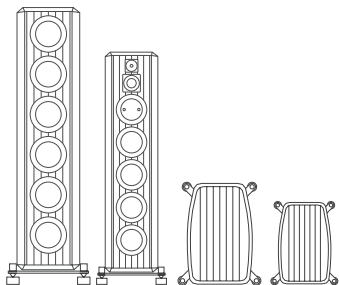




MARTEN

TECHNICAL SPECIFICATIONS

COLTRANE
series



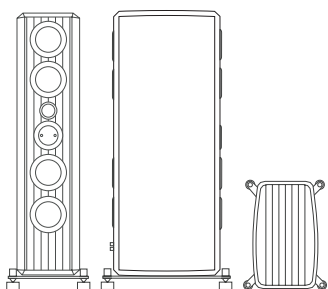
Coltrane Supreme

Main towers

Frequency range / 100 -100 000 Hz ± 1.5 dB
Power rating / 300 W continuous, 1500 W peak
Sensitivity / 92 dB/W/m
Impedance / 6 Ohm (minimum 3.7 Ohm)
Type / Sealed box system
Drive units / Four 7" ceramic-woofers, one 7" lower ceramic-mid, 2" diamond-mid, 3/4" diamond tweeter
Crossover network / 2nd & 1st order: 330, 1200 & 8000 Hz
Terminals / Bi-wiring WBT
Cabinet / 25mm:s carbon fibre laminate sides, 60mm wood front, back, top and bottom
Stands / Polished steel with Black Diamond Racing cones and pucks
Dimensions WxHxD / 26 cm x 137 cm x 40 cm (10.2" x 53.9" x 15.8")
Netweight / 90 Kg (200 lbs)

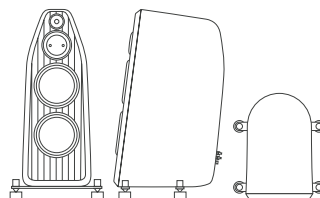
Subwoofers

Frequency range / 15-100 Hz -3 dB
Power rating / 800 W continuous, 4 000W peak
Impedance / 6 Ohm (minimum 4.3 Ohm)
Type / Bass reflex
Drive units / Six 9" ceramic woofers
Crossover network / Fourth order fully balanced active crossover 100 Hz with built in 2000 W amp
Terminals / Bi-wiring WBT
Cabinet / 25mm:s carbon fibre laminate sides, 60mm wood front, back, top and bottom
Stands / Polished steel with Black Diamond Racing cones and pucks
Dimensions WxHxD / 36 cm x 176 cm x 50 cm (14.2" x 69.3" x 19.7")
Netweight / 115 Kg (255 lbs)



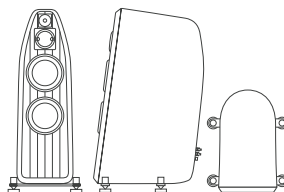
Coltrane Momento

Frequency range / 20-55000 Hz ± 2 dB
Power rating / 350 W
Sensitivity / 91 dB / 2.83V
Impedance / 6 ohm (4.3 ohm min)
Type / 3-way passive radiators
Drive units / 4x9" ceramic , 4x9" aluminium (passive), 1x7" ceramic, 1" diamond
Crossover frequency / Second order: 400 & 2900 Hz
Terminals / Bi-wiring WBT
Internal wiring / Jorma Design Prime
Cabinet / 20mm:s carbon fibre laminate sides, 30mm solid wood and 30mm laminated wood front, back, top and bottom
Stands / Polished stainless steel with Black Diamond Racing double pucks and cones
Dimensions WxHxD / 39 x 166 x 60 cm (15.4" x 65.4" x 23.6")
Net weight / 135 Kg (298 lbs)



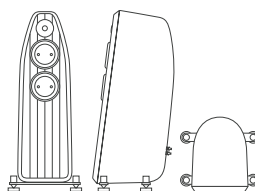
Coltrane 2

Frequency range / 20-60000 Hz ± 2 dB
Power rating / 300 W
Sensitivity / 89 dB / 1 m / 2.83V
Impedance / 8 ohm (4.1 Ohm min)
Type / 3-way bass reflex
Drive units / 2x11" ceramic sandwich , 1x7" ceramic, 1x1" diamond
Crossover frequency / 2-nd order: 250 & 2800 Hz
Terminals / Bi-wiring WBT
Internal wiring / Jorma Design
Cabinet / 25 mm:s carbon fibre laminate cabinet, 60 mm laminated wood front
Stands / Brushed stainless steel with Black Diamond Racing pucks and cones
Dimensions WxHxD / 39.5 cm x121 cm x 63 cm (15.5" x 47.7" x 24.8")
Net weight / 60 Kg (132 lbs)



