



CELESTION

PROFESSIONAL COMPONENTS 2005



INNOVATION DRIVERS

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Welcome to the Celestion Professional Components Catalogue

Pioneering research and development has always been integral to the company, since Eric Mackintosh and Cyril French first patented their loudspeaker, 'The Celestion' in 1924. Eighty years later, we continue to follow their example with a commitment to design and build innovative products for the professional audio market.

Celestion are the Innovation Drivers. You will see from the creative solutions in this catalogue that we are not afraid to push beyond the traditional boundaries of loudspeaker design and set new standards.

In order to achieve this, we have created an environment for excellence. The Celestion professional products division has recently moved to a brand new, purpose-built headquarters near Ipswich, UK. This has afforded a unique opportunity to establish some of the most advanced development and test facilities available anywhere in the world.

Our team of experienced engineers are supported by a comprehensively equipped Development Laboratory, with direct access to a Hemi-Anechoic Chamber for precision measurement, and a custom engineered Listening Room for loudspeaker evaluation and comparison. The new plant also houses

an advanced manufacturing facility, which builds in the flexibility required to produce premium, low volume products and to sample new designs.

In response to the demands of the ever-evolving pro audio market, the majority of our production now takes place at our own factory in China. Here, rigorous attention is paid to every aspect of component production, with each process strictly monitored to ensure the highest level of quality control.

A strong relationship with our Chinese colleagues is reinforced by a forward-thinking engineer exchange program. This total approach to design and manufacture means we are able to produce consistently high quality product that can be shipped direct to our customers, wherever they are, at an extremely competitive price.



CELESTION





FTR

FTR represents the next generation of Celestion's premier quality, professional loudspeakers. These high-power, die cast aluminium chassis drivers incorporate a number of innovations that together combine to deliver groundbreaking performance, significantly minimising distortion and reducing thermal compression. The robust FTR chassis can support the heavyweight magnets required to achieve a high power rating, enabling Celestion to offer first-class sound reinforcement up to 1000Wrms and potentially more.

These exceptionally high quality drivers were created as a product range intended for a variety of typical pro audio applications. For OEM projects further drivers can be developed - tailored to individual application requirements - based on magnet and voice coil size, and cone excursion.



FTR FEATURES

Full Flux Saturation

The unique magnet topology is optimised to ensure full flux saturation between magnet and front plate. This reduces interference from transient flux, lowering harmonic distortion.

Improved Heat Dissipation

A smart chassis design and an inside/outside voice coil provide greater heat dissipation. This allows for higher power handling and provides a more constant SPL, which otherwise could diminish when the voice coil begins to overheat (often referred to as Thermal Compression).

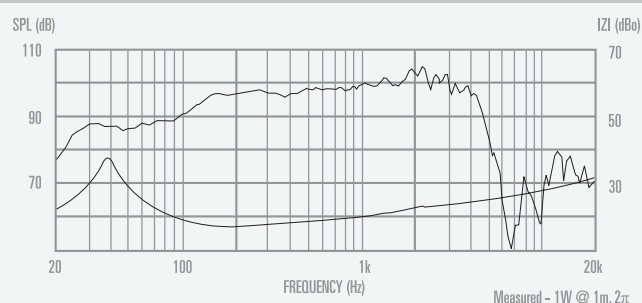
Reduced Acoustic Distortion

The lightweight, robust cast aluminium chassis has been designed to minimise reflections back on to the cone, significantly reducing acoustic distortion.

