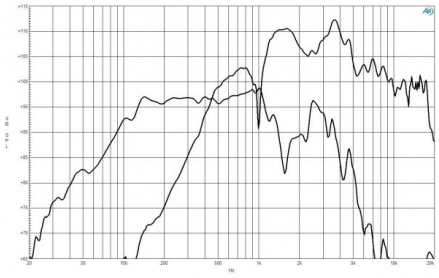
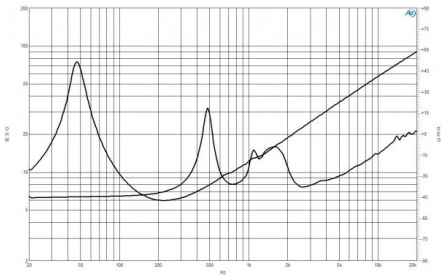




12FHX76

Coaxials FE - 12.0 Inches

700 W continuous program power capacity
60°x40° nominal coverage
45 - 18000 Hz response
98 dB sensitivity
Modified exponential horn flare for improved acoustic loading and controlled coverage

Specifications

Nominal diameter	320 mm (12.0 in)
Nominal impendance	8 Ω
Minimum impendance lf	6.0 Ω
Minimum impendance hf	7.8 Ω
Frequency range	45 - 18000 Hz
Dispersion angle	60Â°x40 °
Diaphragm material	Titanium
Recommended crossover	1.2 kHz
Magnet material	Ceramic

Specifications Lf Unit

Lf sensitivity	98.0 dB
Lf nominal power handling	350 W
Lf continuous power handling	700 W
Lf voice coil diameter	76 mm (3.0 in)
Lf winding material	Copper

Specifications Hf Unit

Hf sensitivity	106.0 dB

Specifications Hf Unit

Hf nominal power handling	80 W
Hf continuous power handling	160 W
Hf voice coil diameter	75 mm (3.0 in)
Hf winding material	Aluminium

Parameters

Fs	48 Hz
Re	5 Ω
Qes	0.36
Qms	5.4
Qts	0.33
Vas	88.0 dm^3 (3.1 ft^3)
Sd	522.0 cm^2 (80.9 in^2)
η_0	2.7 %
Xmas	6.5 mm
Xvar	4.0 mm
Mms	47 g
Bl	14.4 Txm
Le	1.6 mH

