperature for installation should be kept between $-40^{\circ}\text{C} \sim +95^{\circ}\text{C}$. Avoid direct sunlight or extreme changes of temperature.
3. For the sake of safety, do not disseminate the unit or put it on an unstable base. Do not drop it and avoid heavy impact.
4. Ventilation: Openings in the enclosure are provided for ventilation and to ensure reliable operation of the unit and to protect it from overheating. These openings must not be blocked or covered. This unit should not be placed in a built-in installation unless proper ventilation is provided.
5. Cleaning: Unplug the unit from the outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth.
6. Overload: Do not overload outlets and extension cords as this may result in a risk of fire or electric shock.
7. Object and Liquid Entry: Never push objects of any kind into this unit through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the unit.
8. **Service: Do not attempt to open or service this unit yourself as opening or removing covers may expose you to dangerous voltage of other hazards.**



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