FTR15-3070C



FREQUENCY RESPONSE AND IMPEDANCE CURVES



- 99dB sensitivity
- 400Wrms continuous power handling (measured to AES Standard)
- Saturated gap technology for lower harmonic distortion
- Low frequency response, down to 40Hz
- Smart chassis design minimises acoustic distortion
- Specially treated weather-resistant cone

General Specifications

Nominal diameter	15", 381mm
Power rating	400W
Nominal impedance	8Ω
Sensitivity	99dB
Chassis type	Cast
Voice coil diameter	3", 76.2mm
Surround material	Cloth - sealed
Magnet type	Ceramic
Magnet weight	80oz, 2.3kg
Cone material	Round copper
Cone material	Glass loaded paper with weather resistant impregnation
Frequency range	40-4000Hz
Resonance frequency, fs	39Hz

Thiele-Small Parameters

Mmt (g)	84
Qms	7.1
Qes	0.38
Qts	0.36
Re (Ω)	6.5
D (m)	0.33
Vas (L)	208
Bl (Tm)	18.7
Cms (mm/N)	0.20
Rms (kg/s)	2.86
Xmax (mm)	3.0
f/p (mm)	10.0
coil (mm)	16.0

Mounting Information

Diameter	15.2", 385mm
Overall depth	6.2", 158mm
Cut-out diameter	13.8", 351mm
Mounting slot dimensions	0.28 x 0.39", 7 x 10mm
Number of mounting slots	8
Mounting PCD range	14.4 - 14.8", 365 - 375mm
Unit weight	14.2lb, 6.4kg

Packed Dimensions (W x D x H) and Weight

Single pack size	17.1 x 17.1 x 7.9", 435 x 435 x 200mm
Single pack weight	17.1lb, 7.7kg

FTR15-4080F

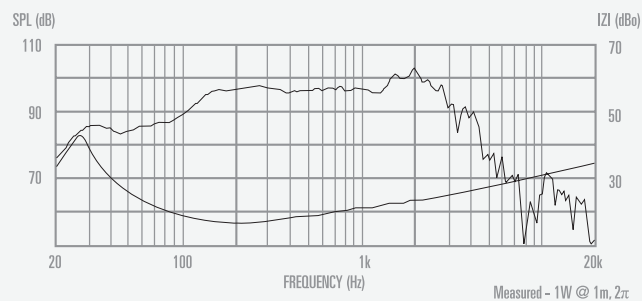


- 600Wrms continuous power handling (measured to AES Standard)
- Flexirol™ technology for greater excursion control
- Saturated gap technology for lower harmonic distortion
- Extremely low frequency response, down to 35Hz
- Smart chassis design minimises acoustic distortion
- Specially treated weather-resistant cone

General Specifications

Nominal diameter	15", 381mm
Power rating	600W
Nominal impedance	8Ω
Sensitivity	97dB
Chassis type	Cast
Voice coil diameter	4", 101.6mm
Surround material	Cloth - sealed
Magnet type	Ceramic
Magnet weight	110oz, 3.1kg
Coil material	Round copper
Cone material	Glass loaded paper with weather resistant impregnation
Frequency range	35-3000Hz
Resonance frequency, fs	29Hz

FREQUENCY RESPONSE AND IMPEDANCE CURVES



Thiele-Small Parameters

Mmt (g)	119
Qms	7.0
Qes	0.20
Qts	0.19
Re (Ω)	5.5
D (m)	0.33
Vas (L)	266
Bl (Tm)	23.8
Cms (mm/N)	0.26
Rms (kg/s)	3.07
Xmax (mm)	6.0
f/p (mm)	10.0
coil (mm)	22.0

Mounting Information

Diameter	15.2", 385mm
Overall depth	6.7", 170mm
Cut-out diameter	13.8", 351mm
Mounting slot dimensions	0.28 x 0.39", 7 x 10mm
Number of mounting slots	8
Mounting PCD range	14.4 - 14.8", 365 - 375mm
Unit weight	20.9lb, 9.4kg

Packed Dimensions (W x D x H) and Weight

Single pack size	17.1 x 17.1 x 7.9", 435 x 435 x 200mm
Single pack weight	23.8lb, 10.7kg

