

EL线性系统功放配置建议表

Suggested Amplifier Arrangement for Elevation Line Array

Cabinets	Configuration	功率 Power Handling	阻抗 Impedance					
EL210 HF	2 x 1-inch Paraline Lens	160	8 Ohms					
EL210 MF	2 x 10-inch Woofers	1200	8 Ohms					
EL212 Sub	2 x 12-inch Tapped Horn	1600	4 Ohms					
系统一的功放配置				功放数量	阻抗	需要功率	发出功率	
System 1 - 4 x EL210 / 2 x ELS212		AmplifierType	Amplifiers	音箱数量 Cabinets	Impedance	Req'd Power	Delivered Power	
EL210 (4)	EL210 - HF	V22 (4ohm Mode) 4欧接法	1	2 per side 每边	4	640	900	
	EL210 - MF	V42 (bridged) 桥接	2	2 per amp 每边	4	4800	4800	
EL212 (2)	ELS212 - Subwoofer	V64	1	1 per side 每边	4	3200	4000	
						Total	9700	
系统二的功放配置				功放数量	阻抗	需要功率	发出功率	
System 2 - 8 x EL210 / 4 x ELS212		AmplifierType	Amplifiers	音箱数量 Cabinets	Impedance	Req'd Power	Delivered Power	
EL210 (8)	EL210 - HF	V22 (4ohm Mode) 4欧接法	2	2 per side 每边	4	1280	1800	
	EL210 - MF	V42 (bridged) 桥接	4	2 per amp 每边	4	9600	9600	
EL212 (4)	ELS212 - Subwoofer	V64	2	1 per side 每边	4	6400	8000	
						Total	19400	
系统三的功放配置				功放数量	阻抗	需要功率	发出功率	
System 3 - 12 x EL210 / 6 x ELS212		AmplifierType	Amplifiers	音箱数量 Cabinets	Impedance	Req'd Power	Delivered Power	
EL210 (12)	EL210 - HF	V22 (4ohm Mode) 4欧接法	3	2 per side 每边	4	1920	2400	
	EL210 - MF	V42 (bridged) 桥接	6	2 per amp 每边	4	14400	14400	
EL212 (6)	ELS212 - Subwoofer	V64	3	1 per side 每边	4	9600	12000	
						Total	28800	
系统四的功放配置				功放数量	阻抗	需要功率	发出功率	
System 4 - 16 x EL210 / 8 x ELS212		AmplifierType	Amplifiers	音箱数量 Cabinets	Impedance	Req'd Power	Delivered Power	
EL210 (16)	EL210 - HF	V22 (4ohm Mode) 4欧接法	4	2 per side 每边	4	2560	3600	
	EL210 - MF	V42 (bridged) 桥接	8	2 per amp 每边	4	19200	19200	
EL212 (8)	ELS212 - Subwoofer	V64	4	1 per side 每边	4	12800	16000	
						Total	38800	

The Scenario is the preferred system set-up, and the configuration the processor presets will be set for out of the box.

We will provide a referenced amplifier gain table in the processor manual and on the VTC website so customers will have a baseline for calibrating other amplifier set-ups, or calibrating the processor settings to other manufacturer's amplifiers.