

# M15P550

## MID-BASS

### DESCRIPTION

High power 15" mid-bass.  
Very high sensitivity, excellent linearity and very low distortion. Very efficient heat dissipation is ensured by a radiator that is part of the basket design. The air is forced in the radiator thanks to a sealed spider design.



### FEATURES

- 3-inch, edgewound aluminum voice coil
- 1000W continuous program power handling
- 99.5 dB Sensitivity
- 40 Hz - 3 kHz Frequency range
- Spider dampening treatment
- M-roll surround and exponential cone geometry

## TECHNICAL SPECIFICATIONS

### General specifications

Nominal Diameter:	15 inch / 381 mm
Rated Impedance:	8 ohm
Program Power (watt):	1000 W
Power handling capacity:	500 W
Sensitivity:	99.5 dB
Frequency range:	40 - 3000 Hz
Effective piston diameter:	330 mm / 12.99 inch
Max. Excursion Before Damage:	36 mm / 1.42 inch
Minimum Impedance (ohm):	5.9 ohm
Voice Coil Diameter:	3.0 inch / 76 mm
Voice Coil Winding Material:	Aluminium
Voice Coil Length:	17 mm / 0.67 inch
Number of layers:	2
Kind of layers:	inside/outside
Top Plate Thickness:	10 mm / 0.39 inch
Cone Design:	Curved
Surround Material:	Polycotton
Surround Design:	M-roll
Magnets:	Ceramic
Spider:	Single with silicon based damping control

### Thiele - small parameters

Resonance frequency (Fs):	45 Hz
DC resistance (Re) (ohm):	5.30 ohm
Mechanical factor:	4.00 Qms
Electrical factor:	0.41 Qes
Total factor:	0.37 Qts
Bl factor (Bl) (T x m):	19.80 T x m
Effective moving mass (Mms):	89.0 g
Equivalent Cas air loaded (Vas):	140.0 liters
Effective piston area (Sd):	0.085 m <sup>2</sup>
Max. linear excursion (Xmax):	7 mm
Voice coil inductance @ 1kHz (Le1k):	0.57 mH
Half-space efficiency (Eff):	3.01%

### Mounting informations

Overall diameter:	387 mm / 15.24 inches
Bolt circle diameter:	371 mm / 14.61 inch
Bolt hole diameter:	7 mm / 0.28 inch
Front mount baffle cut-out:	352 mm / 13.86 inch
Rear mount baffle cut-out:	360 mm / 14.17 inch
Volume occupied by the driver:	3.8 liters / 0.15 ft <sup>3</sup>

### Standard compliance

CE marking:	Yes
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### Physical specifications

Color:	Black
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**Size**

Height:	165 mm / 6.5 inches
Diameter:	387 mm / 15.24 inches
Weight:	8.7 kg / 19.18 lbs

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**Shipping informations**

Package Height:	215 mm / 8.46 inches
Package Width:	430 mm / 16.93 inches
Package Depth:	435 mm / 17.13 inches
Package Weight:	10.2 kg / 22.49 lbs

**PART NUMBER**

- **11100159**  
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