FTR15-4080FD

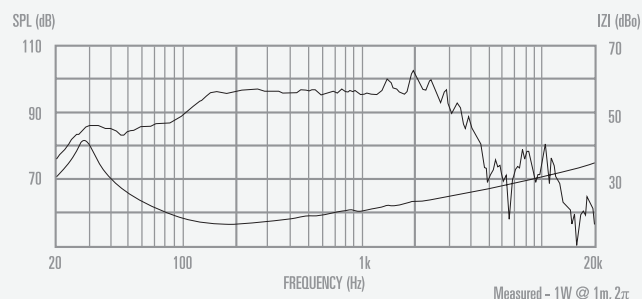


- 1000Wrms continuous power handling (measured to AES Standard)
- Flexirol™ technology for greater excursion control
- Double suspension to further improve linearity at high excursion
- Saturated gap technology for lower harmonic distortion
- Extremely low frequency response, down to 35Hz
- Smart chassis design minimises acoustic distortion

General Specifications

Nominal diameter	15", 381mm
Power rating	1000W
Nominal impedance	8Ω
Sensitivity	97dB
Chassis type	Cast
Voice coil diameter	4", 101.6mm
Surround material	Cloth - sealed
Magnet type	Ceramic
Magnet weight	110oz, 3.1kg
Coil material	Round copper
Cone material	Glass loaded paper with weather resistant impregnation
Frequency range	35-2500Hz
Resonance frequency, fs	32Hz

FREQUENCY RESPONSE AND IMPEDANCE CURVES



Thiele-Small Parameters

Mmt (g)	129
Qms	7.2
Qes	0.24
Qts	0.23
Re (Ω)	5.4
D (m)	0.33
Vas (L)	203
Bl (Tm)	23.9
Cms (mm/N)	0.20
Rms (kg/s)	3.56
Xmax (mm)	6.0
f/p (mm)	10.0
coil (mm)	22.0

Mounting Information

Diameter	15.2", 385mm
Overall depth	6.7", 170mm
Cut-out diameter	13.8", 351mm
Mounting slot dimensions	0.28 x 0.39", 7 x 10mm
Number of mounting slots	8
Mounting PCD range	14.4 - 14.8", 365 - 375mm
Unit weight	21.1lb, 9.5kg

Packed Dimensions (W x D x H) and Weight

Single pack size	17.1 x 17.1 x 7.9", 435 x 435 x 200mm
Single pack weight	24.0lb, 10.8kg

FTR18-4080F

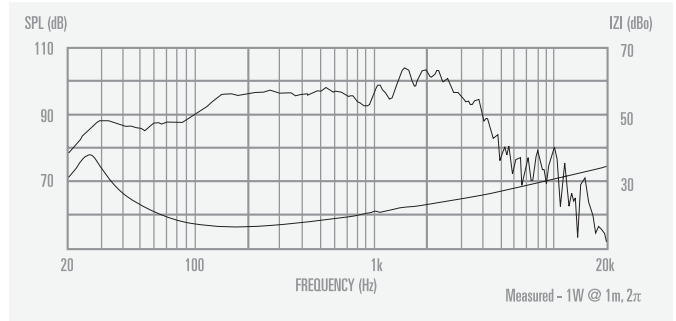


- 600Wrms continuous power handling (measured to AES Standard)
- Flexirol™ technology for greater excursion control
- Saturated gap technology for lower harmonic distortion
- Extremely low frequency response, down to 30Hz
- Smart chassis design minimises acoustic distortion
- Specially treated weather-resistant cone

General Specifications

Nominal diameter	18", 457mm
Power rating	600W
Nominal impedance	8Ω
Sensitivity	97dB
Chassis type	Cast
Voice coil diameter	4", 101.6mm
Surround material	Cloth - sealed
Magnet type	Ceramic
Magnet weight	110oz, 3.1kg
Coil material	Round copper
Cone material	Glass loaded paper with weather resistant impregnation
Frequency range	30-3000Hz
Resonance frequency, fs	28Hz

FREQUENCY RESPONSE AND IMPEDANCE CURVES



Thiele-Small Parameters

Mmt (g)	161
Qms	6.9
Qes	0.28
Qts	0.27
Re (Ω)	5.3
D (m)	0.39
Vas (L)	394
Bl (Tm)	23.1
Cms (mm/N)	0.21
Rms (kg/s)	4.03
Xmax (mm)	6.0
f/p (mm)	10.0
coil (mm)	22.0

