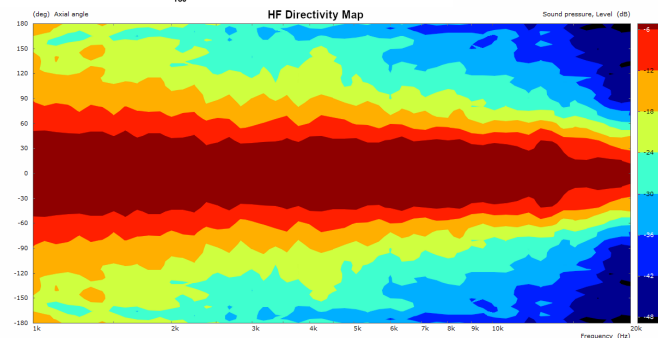
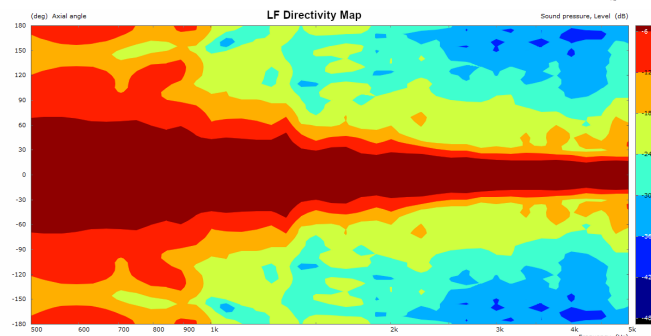
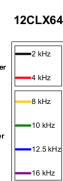
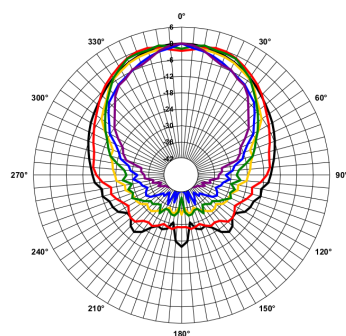
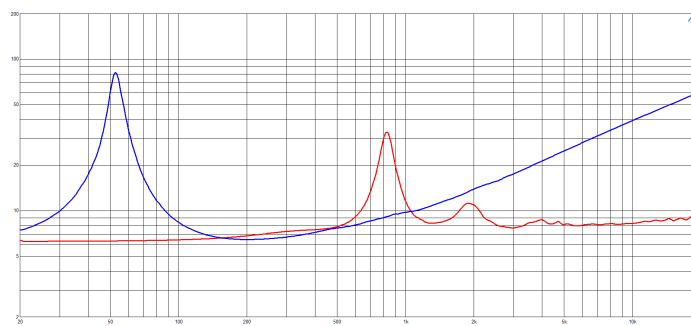
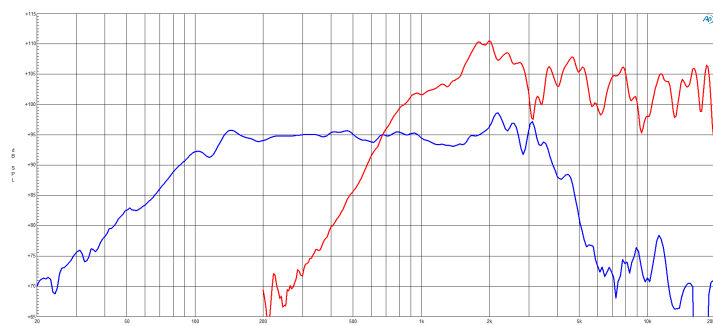


- 500 W continuous program power capacity
- 60° nominal coverage
- 54 - 18000 Hz response
- 96 dB sensitivity
- Single Neodymium magnet assembly
- Aluminum demodulating ring for very low distortion



## GENERAL

Nominal Diameter	320 mm (12 in)
Nominal Impedance	8 Ω
Frequency Range	54 Hz - 18000 Hz
Dispersion Angle	60 ° Included by -6 dB down points.

## DESIGN

Magnet Material	Neodymium Ring
Woofer Cone Treatment	WP Waterproof Front Side

## SERVICE KITS

HF replacement-diaphragm	MMD5508
LF recone-kits	RCK12CLX648

## CROSSOVER

FBCLX64	8Ω
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## SPECIFICATIONS LF UNIT

Nominal Diameter	320 mm (12 in)
Nominal Impedance	8 Ω
Minimum Impedance	6.6 Ω
Nominal Power Handling	250 W 2 hours test made with continuous pink noise signal within the range Fs-10Fs. Power calculated on rated minimum impedance. Loudspeaker in free air.

Continuous Power Handling	500 W Power on Continuous Program is defined as 3 dB greater than the Nominal rating.
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Sensitivity	96 dB Applied RMS Voltage is set to 2.83V.
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Voice Coil Diameter	64 mm (2.5 in)
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Winding Material	Copper
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Former Material	Kapton
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Winding Depth	14.5 mm (0.57 in)
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Magnetic Gap Depth	8 mm (0.31 in)
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Flux Density	0.9 T
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Woofer Cone Treatment	WP Waterproof Front Side
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## PARAMETERS

Fs	54 Hz
Re	5.6 Ω
Qes	0.61
Qms	10.1
Qts	0.57
Vas	74 dm <sup>3</sup> (2.61 ft <sup>3</sup> )
Sd	522 cm <sup>2</sup> (80.91 in <sup>2</sup> )
η0	1.82 %
Xvar	5.5 mm
Mms	45.3 g
Bl	11.86 Tm
Le	0.54 mH
EBP	89 Hz

## SPECIFICATIONS HF UNIT

Nominal Diameter	320 mm (12 in)
Nominal Impedance	8 Ω
Minimum Impedance	7.8 Ω

Nominal Power Handling	70 W 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.
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Continuous Power Handling	140 W Power on Continuous Program is defined as 3 dB greater than the Nominal rating.
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Sensitivity	106 dB Applied RMS Voltage is set to 2.83V.
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Recommended Crossover	1.2 kHz 12 dB/oct. or higher slope high-pass filter.
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Voice Coil Diameter	51 mm (2 in)
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Winding Material	Aluminum
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Inductance	0.14 mH
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Flux Density	1.6 T
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Diaphragm Material	HT Polymer
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## MOUNTING AND SHIPPING INFO

Overall Diameter	313 mm (12.32 in)
Bolt Circle Diameter	298 mm (11.73 in)
Baffle Cutout Diameter	282 mm (11.1 in)
Depth	164 mm (6.46 in)
Flange and Gasket Thickness	9 mm (0.35 in)
Net Weight	3.2 kg (7.05 lb)
Shipping Units	1 pcs
Shipping Weight	4.5 kg (9.92 lb)
Shipping Box	425x425x224 mm (16.73x16.73x8.82 in)