CB Electronics

GD-1

Giant Led Display

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GD-1 GIANT LED DISPLAY

* GIANT 5" RED HIGH BRIGHTNESS LED DISPLAYS . . . . . Easy to see
* TIME CODE INPUT . . . . . Any standard
* REMOTE CONTROL . . . . . TIME / USER DATA
* REMOTE CONTROL . . . . . Frames ON/OFF
* REMOTE CONTROL . . . . . Brightness
* REMOTE CONTROL . . . . . Display On/Off
* FOOTAGE DISPLAY . . . . . When used with CB Film products

The CB Giant LED display used special 5" LED's to produce a large bright display visible for up to 50 meters. In theatre applications 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 the user bit display can be set to show both footage and timecode.

The unit is approximately 852 x 181 x 76 (34.3" x 7.4" x 3"), the box has a sturdy aluminium angle frame clad with 3mm aluminium plates, the unit is painted black. The LED displays are individually removable from the front for ease of service

A separate mains power supply is supplied with the unit.

Connections

Timecode Input

3 pin XLR balanced input

Power

4 pin XLR 24v 3A DC (1&2 = 0v, 3&4 = 24v)

Remote

9 pin 'D' Male on unit

1. Record Led (Later Displays Only)
2. Lock Led (Later Displays only)
3. Switch 4 (On/Off) Timecode/Feet
4. Switch 2 (Push On) Increase Brightness
5. External Opto-Isolator volts (To use change link CON-3 to pins 2&3)
6. Cue Led (Later Displays only)
7. 0v
8. Switch 3 (On/Off) Always display frames
9. Switch 1 (Push On) 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 GD-1 to a MRP-16 in a MR system

13.09 Giant Display Port Output Connections				
OUTPUT FUNCTION	OPTO Emitter		OPTO Collector	
Brightness Increase (Macro 33)	1	GD-1 pin 7	20	GD-1 pin 4
Brightness Decrease (Macro 34)	2	GD-1 pin 7	21	GD-1 pin 9
Feet (Macro 112)	3	GD-1 pin 7	22	GD-1 pin 3
Frames On/Off (Macro 09)	4	GD-1 pin 7	23	GD-1 pin 8
Record	5	GD-1 pin 7	24	GD-1 pin 1
Lock	6	GD-1 pin 7	25	GD-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	

13.06a PARALLEL PORT 37 Way 'D' POWER CONNECTIONS			
Pin	Function	Pin	Function
17	+5v regulated (Link on PCB)	36	+9v - +12v Power In/Out
18	0v	37	+9v - +12v Power In/Out
19	0v		