



### Multi-Channel Power Amps

	GFA-7605	GFA-7607	GFA-7705	GFA-7707	GFA-7805	GFA-7807
Number of channels	5	7	5	7	5	7
Watts per channel into 8 ohms	125	125	200	200	300	300
Watts per channel into 4 ohms	175	175	300	300	450	450
Bridged power @ 8 ohms	n/a	n/a	n/a	n/a	n/a	n/a
Rated THD	n/a	n/a	n/a	n/a	n/a	n/a
THD + noise at full power into 8ohms/4ohms typical						
20Hz	0.012 % / 0.030%	0.012 % / 0.030%	0.0086% / 0.0186%	0.0086% / 0.0186%	0.012% / 0.3%	0.012% / 0.3%
1kHz	0.012% / 0.026%	0.012% / 0.026%	0.0096% / 0.0214%	0.0096% / 0.0214%	0.135% / 0.3%	0.135% / 0.3%
20kHz	0.020% / 0.060%	0.020% / 0.060%	0.0211% / 0.0311%	0.0211% / 0.0311%	0.12% / 0.1%	0.12% / 0.1%
Input required for 1 watt output	0.1 volt	0.1 volt	0.1 volt	0.1 volt	0.1 volt	0.1 volt
Input required for rated output	1.1 volts	1.1 volts	1.4 volts	1.4 volts	1.61 volts	1.61 volts
Dynamic headroom into 4 ohms	2.0dB	2.0dB	1.9dB	1.9dB	0.96dB	0.96dB
IM distortion CCIF full power any combination 4kHz to 20kHz	≤0.025%	≤0.025%	≤0.025%	≤0.025%	≤0.025%	≤0.025%
<b>Frequency Response</b>						
20Hz to 20kHz	+0, -0.25dB	+0, -0.25dB	+0, -0.22dB	+0, -0.22dB	+0, -0.25dB	+0, -0.25dB
Power bandwidth (-3dB)	1.5Hz to 165kHz	1.5Hz to 165kHz	3Hz to 130kHz	3Hz to 130kHz	3Hz to 130kHz	3Hz to 130kHz
Gain	29dB	29dB	29dB	29dB	29.67dB	29.67dB
Input impedance: Unbalanced	48k ohms	48k ohms	50k ohms	50k ohms	500k ohms	500k ohms
Input impedance: Balanced	n/a	n/a	n/a	n/a	10k ohms	10k ohms
Signal to noise ratio "A" weighted at rated power into 8 ohms	≥117dB	≥118dB	≥125dB	≥125dB	≥112dB	≥112dB
<b>Power consumption (all channels driven)</b>						
Quiescent	116VA	132VA	120VA	170VA		
Maximum	1500VA	1934VA	2200VA	2700VA		
<b>Dimensions (inches) HxWxD</b>						
Chassis	5 x 17 x 14	5 x 17 x 14	8.5 x 17 x 17.5	8.5 x 17 x 17.5	8.75 x 17 x 19.75	8.75 x 17 x 19.75
Maximum	5.75 x 17 x 15	5.75 x 17 x 15	9 3/8 x 17 x 18.5	9 3/8 x 17 x 18.5	20.75 x 17 x 9.5	20.75 x 17 x 9.5
<b>Weight (lbs)</b>						
Net	42.0	48.0	69.5	78.2	88.0	118.8
Packed	48.0	56.0	81.5	90.4	138.6	169.4