RS Diamond 165/3

Features

Mid-woofer with sturdy aluminum diecast basket
Large coupling volumes for tweeter low crossover frequency
Mid-woofer cone with ultra light stiff carbon cone with low resonance
CNC milled full Aluminium Tweeter house
Lowest manufacturing tolerances and exclusive use of selected materials
Frequency crossover with ultra-high Quality components

Technical data

Power RMS / max.	90 / 180 Watts
Frequency response	39 Hz - 20,000 Hz
Impedance	4 Ω
Efficiency 1 W / 1 m	90 dB
Cone material	TW: Silk dome M:Carbon W: Carbon
Crossover	6/6/6 dB
Outer diameter	TW: 56 mm M: 90 mm W: 166 mm
Installation diameter	TW: 45 mm M: 73 mm W: 145 mm
Installation depth	TW: 19 mm M: 38 mm W: 73 mm

RS Diamond 165/2

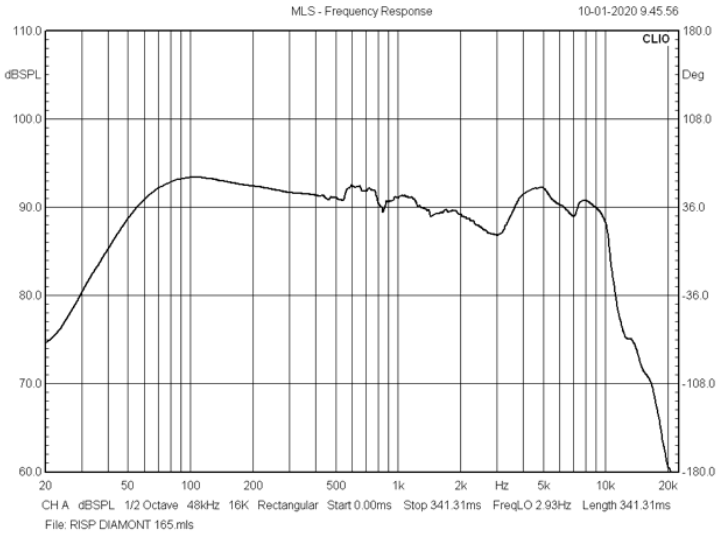
Features

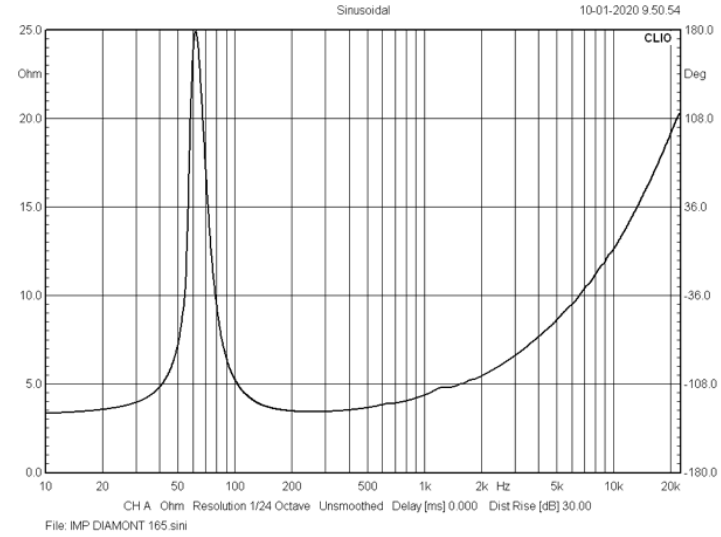
Mid-woofer with sturdy aluminum diecast basket
Large coupling volumes for tweeter low crossover frequency
Mid-woofer cone with ultra light stiff carbon cone with low resonance
CNC milled full Aluminium Tweeter house
Lowest manufacturing tolerances and exclusive use of selected materials
Frequency crossover with ultra-high Quality components

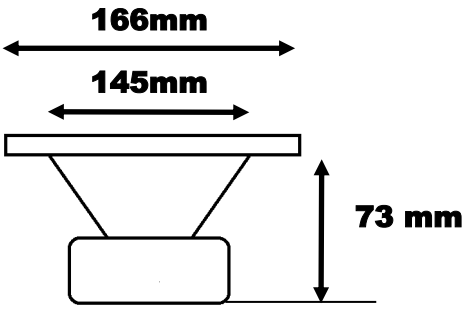
Technical data

Power RMS / max.	90 / 180 Watts
Frequency response	39 Hz - 20,000 Hz
Impedance	4 Ω
Efficiency 1 W / 1 m	90 dB
Cone material	TW: Silk dome W: Carbon
Crossover	6/6 dB
Outer diameter	TW: 56 mm W: 166 mm
Installation diameter	TW: 45 mm W: 145 mm
Installation depth	TW: 19 mm W: 73 mm

