GD-1

GIANT Timecode/Footage LED DISPLAY

* EIGHT 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
* THREE 20mm Dia LED INDICATORS .... Record, Lock, & Cue Indicators

The CB Giant LED display uses 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

Earlier units use a separate 24V mains supplied power unit, whilst later versions are are fed directly from the A.C. supply.

Connections

Timecode Input
3 pin XLR balanced input

Power
4 pin XLR 24v 3A DC (1&2 = 0v, 3&4 = 24v) or 240V 50HZ IEC connector.

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 the parallel port on a SR/MR system

Function	GD1 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 GD-1 to a MRP-16 in a MR system

Connecting the GD-1 to a MRP-16 on a MR system

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	