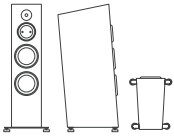
Coltrane

Frequency range / 20-100 000 Hz ± 2 dB
Power rating / 300 W
Sensitivity / 89 dB/W/m
Impedance / 6 ohm (4.8 ohms min, with bass-adjust in normal)
Type / Ported system, port resonance 21 Hz
Drive units / Two 9" ceramic-bass, 4" ceramic mid, 3/4" diamond-tweeter
Crossover frequency / Second order, 350 & 4000 Hz
Terminals / Bi-wiring WBT
Internal wiring / Jorma Design No 1
Cabinet / 25 mm carbon fiber laminate, 61 mm wood front (2x30 with deadening glue)
Stands / Polished steel with Black Diamond Racing cones and pucks
Dimensions WxHxD / 31.3 x 113.0 x 61.0 cm (12.3 x 44.5 x 24.0")
Net weight / 47 kg (104 lbs)

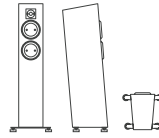


Coltrane Soprano

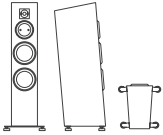
Frequency range / 27-55000 Hz ± 2 dB
Power rating / 200 W
Sensitivity / 89 dB / 2.83V
Impedance / 5 ohm (3.6 Ohm min at 200 Hz)
Type / 2-way ported (28 Hz)
Drive units / 2x7" ceramic, 1" diamond
Crossover frequency / 1st and 2nd order: 2900 Hz
Terminals / Bi-wiring WBT
Internal wiring / Jorma Design No 1
Cabinet / 56 mm front (25+30 mm with deadening-glye) with 20 mm carbon fibre laminate sides
Stands / Stainless steel stands with Black Diamond Racing cones and pucks
Dimensions WxHxD / 31 x 112 x 40 cm (12.2 x 44.1 x 15.7")
Net weight / 36 kg (80 lbs)



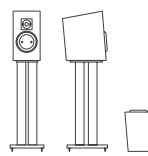
Bird 2
Frequency range / 25-100000 Hz \pm 3dB
Power rating / 300 W
Sensitivity / 89 dB / 2.83V
Impedance / 6 ohm (4.7 min)
Type / 3-way ported (26 Hz)
Drive units / 2x9" ceramic sandwich, 7" ceramic 3/4" diamond
Crossover frequency / Second order: 250, 3000 Hz
Components / Low loss copper foil coils and silver/gold in oil capacitors
Terminals / Single-wiring WBT
Internal wiring / Jorma Design
Cabinet / 26mm veneered MDF
Stands / Steel stands with Marten cones and pucks
Dimensions WxHxD / 28 x 116 x 46 cm (11 x 45.6 x 18.1")
Net weight / 47 Kg (104 lbs)



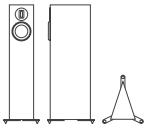
Miles 5
Frequency range / 28-40000 Hz \pm 3dB
Power rating / 250 W
Sensitivity / 90 dB/w/m
Impedance / 4 ohm (3.8 ohms minimum)
Type / 2-way ported (27 Hz)
Drive units / Two 7" ceramic-mid, 1" ceramic-tweeter
Crossover frequency / Second order, 2800 Hz
Components / Low loss copper foil coils and silver/gold in oil capacitors
Terminals / Single-wiring WBT
Internal wiring / Jorma Design
Cabinet / 23mm veneered MDF
Stands / Steel stands with Marten cones and pucks
Dimensions WxHxD / 22 x 116 x 32 cm (8.6 x 45.7 x 12.6")
Net weight / 30 kg (67 lbs)



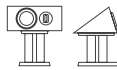
Getz 2
Frequency range / 28-40000 Hz \pm 3dB
Power rating / 250 W
Sensitivity / 87 dB / 2.83V
Impedance / 4 ohm (3.7 Ohm min)
Type / 3-way passive radiator
Drive units / 9" ceramic sandwich, 9" aluminium (passive), 7" ceramic, 1" ceramic
Crossover frequency / Second order: 250 & 3000 Hz
Components / Low loss copper foil coils and silver/gold in oil capacitors
Terminals / Single-wiring WBT
Internal wiring / Jorma Design
Cabinet / 23 mm:s veneered MDF
Stands / Steel stands with Marten cones and pucks
Dimensions WxHxD / 25 x 116 x 35 cm (9.8 x 45.7 x 13.8")
Net weight / 35 Kg (73 lbs)



