LD-1

2U Timecode/Footage LED DISPLAY

* EIGHT LARGE 1.75" RED HIGH BRIGHTNESS LED DISPLAYS................ Easy to see
* TIME CODE INPUT ....Any standard
* REMOTE/LOCAL CONTROL .... TIME / USER DATA
* REMOTE/LOCAL CONTROL ....Frames ON/OFF
* REMOTE/LOCAL CONTROL ....Brightness
* REMOTE/LOCAL CONTROL .... Display On/Off
* FOOTAGE DISPLAY.. When used with CB Film products
* EEPROM MEMORY ....saves settings on power off
* THREE 20mm Dia LED INDICATORS .... Record, Lock, & Cue Indicators

The CB 2U LED display uses 1.75" LED's to produce a large bright display. In studios and viewing rooms the unit is normally used on the lowest of its eight brightness settings. By depressing both increase and decrease simultaneously the display is turned on or off.

When used with the MC-1 Master Motion Controller, FC-1 Filmcoder or TC-1 timecode Reader/Generator switching between timecode and user bit display will switch between timecode and footage.

The unit is in a 2U (89mm/3.5") 19" (483mm) rack mounting box approximately 89mm (3.5") deep. To wall mount the unit the rack mounting angles may be reversed and the connector plate moved to the bottom of the display.

Connections

Timecode Input
3 pin XLR balanced input
Power
3 pin IEC 240v/110v 20 watts
Remote
9 pin 'D' Male on unit
1   Record Led
2   Lock Led
3   Switch 4 (momentary) Timecode/Feet
4   Switch 2 (momentary) Increase Brightness
5   External Opto-Isolator volts (To use change link CON-3 to pins 2&3)
6   Cue Led
7   0v
8   Switch 3 (momentary) Always display frames
9   Switch 1 (momentary) Decrease Brightness

The unit is supplied using its internal power supply. Where Complete isolation is required pin 5 (Opto-Isolator volts) should be connected to an external +5v Supply. and the link between pins 1 & 2 of CON-3 should be moved to pins 2 & 3 of CON3.

Connecting the LD-1 to the parallel port on a SR/MR system

Function	LD1 connection	SR/MR Connection	Cable Colour
Record Led	9 'D' pin 1	25 'D' pin 17	
Lock Led	9 'D' pin 2	25 'D' pin 5	
Ground	9 'D' pin 7	25 'D' pin 11	
Timecode +	XLR pin 2	25 'D' pin 15	
Timcode -	XLR pin 3	25 'D' pin 3	
Ground	XLR pin 1	25 'D' pin 2	

Connecting the LD-1 to a MR System

OUTPUT FUNCTION	OPTO Emitter		OPTO Collector	
Brightness Increase (Macro33)	1	LD-1 pin 7	20	LD-1 pin 4
Brightness Decrease (Macro34)	2	LD-1 pin 7	21	LD-1 pin 9
Feet (Macro 112)	3	LD-1 pin 7	22	LD-1 pin 3
Frames On/Off (Macro 09)	4	LD-1 pin 7	23	LD-1 pin 8
Record	5	LD-1 pin 7	24	LD-1 pin 1
Lock	6	LD-1 pin 7	25	LD-1 pin 2
Focus - (Macro 39)	7		26	
Focus + (Macro 40)	8		27	
	9		28	
	10		29	
	11		30	
	12		31	
	13		32	
	14		33	
	15		34	
	16		35	