

EX Specifications / Loudspeakers

Product	EX 6	EX 10
System Acoustic Performance		
-3dB Response	68Hz – 20kHz	65Hz – 20kHz
-10dB Response	62Hz – 28kHz	55Hz – 28kHz
Max SPL Long-term	117dB	126dB
Max SPL Peak	120dB	129dB
Crossover Point	2.0kHz	1.6kHz
High Frequency Section		
Throat Exit Diameter / Diaphragm Size	1" / 1.75"	1" / 1.75"
Diaphragm Material	Nitride Titanium	Nitride Titanium
Magnet Type	Neodymium	Neodymium
Horn with Constant Directivity Coverage Horizontal / Vertical		
	100° x 100°	100° x 80° Rotatable
High Frequency Amplifier Specification		
Type	Class AB Push-Pull	Class AB Push-Pull
Rated Continuous Power	20W	50W
Distortion	<0.05%	<0.05%
Operating Bandwidth	2.0kHz – 28kHz	1.6kHz – 28kHz
Low Frequency Section		
Acoustic Design		
Woofer Size / Voice Coil Diameter / Design	Front Loaded, Bass Reflex 6" / 1.75" / Trans Coil	Front Loaded, Bass Reflex 10" / 2.5" / Trans Coil
Diaphragm Material	Epoxy Reinforced Cellulose	Epoxy Reinforced Cellulose
Magnet Type	Neodymium	Neodymium
Bass Amplifier Specification		
Type	High Efficiency Switching	High Efficiency Switching
Rated Continuous Power	180W	450W
Distortion	<0.05%	<0.05%
Operating Bandwidth	62Hz – 2.0kHz	55Hz – 1.6kHz
Signal Input		
Input Impedance	20 kΩ	20 kΩ
Input Sensitivity	1.0V rms	1.0V rms
Slave speaker output		
	N/A	N/A
Physical Dimensions		
Height	390mm (15.35")	514mm (20.23")
Width	220mm (8.66")	310mm (12.20")
Depth	270mm (10.63")	325mm (12.79")
Weight	12kg (26.4lbs)	22kg (48.4lbs)
Power Connector		
	Neutrik PowerCon®	Neutrik PowerCon®
Operating Voltage		
	100-120V @ 60Hz 230-250V @ 50Hz	100-120V @ 60Hz 230-250V @ 50Hz
Recommended Amperage		
	2.5A 115V 1.25A 230V	6A 115V 3A 230V

EX 12	EX 2.2	EX 2.5
55Hz – 22kHz 45Hz – 30kHz 127dB 130dB 1.1kHz	45Hz – 125Hz 40Hz – 125Hz 130dB 133dB 125Hz	38Hz – 125Hz 34Hz – 125Hz 134dB 137dB 125Hz
1.4" / 3" Nitride Titanium Neodymium	N/A	N/A
80° x 40°	N/A	N/A
Class AB Push-Pull 50W <0.05% 1.1kHz – 30kHz	N/A	N/A
Front Loaded, Bass Reflex 12" / 2.5" / Trans Coil Epoxy Reinforced Cellulose Neodymium	Twin Asymmetrical loading 12" / 3" / Inside outside Epoxy Reinforced Cellulose Neodymium	Twin Asymmetrical loading 15" / 4" / Inside outside Epoxy Reinforced Cellulose Neodymium
High Efficiency Switching 450W <0.05% 45Hz – 1.1kHz	High Efficiency Switching 1000W <0.05% 40Hz – 125Hz	High Efficiency Switching 1600W <0.05% 34Hz – 125Hz
20kΩ 1.0V rms	20kΩ 1.0V rms	20kΩ 1.0V rms
N/A	N/A	EP4 output for ES 2.6 only
471mm (18.54") 594mm (23.38") 615mm (24.21") 29kg (63.8lbs)	596mm (23.46") 368mm (14.48") 368mm (14.48") 49kg (107.8lbs)	600mm (23.62") 700mm (27.55") 750mm (29.52") 90kg (198.0lbs)
Neutrik PowerCon®	Neutrik PowerCon®	Neutrik PowerCon®
100-120V @ 60Hz 230-250V @ 50Hz	100-120V @ 60Hz 230-250V @ 50Hz	100-120V @ 60Hz 230-250V @ 50Hz
6A 115V 3A 230V	10A 115V 5A 230V	16A 115V 8A 230V