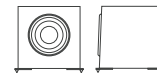
Duke 2
Frequency range / 38-40 000 Hz \pm 3dB
Power rating / 150 W
Sensitivity / 88 dB/w/m
Impedance / 4 ohm (3.7 ohms min)
Type / 2-way ported (39 Hz)
Drive units / One 7" ceramic-unit, 1" ceramic-unit
Crossover frequency / Second order, 3000 Hz
Components / Low loss copper foil coils and silver/gold in oil capacitors
Terminals / Single-wiring WBT
Internal wiring / Jorma Design
Cabinet / 23mm veneered MDF
Dimensions WxHxD / 22 x 40 x 33 cm (8.6 x 15.7 x 12.9")
Net weight / 13 kg (28.6 lbs)



FormFloor
Frequency range / 36-40000 Hz \pm 3dB
Power rating / 150 W
Sensitivity / 87 dB/w/m
Impedance / 8 ohm (5.9 ohms min)
Type / Ported system, port resonance 34 Hz
Drive units / One 7" ceramic-mid, 2.2" ribbon-tweeter
Crossover frequency / Second order, 3000 Hz
Terminals / Single wire binding posts
Cabinet / 19mm MDF
Dimensions WxHxD / 21 x 110 x 33 cm (8.3 x 43.3 x 13")
Net weight / 17 kg (37.7 lbs)



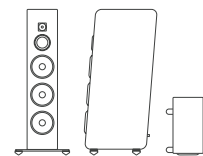
FormCentre
Frequency range / 70-40000 Hz \pm 3dB
Power rating / 150 W
Sensitivity / 87 dB/w/m
Impedance / 8 ohm (5.9 ohms min)
Type / Closed box
Drive units / One 7" ceramic-mid, 2.2" ribbon-tweeter
Crossover frequency / Second order, 3000 Hz
Terminals / Single wire binding posts
Cabinet / 19mm MDF
Dimensions WxHxD / 44.6 x 21 x 33 cm (17.5 x 8.3 x 13")
Net weight / 8.5 kg (18.9 lbs)



FormSub
Frequency range / 19-200 Hz \pm 3dB
Power rating / 400 W class D
Type / Ported system, port resonance 21 Hz
Drive units / One 10" extreme long throw
Crossover frequency / Third order, 30-120 Hz
Terminals / RCA: 10 kOhm, High input: 1 kOhm
Cabinet / 25mm MDF
Dimensions WxHxD / 38 x 46 x 40 cm (15 x 18.1 x 15.7")
Net weight / 30 kg (66.7 lbs)

Django XL
Frequency range / 26-30000 Hz \pm 3dB
Power rating / 250 W
Sensitivity / 89 dB / 1 m / 2.83V
Impedance / 6 ohm (4 Ohm min)
Type / 3-way bass reflex
Drive units / 3x8" aluminium, 1x6" ceramic, 1x1" ceramic
Crossover frequency / 2:nd order: 250 & 3000 Hz

Terminals / Single-wiring WBT
Internal wiring / Jorma Design
Cabinet / 25 mm:s MDF
Stands / Anodised aluminium with Marten cones
Dimensions (WxHxD) / 27 x 125 x 50 cm (10.6 x 49.2 x 19.7")
Net weight / 47 Kg (104 lbs)



Max Power @ 8 Ohm, 1% THD / 550 W
Max Power @ 4 Ohm, 1% THD / 1000 W
Max Power @ 2 Ohm, 1% THD / 1700 W
THD @ 1 W, 8 Ohm, 20-20000 Hz / 0.0012%
THD @ 10 W, 8 Ohm, 20-20000 Hz / 0.0015%
THD @ 100 W, 8 Ohm, 20-20000 Hz / 0.003%
THD @ 300 W, 8 Ohm, 20-20000 Hz / 0.014%
THD @ 400 W, 8 Ohm, 20-20000 Hz / 0.02%
THD @ 500 W, 8 Ohm, 20-20000 Hz / 0.05%

Unweighted noise / \leftarrow 40 μ Vrms
Output impedance, 20-20000 Hz / \leftarrow 30 mOhm
Frequency response 20-20000 Hz / +0, -0.05 dB
Frequency response DC-120000 Hz / +0, -3 dB
Power supply:
Transformer / 2 KVA
Electrolytic capacity / 190000 μ F
Dimension WxHxD / 37 x 27 x 53 cm (14.5"x10.6"x20.9")
Net weight: / 37 Kg