Mounting Information

Diameter	17.8", 452mm
Overall depth	8.1", 205mm
Cut-out diameter	16.4", 416mm
Mounting slot dimensions	0.28 x 0.43", 7 x 11mm
Number of mounting slots	8
Mounting PCD range	16.9 - 17.3", 429 - 440mm
Unit weight	21.6lb, 9.7kg

Packed Dimensions (W x D x H) and Weight

Single pack size	19.7 x 19.7 x 9.8", 500 x 500 x 240mm
Single pack weight	25.6lb, 11.5kg

FTR18-4080FD

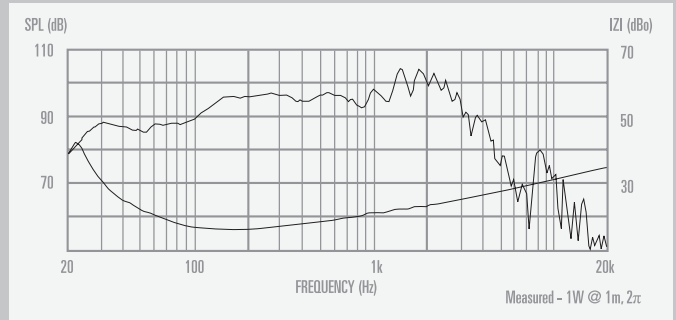


- 1000Wrms continuous power handling (measured to AES Standard)
- Flexirol™ technology for greater excursion control
- Double suspension to further improve linearity at high excursion
- Saturated gap technology for lower harmonic distortion
- Extremely low frequency response, down to 30Hz
- Smart chassis design minimises acoustic distortion

General Specifications

Nominal diameter	18", 457mm
Power rating	1000W
Nominal impedance	8Ω
Sensitivity	97dB
Chassis type	Cast
Voice coil diameter	4", 101.6mm
Surround material	Cloth - sealed
Magnet type	Ceramic
Magnet weight	110oz, 3.1kg
Coil material	Round copper
Cone material	Glass loaded paper with weather resistant impregnation
Frequency range	30-2500Hz
Resonance frequency, fs	25Hz

FREQUENCY RESPONSE AND IMPEDANCE CURVES



Thiele-Small Parameters

Mmt (g)	170
Qms	9.4
Qes	0.26
Qts	0.26
Re (Ω)	5.4
D (m)	0.39
Vas (L)	445
Bl (Tm)	23.6
Cms (mm/N)	0.23
Rms (kg/s)	2.87
Xmax (mm)	6.0
f/p (mm)	10.0
coil (mm)	22.0

Mounting Information

Diameter	17.8", 452mm
Overall depth	8.1", 205mm
Cut-out diameter	16.4", 416mm
Mounting slot dimensions	0.28 x 0.43", 7 x 11mm
Number of mounting slots	8
Mounting PCD range	16.9 - 17.3", 429 - 440mm
Unit weight	21.8lb, 9.8kg

Packed Dimensions (W x D x H) and Weight

Single pack size	19.7 x 19.7 x 9.8", 500 x 500 x 240mm
Single pack weight	25.6lb, 11.6kg

NTi

The NTi Inverted Neo range were the first ever professional drive units with this level of power handling to incorporate a Neodymium magnet structure. This material produces far stronger field effects than traditional ferrite magnets, so the magnet structure can be made much smaller and lighter while still yielding an extremely impressive frequency response. As a result, NTi speakers exhibit superb detail at an incredibly low weight.

The front-mounted magnet assembly allows the speaker to operate at a much higher power than would otherwise be possible. With a conventional back-mounted assembly, heat dissipation from the magnet structure can be limited, causing thermal effects that impair the performance of the driver. This 'inverted' chassis design permits the magnet structure to radiate heat in free air, giving the best possible cooling.

