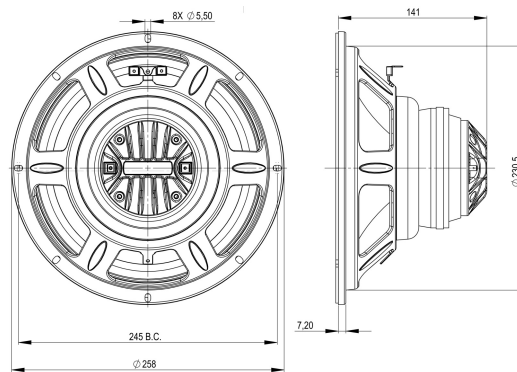


# 10CLX64

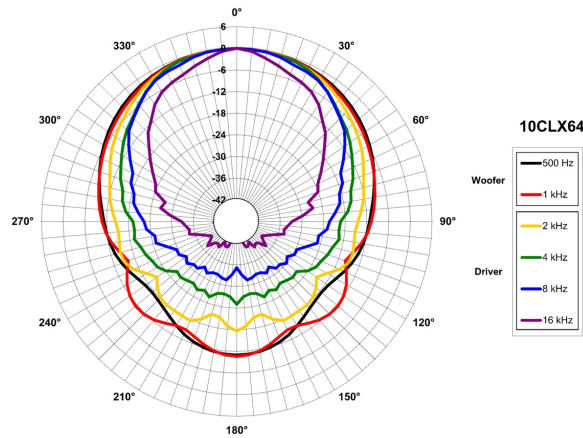
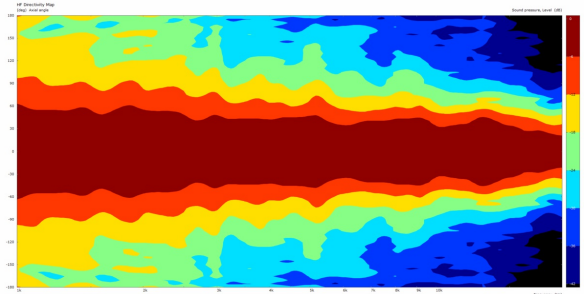
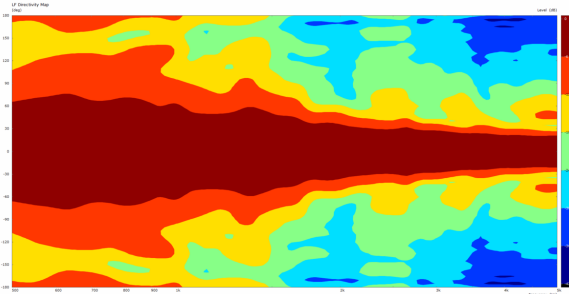
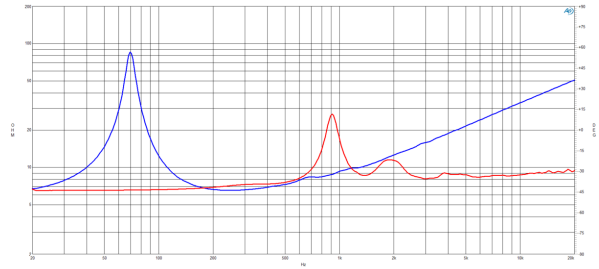
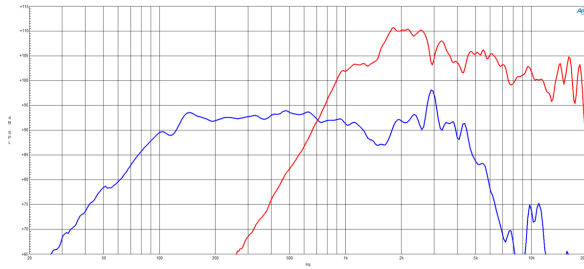
**8Ω****Coaxials** - 10.0 Inches

- 500 W continuous program power capacity
- 70° nominal coverage
- 70 - 18000 Hz response
- 94 dB sensitivity
- Single Neodymium magnet assembly
- Aluminum demodulating ring for very low distortion



# 10CLX64

Coaxials- 10.0 Inches



## SPECIFICATIONS

Nominal Diameter	250 mm (10.0 in)
Nominal Impedance	8 Ω
Minimum Impedance LF	6.5 Ω
Minimum Impedance HF	8.2 Ω
Frequency Range	70 - 18000 Hz
Dispersion Angle <sup>1</sup>	70 °
Woofer Cone Treatment	WP Waterproof Front Side
Magnet Material	Neodymium Ring

## SPECIFICATIONS LF UNIT

LF Sensitivity <sup>2</sup>	94.0 dB
LF Nominal Power Handling <sup>3</sup>	250 W
LF Continuous Power Handling <sup>4</sup>	500 W
LF Voice Coil Diameter	64 mm (2.5 in)
LF Winding Material	Copper
LF Flux Density	0.9 T
Former Material	Glass Fibre
Winding Depth	14.5 mm (0.57 in)
Magnetic Gap Depth	8.0 mm (0.31 in)

## SPECIFICATIONS HF UNIT

HF Sensitivity <sup>5</sup>	105.0 dB
HF Nominal Power Handling <sup>6</sup>	70 W
HF Continuous Power Handling <sup>7</sup>	140 W
HF Voice Coil Diameter	51 mm (2.0 in)
HF Winding Material	Aluminium
HF Flux Density	1.6 T
Diaphragm Material	HT Polymer
Recommended Crossover <sup>8</sup>	1.2 kHz
Inductance	0.14 mH

PARAMETERS		MOUNTING AND SHIPPING INFO		SERVICE KIT	
Resonance Frequency	70 Hz	Overall Diameter	258 mm (10.16 in)	LF recone kit	RCK10CLX648
Re	5.6 Ω	Bolt Circle Diameter	245 mm (9.65 in)	MF replacement diaphragm	MMD5508
Qes	0.67	Baffle Cutout Diameter	231 mm (9.09 in)		
Qms	9.8	Depth	141 mm (5.55 in)		
Qts	0.63	Flange and Gasket Thickness	9 mm (0.37 in)		
Vas	21.0 dm <sup>3</sup> (0.74 ft <sup>3</sup> )	Net Weight	3.1 kg (6.83 lb)		
Sd	320.0 cm <sup>2</sup> (49.6 in <sup>2</sup> )				
η <sub>e</sub>	1.1 %				
X <sub>max</sub>	± 5.3 mm				
X <sub>var</sub>	± 5.5 mm				
M <sub>ms</sub>	36.0 g				
Bl	11.4 Txm				
Le	0.91 mH				
EBP	104 Hz				

1. Included by -6 dB down points.
2. Applied RMS Voltage is set to 2.83V.
3. 2 hours test made with continuous pink noise signal within the range Fs-10Fs. Power calculated on rated minimum impedance. Loudspeaker in free air.
4. Power on Continuous Program is defined as 3 dB greater than the Nominal rating.
5. Applied RMS Voltage is set to 2.83V.
6. 2 hour test made with continuous pink noise signal within the range from the recommended crossover frequency to 20 kHz. Power calculated on rated minimum impedance. Loudspeaker in free air.
7. Power on Continuous Program is defined as 3 dB greater than the Nominal rating.
8. 12 dB/oct. or higher slope high-pass filter.