Parameters

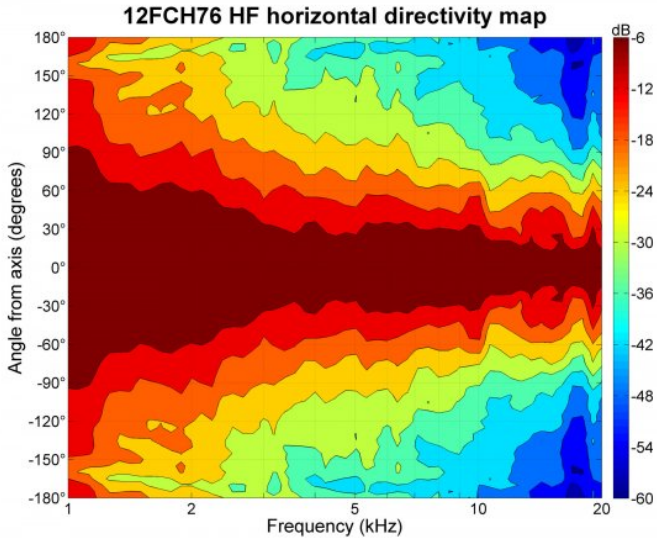
Ebp	133 Hz

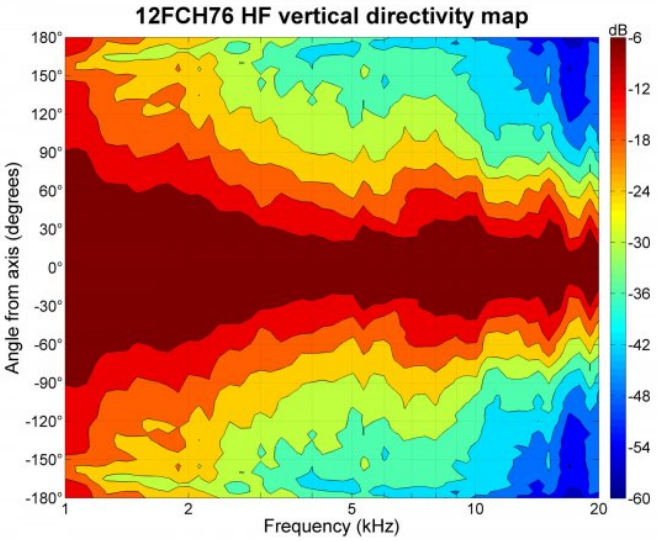
Mounting And Shipping Info

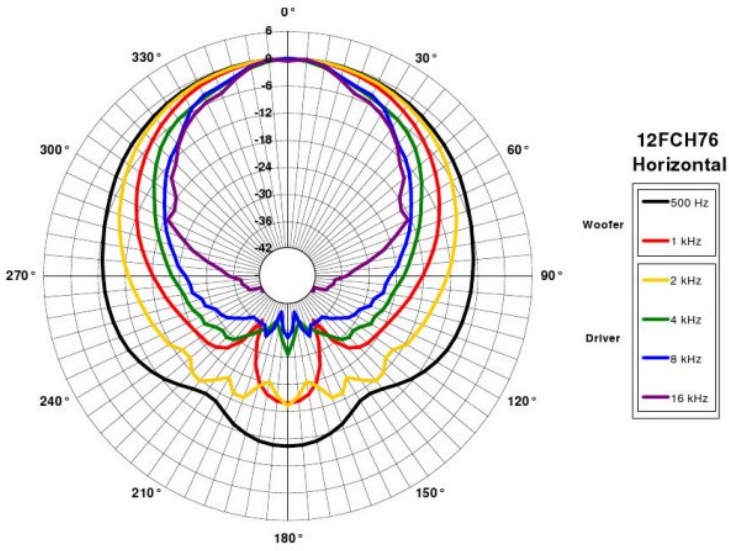
Overall diameter	315 mm (12.4 in)
Bolt circle diameter	298 mm (11.7 in)
Baffle cutout diameter	284 mm (11.14 in)
Depth	169 mm (6.65 in)
Flange and gasket thickness	13 mm (0.51 in)
Net weight	8.5 kg (18.7 lb)
Shipping units	1
Shipping weight	10.3 kg (22.7 lb)
Shipping box	380x380x240 mm (15x15x9 in)

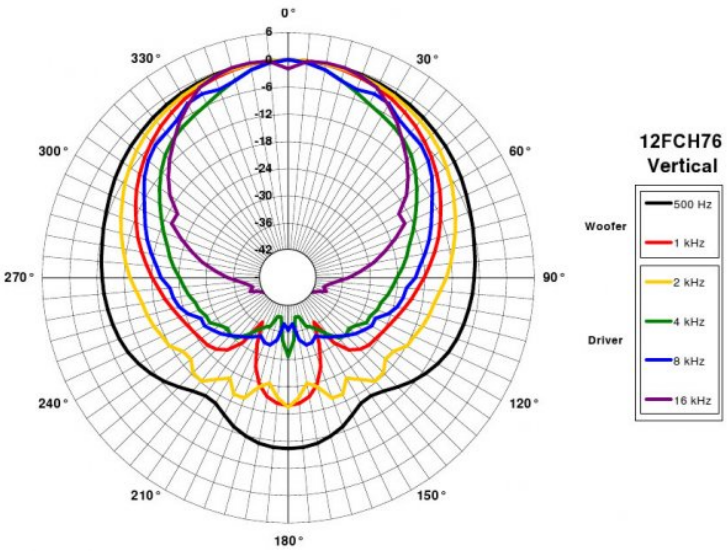
Other

Service kit lf	RCK12FHX768
Service kit hf	MMD3BTN8M


12FCH76 HF horizontal directivity map
Angle from axis (degrees)
Frequency (kHz)
dB


12FCH76 HF vertical directivity map
Angle from axis (degrees)
Frequency (kHz)
dB


12FCH76
Horizontal
Woofer
Driver
500 Hz
1 kHz
2 kHz
4 kHz
8 kHz
16 kHz


12FCH76
Vertical
Woofer
Driver
500 Hz
1 kHz
2 kHz
4 kHz
8 kHz
16 kHz