



# 18TBX100

## LF Drivers - 18 Inches

2400 W continuous program power capacity  
 100 mm (4 in) copper voice coil  
 35 - 1000 Hz response  
 97 dB sensitivity  
 Aluminium demodulating ring allows a very low distortion figure  
 Double silicone spider with optimized compliance  
 Ventilated voice coil gap for reduced power compression



### Specification

Nominal Diameter	460 mm (18 in)
Nominal Impedance	8 ohm
Minimum Impedance	6.2 ohm
Nominal Power Handling (AES)	1200 W
Continuous Power Handling	2400 W
Sensitivity (1W/1m)	97 dB
Frequency Range	35 - 1000 Hz
Voice Coil Diameter	100 mm (4 in)
Winding Material	Copper
Former Material	Glass Fibre
Magnet Material	Ceramic Ring
Winding Depth	25 mm (1 in)
Magnetic Gap Depth	12 mm (0.5 in)
Flux Density	1.1 T

### Parameters

Fs	34 Hz
Re	5.1 ohm
Qes	0.37

### Parameters

Qms	7.2
Qts	0.35
Vas	212 dm <sup>3</sup> (7.5 ft <sup>3</sup> )
Sd	1210 cm <sup>2</sup> (187.6 in <sup>2</sup> )
EtaZero	2.2 %
Xmax	+ - 9 mm
Xvar	+ - 11 mm
Mms	209 g
Bl	25.5 Txm
Le	1.6 mH

### Mounting & Shipping

Overall Diameter	460 mm (18 in)
Bolt Circle Diameter	440 mm (17.3 in)
Baffle Cutout Diameter	422 mm (16.6 in)
Depth	209 mm (8.2 in)
Flange and Gasket Thickness	16 mm (0.62 in)
Net Weight	13 kg (28.6 lb)

### Mounting & Shipping

Shipping Weight	14.4 kg (31.7 lb)
Shipping Box	500x500x250 mm (19.7x19.7x9.8 in)

### Design

Surround Shape	Triple Roll
Cone Shape	Radial
Magnet Type	Ceramic Ring
Spider	Double Silicone
Pole Design	T-Pole
Woofer Cone Treatment	TWP Waterproof – Both Sides

Service kit RCK18TBX1008