Other characteristics of the NTi range include double suspension for maximum stability at extremes of excursion and an edgewound voice coil for enhanced bass performance. The NTi-1552 features a copper-clad aluminium voice coil to reduce moving mass and inductance, making it, at 100dB sensitivity, the most efficient 15" PA loudspeaker ever made by Celestion.

NTi FEATURES

NTi-1550

- High-flux motor assembly enables greater sensitivity and higher damping for dynamic bass/low-mid applications
- Double suspension for maximum stability at extremes of excursion
- Copper edgewound voice coil provides solid bass performance with excellent thermal characteristics

NTi-1551

- Smaller neodymium magnet produces lower flux density more suitable for dedicated low bass applications
- Single suspension and copper edgewound voice coil ensure solid bass performance
- Suitable for bass and sub-bass applications in large systems

NTi-1552

- High flux density plus copper clad, edgewound aluminium voice coil produces greater sensitivity and very dynamic performance
- 500Wrms power handling and single suspension makes NTi-1552 ideal for monitors and low-mid/bass applications in large scale systems
- The most efficient 15" PA loudspeaker ever made by Celestion

NTi-1550

General Specifications

Nominal diameter	15", 381mm
Power rating	600W
Nominal impedance	8Ω
Sensitivity	98dB
Chassis type	Cast
Voice coil diameter	4", 101.6mm
Surround material	Cloth - sealed
Magnet type	Neodymium
Magnet assembly weight	134oz, 3.8kg
Cone material	Edgewound copper
Frequency range	40-1800Hz
Resonance frequency, fs	45Hz



Thiele-Small Parameters

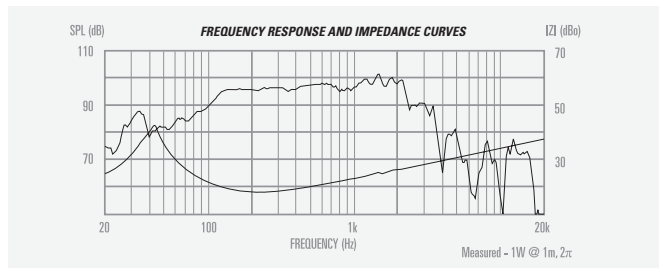
Mmt (g)	110.0
Qms	6.58
Qes	0.25
Qts	0.24
Re (Ω)	6.1
D (m)	0.33
Vas (L)	145.0
Magnet assembly flux (T)	1.40
Bl (Tm)	26.0
Cms (mm/N)	0.14
Rms (kg/s)	4.2
Xmax (mm)	6.0
f/p (mm)	10.0
coil (mm)	22.0

Mounting Information

Diameter	15.6", 395mm
Overall depth	5.8", 147mm
Cut-out diameter	13.8", 350mm
Mounting slot dimensions	0.28 x 0.35", 7 x 9mm
Number of mounting slots	8
Mounting PCD range	14.7 - 15.0", 373 - 381mm
Unit weight	12.9lb, 5.8kg

Packed Dimensions (W x D x H) and Weight

Single pack size	17.3 x 18.1 x 6.7", 440 x 460 x 170mm
Single pack weight	15.1lb, 6.8kg



NTi-1551

General Specifications

Nominal diameter	15", 381mm
Power rating	600W
Nominal impedance	8Ω
Sensitivity	97dB
Chassis type	Cast
Voice coil diameter	4", 101.6mm
Surround material	Cloth - sealed
Magnet type	Neodymium
Magnet assembly weight	127oz, 3.6kg
Cone material	Edgewound copper
Frequency range	40-2000Hz
Resonance frequency, fs	45Hz



