

delvcam™

MODULAR LCD MONITOR SYSTEM



DELV-2LCD-7XLPRO
DELV-2LCD7XLS



DELV-2LCD-RM

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.



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 Receiver (Monitor A only)
Allows 180° of tilt while mounted in rack
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, 3 Year 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-RM:	Dual AC Power Adapters 12v 2A
BRIGHTNESS	300 cd/m2(NIT)		
CONTRAST	150:1	OPERATING TEMPERATURE	32-122 Degrees F (0-50°C)
VIEWING ANGLE	U :15 / D :35, R / L :50	REMOTE CONTROL	Handheld Infrared
PIXEL CONFIGURATION	Striped		
VIDEO SIGNAL	1Vpp into 75Ω Terminated	DIMENSIONS	
	Looping BNC input	DELV-2LCD-7XLPRO:	19"W x 4.5"D x 7"H (4RU)
	NTSC-M	DELV-2LCD7XLS:(SDI)	19"W x 4.5"D x 7"H (4RU)
STANDARD		DELV-2LCD-RM:	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 & DELV-2LCD7XLS



1



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- 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-RM



1



2



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- 1 Hand-Held IR Remote Control Unit (2)
- 2 Video Input Looping Cable / Terminator (2)
- 3 BNC Male to RCA Female Adapter (2)
- 4 RF Adapter (2)
- 5 A/V Input Cable (2)
- 6 110-220V 50/60Hz Power Adapter: 12VDC @ 1A (2)
- 7 12V Cigarette Adapter (2)

IV. Front Panel Product Controls

Selects between composite video and SDI (DELV-2LCD7XLS only)



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 & DELV-2LCD7XLS



- 1 Power Entry
- 2 Monitor B - Video input (looping)
- 3 Monitor B - Audio input
- 4 Monitor B - SDI input (DELV-2LCD7XLS only)
- 5 Monitor A - RF (CATV) input
- 6 Monitor A - Audio input
- 7 Monitor A - SDI input (DELV-2LCD7XLS only)
- 8 Monitor A - Video input (looping)

