



SIGNAL CONNECTORS

In LEFT, RIGHT Input audio signal. Input impedance 51 KΩ

GROUND Audio and Power ground

POWER +5V Power supply 4.5 - 12.5 V 70 mA.

Note: Overvoltage or reversed polarity will cause permanent damage.

GAIN SELECTION

A <input type="checkbox"/>	B <input type="checkbox"/>	-10 dBv	-7.78 dBu	0.32 Vrms
A <input checked="" type="checkbox"/>	B <input type="checkbox"/>	-2.2 dBv	0 dBu	0.77 Vrms
A <input type="checkbox"/>	B <input checked="" type="checkbox"/>	0 dBv	2.2 dBu	1 Vrms
A <input checked="" type="checkbox"/>	B <input checked="" type="checkbox"/>	1.78 dBv	4 dBu	1.23 Vrms

CUSTOM GAIN

1. Remove gain jumpers
2. Desolder custom gain bridges
3. Calculate resistor value $R[K\Omega] = 30/V_{ref} - 39$
4. Connect resistor to A pins

MODE SELECTION

Jumper removed Jumper installed

For all sub-modes		For all sub-modes	
M1 <input type="checkbox"/> Normal 	M1 <input checked="" type="checkbox"/> Low brightness 	M2 <input type="checkbox"/> Horizontal 	M2 <input checked="" type="checkbox"/> Vertical
M5 <input type="checkbox"/> M6 <input type="checkbox"/> VU Meter		M5 <input type="checkbox"/> M6 <input checked="" type="checkbox"/> Oscilloscope	
M3 <input type="checkbox"/> Peaks 	M3 <input checked="" type="checkbox"/> No peaks 	M3 <input type="checkbox"/> Fill 	M3 <input checked="" type="checkbox"/> Line
M4 <input type="checkbox"/> Traditional 	M4 <input checked="" type="checkbox"/> Linear 	M4 <input type="checkbox"/> Scale 1x 	M4 <input checked="" type="checkbox"/> Scale 2x
M5 <input checked="" type="checkbox"/> M6 <input type="checkbox"/> Envelope		M5 <input checked="" type="checkbox"/> M6 <input checked="" type="checkbox"/> 10 band real time analyzer	
M3 <input type="checkbox"/> Linear scale 	M3 <input checked="" type="checkbox"/> Log scale 	M3 <input type="checkbox"/> Peaks 	M3 <input checked="" type="checkbox"/> No Peaks
M4 <input type="checkbox"/> Scale 1x 	M4 <input checked="" type="checkbox"/> Scale 2x 	M4 <input type="checkbox"/> Solid 	M4 <input checked="" type="checkbox"/> Separated
M5 <input checked="" type="checkbox"/> M6 <input type="checkbox"/> X-Y Plot			
M3 <input type="checkbox"/> 256 samples 	M3 <input checked="" type="checkbox"/> 128 samples 	M4 <input type="checkbox"/> fast refresh 	M4 <input checked="" type="checkbox"/> slow refresh