

FP+ Series amplifiers include the user-definable Voltage Peak Limiter (VPL) function. Rear-panel DIP-switch settings allow the output voltage to be adjusted and consequently the output power available. The following tables provide information, for the four FP+ Series models, about resultant output power at typical loads (single channel and bridged operation) with the available VPL settings.

FP 13000							
Voltage Peak Limiter			Output power per channel (W)				
			Load				
VPL Setting	V peak	Vrms	16 Ω	8 Ω	4 Ω	2 Ω	
195 V	195	138	1200	2400	4800	6500	
170 V	170	120	860	1720	3445	6500	
140 V	140	99	620	1245	2485	4970	
116 V	116	82	445	885	1770	3540	
100 V	100	70	320	640	1275	2550	
80 V	80	57	230	460	925	1850	
66 V	66	47	170	340	665	1330	
54 V	54	38	120	240	480	960	
Voltage Peak Limiter			Output power bridged per two channels				
			Load				
VPL Setting	V peak	Vrms	16 Ω	8 Ω	4 Ω	2 Ω	
195 V	390	276	4800	9600	13000	n.r.	
170 V	340	240	3445	6890	13000	n.r.	
140 V	280	198	2485	4970	9940	n.r.	
116 V	232	164	1770	3540	7080	n.r.	
100 V	200	142	1275	2550	5100	n.r.	
80 V	160	114	925	1850	3700	n.r.	
66 V	132	94	665	1330	2665	n.r.	
54 V	108	76	480	960	1920	n.r.	

FP 7000							
Voltage Peak Limiter			Output power per channel (W)				
			Load				
VPL Setting	V peak	Vrms	16 Ω	8 Ω	4 Ω	2 Ω	
155 V	155	110	750	1500	3000	3500	
121 V	121	86	460	915	1830	3500	
101 V	101	70	320	640	1275	2550	
83 V	83	59	215	430	860	1720	
70 V	70	49	155	305	615	1225	
56 V	56	40	100	195	390	785	
47 V	47	33	70	140	275	550	
38 V	38	27	45	90	180	360	
Voltage Peak Limiter			Output power bridged per two channels				
			Load				
VPL Setting	V peak	Vrms	16 Ω	8 Ω	4 Ω	2 Ω	
155 V	310	220	3000	6000	7000	n.r.	
121 V	242	172	1830	3660	7000	n.r.	
101 V	202	140	1275	2550	5100	n.r.	
83 V	166	118	860	1720	3445	n.r.	
70 V	140	98	615	1225	2450	n.r.	
56 V	112	80	390	785	1570	n.r.	
47 V	94	66	275	550	1105	n.r.	
38 V	76	54	180	360	720	n.r.	

FP 10000Q							
Voltage Peak Limiter			Output power per channel (W)				
			Load				
VPL Setting	V peak	Vrms	16 Ω	8 Ω	4 Ω	2 Ω	
150 V	150	106	620	1240	2485	2500	
121 V	121	86	435	870	1740	2500	
101 V	101	70	315	625	1250	2500	
83 V	83	59	225	450	900	1805	
70 V	70	49	160	315	630	1260	
56 V	56	40	110	220	435	870	
47 V	47	33	80	155	315	625	
38 V	38	27	55	110	220	440	

Voltage Peak Limiter			Output power bridged per two channels				
			Load				
VPL Setting	V peak	Vrms	16 Ω	8 Ω	4 Ω	2 Ω	
150 V	300	212	2485	4970	5000	n.r.	
121 V	242	172	1740	3480	5000	n.r.	
101 V	202	140	1250	2500	5000	n.r.	
83 V	166	118	905	1810	3615	n.r.	
70 V	140	98	630	1260	2520	n.r.	
56 V	112	80	435	870	1740	n.r.	
47 V	94	66	315	625	1250	n.r.	
38 V	76	54	220	440	880	n.r.	

FP 6000Q							
Voltage Peak Limiter			Output power per channel (W)				
			Load				
VPL Setting	V peak	Vrms	16 Ω	8 Ω	4 Ω	2 Ω	
101 V	101	70	320	640	1275	1500	
83 V	83	59	215	430	860	1500	
70 V	70	49	155	305	615	1225	
56 V	56	40	100	195	390	785	
47 V	47	33	70	140	275	550	
38 V	38	27	45	90	180	360	

Voltage Peak Limiter			Output power bridged per two channels				
			Load				
VPL Setting	V peak	Vrms	16 Ω	8 Ω	4 Ω	2 Ω	
101 V	202	140	1275	2550	3000	n.r.	
83 V	166	118	860	1720	3000	n.r.	
70 V	140	98	615	1225	2450	n.r.	
56 V	112	80	390	785	1570	n.r.	
47 V	94	66	275	550	1105	n.r.	
38 V	76	54	180	360	720	n.r.	



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Item no. VPL-FP+