

# Voltage Peak Limiter Load vs Power Tables

## C Series C 20:8X, C 10:8X, C 10:4X, C 5:4X: Dedicated Installation Amplifiers

C 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 listed C Series models, about resultant output power at typical loads (single-channel and bridged operation) with the available VPL settings.

<b>C 20:8X / C 10:4X</b>								
Voltage Peak Limiter			Output power per channel (W)					
			Load					
VPL Setting	V peak	Vrms	16 Ω	8 Ω	4 Ω	2 Ω	Hi Z	
100 V	100	71	*250	*250	**250	n.r.	250	
63 V	63	45	125	250	**250	n.r.	n.a.	
45 V	45	32	60	125	250	**125	n.a.	
32 V	32	23	30	60	125	**125	n.a.	
* = PAL limited to this power when all channels driven								
** = Current limited to this power								
n.r. = Not recommended								
n.a. = Not applicable								
Voltage Peak Limiter			Output power bridged per two channels (W)					
			Load					
VPL Setting	V peak	Vrms	16 Ω	8 Ω	4 Ω	2 Ω	Hi Z	
100 V	200	141	*500	**500	n.r.	n.r.	500	
63 V	126	90	500	**500	n.r.	n.r.	500	
45 V	90	64	250	500	**250	n.r.	n.a.	
32 V	64	45	125	250	**250	n.r.	n.a.	
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<b>C 10:8X / C 5:4X</b>								
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			Load					
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63 V	63	45	125	*125	**125	n.r.	n.a.	
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