

# RED White & BLUE LLC

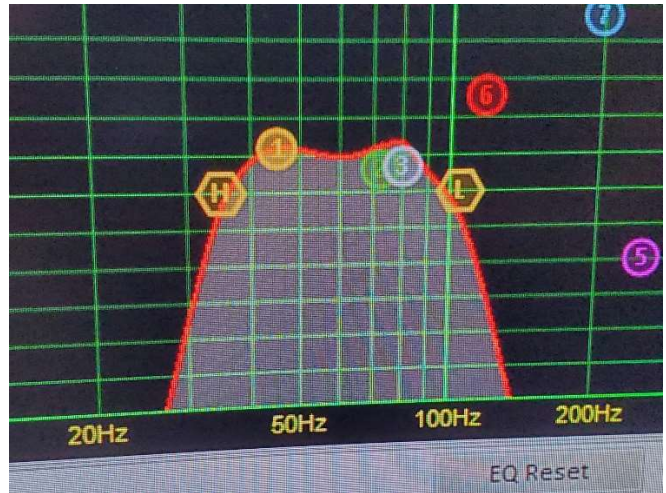
A DIVISION OF

## Leroy Ellington Productions

### FCS21H 21 Active Sub (2 pages)



FCS21H Frequency Response



<b>4 ohms (RMS)</b>	2500W
<b>Output Circuitry</b>	Class D
<b>Frequency Response (DSP adjustable)</b>	20Hz-20KHz(±1dB)
<b>Total Harmonic Distortion</b>	≤0.05%
<b>Slew Rate</b>	≥40V/μs
<b>Damping Factor</b>	≥400
<b>Input Impedance</b>	10K/20K Ohms, unbalanced or balanced
<b>S/N Ratio</b>	≥95dB
<b>Power Supply (PFC)</b>	AC 90 - 260V ~50/60Hz
<b>Input Sensitivity (DSP adjustable)</b>	1.7V
<b>A-Guard Protection System</b>	DC protection, Undervoltage protection, Smart overheat management, Soft startup protection, Output overload protection, Input/Output Limiter(DSP adjustable)
<b>Cooling System</b>	Smart Fan cooling system control, Variable speed fans, Back to front venting, mandatory cooling
<b>Input/Output Connector</b>	XLR



Specification		Design		Parameters	
Nominal Diameter	21 inch	Surround Shape	Triple Roll	Xvar	+/-14 mm
Nominal Impedance	4 ohm	Cone Shape	Radial	Mms	337 g
Minimum Impedance	6.2 ohm	Magnet Type	Neodymium Inside	B1	24.5 TxM
Continuous Power Handling	3600 W	Spider	Double Silicone	Le	2.6 Mh
Nominal Power Handling(A.E.S.)	1800 W	Pole Design	T-pole	EBP	73 Hz
Sensitivity(1W/1m)	96 dB	Recommended Enclosure Vol.	dm3( ft3)		
Frequency Range	32Hz - 1000Hz	Recommended Tuning Frq.	36 Hz	Mounting &Shipping	
Voice Coil Diameter	127.1mm (5 in)			Overall Diameter	545mm (21.46 in)
Winding Material	Copper	Parameters		Bolt Circle Diameter	525mm (20.46 in)
Former Material	Glass Fibre	Fs	35 Hz	Baffle Cutout Diameter	499mm (19.6 in)
Magnet Material	Neodymium Inside	Re	3.6 ohm	Depth	269mm (10.6 in)
Winding Depth	30.5 mm (1.2 in)	Qes	0.48	Flange Gasket Thickness	19.5mm (0.77 in)
Magnetic Gap Depth	13 mm (0.51 in)	Qms	4.6	Air volume Occupied by driver	16.5 dm3( ft3)
Flux Density	1.2 Tesla	Qts	0.44	Net Weight	13.3 kg( 29.3 lb)
		Vas	213.5 dm3( ft3)	Shipping Weight	14.1 kg( 31 lb)
		Sd	1720cm2 ( in2)	Shipping Box	560*560*290 mm (22.0x22.0x11.5in)
		EtaZero	2.40%		
		Xmax	+/-12.85 mm		

**We Carry 4 FCS21H 21 Active Subs in our Inventory.**

**More Coming Soon.**