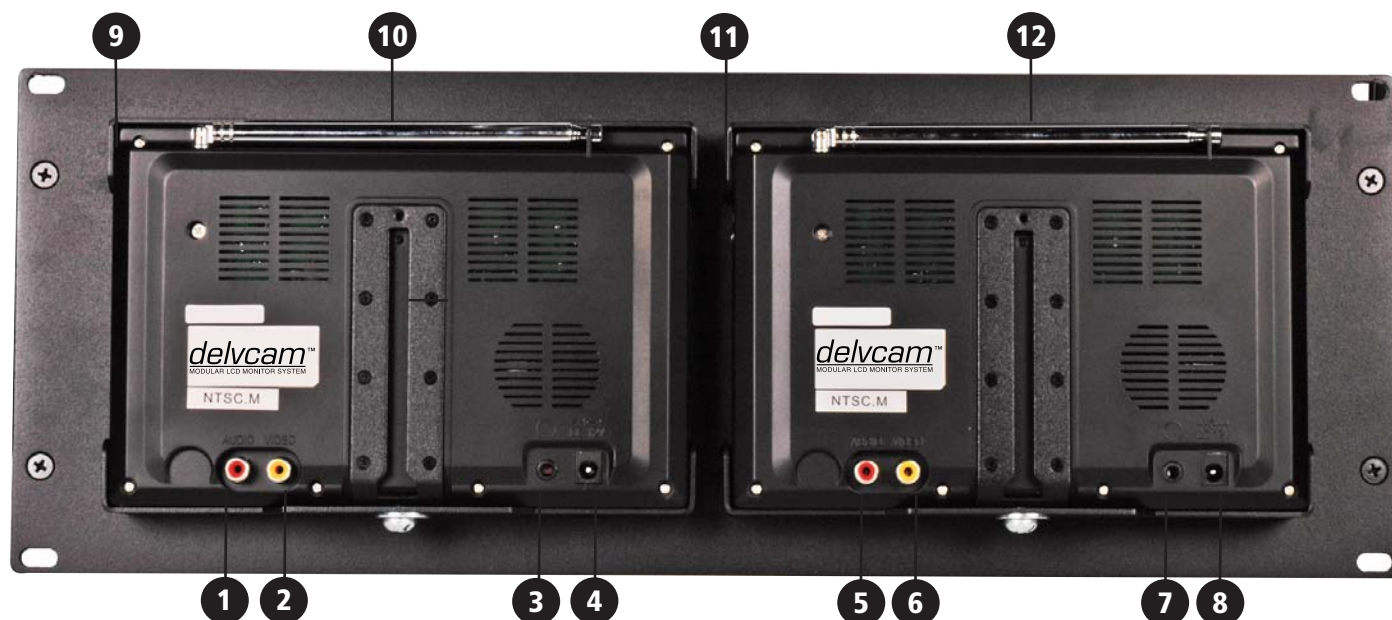
V. Monitor Tilt Operation

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



VI. Rear Panel Connections

DELV-2LCD-RM



- | | |
|---|---|
| 1 Monitor B - Audio Input | 7 Monitor A - Headphone Audio Output |
| 2 Monitor B - Video Input Looping
(Looping / Termination Cable Provided) | 8 Monitor A - Power Input |
| 3 Monitor B - Headphone Audio Output | 9 Monitor B - RF Antennna (CATV) Input |
| 4 Monitor B - Power Input | 10 Monitor B - External Antenna |
| 5 Monitor A - Audio Input | 11 Monitor A - RF Antennna (CATV) Input |
| 6 Monitor A - Video Input Looping
(Looping / Termination Cable Provided) | 12 Monitor A - External Antenna |





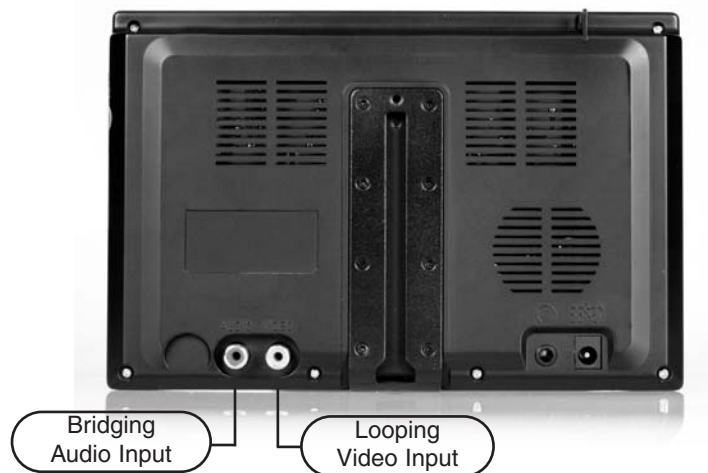
SAFETY WARNING

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.**

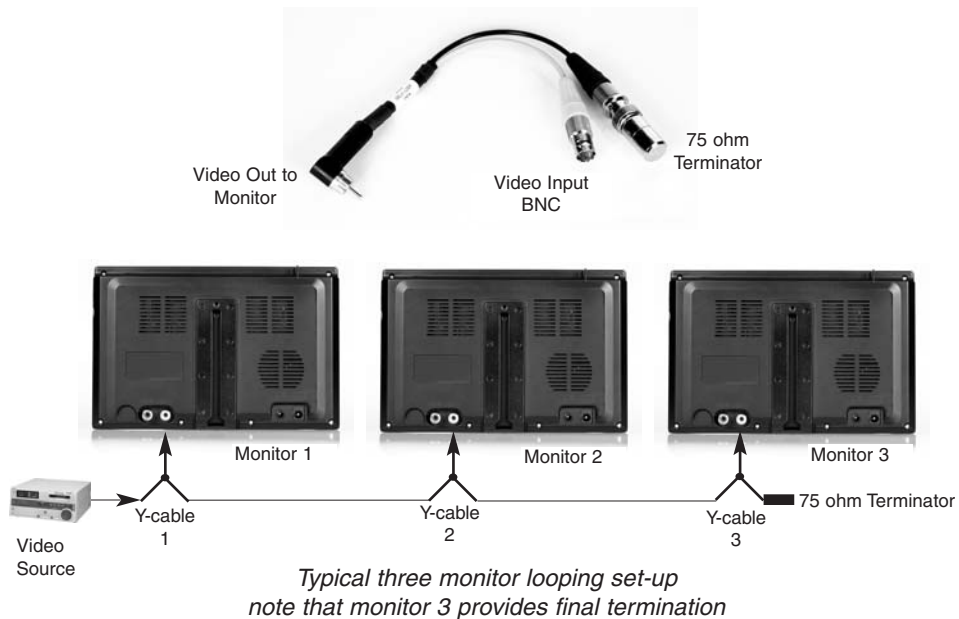
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DELV-LOOP

5 / 7XLPRO LCD Monitor Looping Accessory



This monitor has been designed and shipped with an open 75 ohm (unterminated) video input. It must not be used without proper termination provided by the looping / terminating Y-cable included with monitor. Several monitors (DELV-5XLPRO / DELV-7XLPRO) can be looped using standard looping / terminating procedures which observes 75 ohm line termination at the last monitor. See diagram below:



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