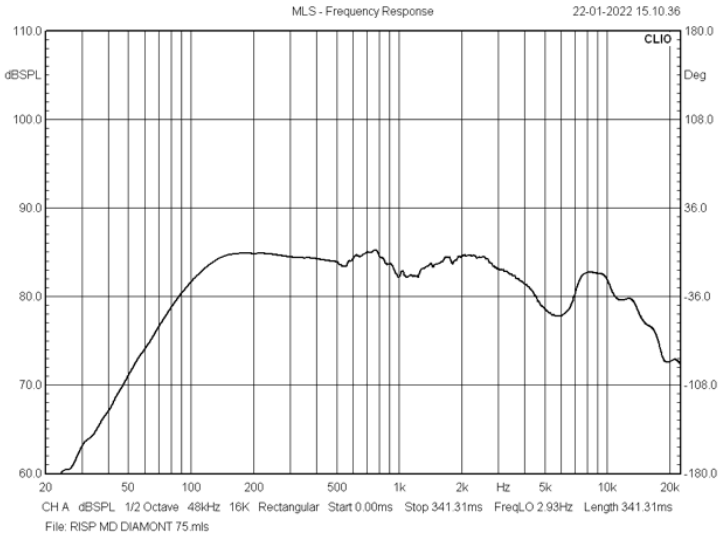
MODEL	RS DIAMOND MB165
F_S	40.0874 Hz
Diameter	130.0000 mm
Z_{Max}	24.9119 Ω
R_E	3.0000 Ω
R_{MS}	0.9534 Ω_M
Q_{MS}	5.3759
Q_{ES}	0.7360
Q_{TS}	0.6474
C_{MS}	0.4845 mm/N
M_{MS}	12.7289 g
BL	4.5707 Tm
V_{AS}	11.9194 L
dB_{SPL}	88.3195
L_{1kHz}	0.2879 mH
L_{10kHz}	0.1528 mH
C_{AS}	8.536048E-0008 m^5/N
R_{AS}	5411.7320 Ω_A
M_{AS}	72.2501 kg/m^4
R_{AT}	44938.7800 Ω_A
S_D	0.0133 Ω
L_{CES}	10.1221 mH
C_{MES}	609.2881 µF
R_{ES}	21.9119 Ω
R_{MT}	7.9173 Ω_M
Z_{MIn}	3.4195 Ω
Z_{AVG}	7.0053 Ω

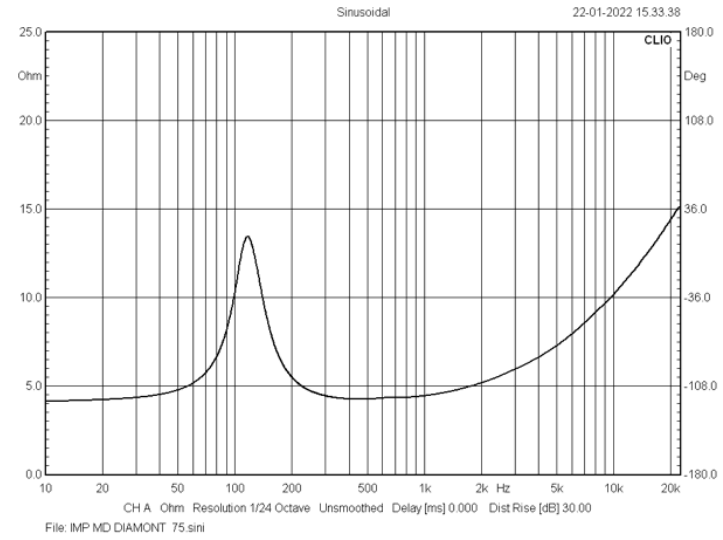


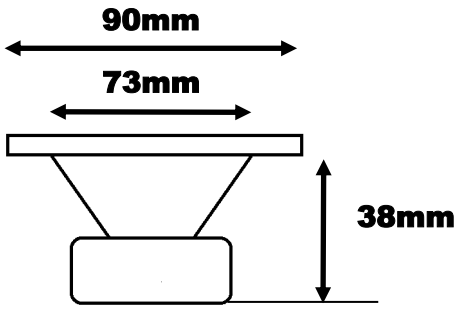




MODEL	RS DIAMOND M75
F_S	119.4630 Hz
Diameter	63.0000 mm
Z_{Max}	13.2584 Ω
R_E	3.9000 Ω
R_{MS}	1.0689 Ω_M
Q_{MS}	2.5367
Q_{ES}	1.0571
Q_{TS}	0.7462
C_{MS}	0.4913 mm/N
M_{MS}	3.6124 g
BL	3.1628 Tm
V_{AS}	0.6667 L
dB_{SPL}	82.3376
L_{1kHz}	0.1352 mH
L_{10kHz}	0.1085 mH
C_{AS}	4.774437E-0009 m^5/N
R_{AS}	110001.4000 Ω_A
M_{AS}	371.7505 kg/m^4
R_{AT}	373960.1000 Ω_A
S_D	0.0031 Ω
L_{CES}	4.9150 mH
C_{MES}	361.1194 µF
R_{ES}	9.3584 Ω
R_{MT}	3.6339 Ω_M
Z_{Min}	4.2422 Ω
Z_{AVG}	6.4842 Ω







MODEL	RS DIAMOND TW25
F_S	734.6284 Hz
Diameter	0.0000 mm
Z_{Max}	8.8883 Ω
R_E	3.4000 Ω
R_{MS}	0.0000 Ω_M
Q_{MS}	1.8616
Q_{ES}	1.1533
Q_{TS}	0.7121
C_{MS}	0.0000 mm/N
M_{MS}	0.0000 g
BL	0.0000 Tm
V_{AS}	0.0000 L
dB_{SPL}	0.0000
L_{1kHz}	0.0000 mH
L_{10kHz}	0.0323 mH
C_{AS}	0.000000E+0000 m^5/N
R_{AS}	0.0000 Ω_A
M_{AS}	0.0000 kg/m^4
R_{AT}	0.0000 Ω_A
S_D	0.0000 Ω
L_{CES}	0.6387 mH
C_{MES}	73.4852 µF
R_{ES}	5.4883 Ω
R_{MT}	0.0000 Ω_M
Z_{MIn}	3.6697 Ω
Z_{AVG}	4.3661 Ω