Thiele-Small Parameters

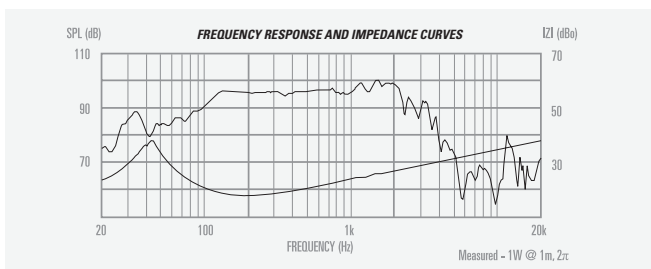
Mmt (g)	96.0
Qms	6.58
Qes	0.29
Qts	0.25
Re (Ω)	6.1
D (m)	0.33
Vas (L)	175.0
Magnet assembly flux (T)	1.20
Bl (Tm)	21.5
Cms (mm/N)	0.2
Rms (kg/s)	3.7
Xmax (mm)	6.0
f/p (mm)	10.0
coil (mm)	22.0

Mounting Information

Diameter	15.6", 395mm
Overall depth	5.1", 130mm
Cut-out diameter	13.8", 350mm
Mounting slot dimensions	0.28 x 0.35", 7 x 9mm
Number of mounting slots	8
Mounting PCD range	14.7 - 15.0", 373 - 381mm
Unit weight	12.4lb, 5.6kg

Packed Dimensions (W x D x H) and Weight

Single pack size	17.3 x 18.1 x 6.7", 440 x 460 x 170mm
Single pack weight	14.7lb, 6.6kg



NTi-1552

General Specifications

Nominal diameter	15", 381mm
Power rating	500W
Nominal impedance	8Ω
Sensitivity	100dB
Chassis type	Cast
Voice coil diameter	4", 101.6mm
Surround material	Cloth - sealed
Magnet type	Neodymium
Magnet assembly weight	134oz, 3.8kg
Cone material	Edgewound, copper clad aluminium
Frequency range	50-3000Hz
Resonance frequency, fs	45Hz



Thiele-Small Parameters

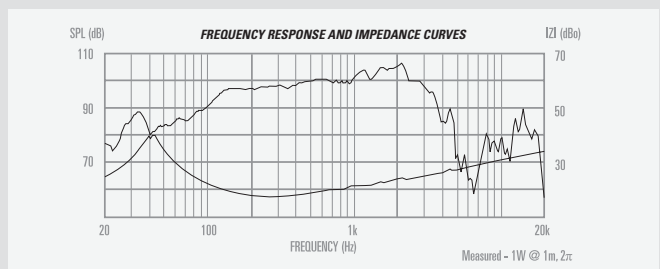
Mmt (g)	78.0
Qms	6.20
Qes	0.29
Qts	0.27
Re (Ω)	5.8
D (m)	0.33
Vas (L)	180.0
Magnet assembly flux (T)	1.40
Bl (Tm)	20.5
Cms (mm/N)	0.2
Rms (kg/s)	3.4
Xmax (mm)	5.0
f/p (mm)	10.0
coil (mm)	20.0

Mounting Information

Diameter	15.6", 395mm
Overall depth	5.1", 130mm
Cut-out diameter	13.8", 350mm
Mounting slot dimensions	0.28 x 0.35", 7 x 9mm
Number of mounting slots	8
Mounting PCD range	14.7 x 15.0", 373 - 381mm
Unit weight	12.9lb, 5.8kg

Packed Dimensions (W x D x H) and Weight

Single pack size	17.3 x 18.1 x 6.7", 440 x 460 x 170mm
Single pack weight	15.1lb, 6.8kg





TRUVOX

Truvox speakers are the result of rigorous research and development. Now an established and successful range, these cost-effective cone transducers represent the apex of speaker technology at this level

High temperature voice coils and proprietary suspensions are optimised for performance and excursion control to deliver maximum power handling and reliability. Speaker cone composition has been individually specified, ensuring a high sensitivity, low distortion performance.

With a comprehensive selection of models available - from 5" to 15" - the range provides supreme flexibility, making Truvox the ideal modular speakers suitable for all professional sound reinforcement applications.

TRUVOX 0510

General Specifications

Nominal diameter	5", 127mm
Power rating	30W
Nominal impedance	8Ω
Sensitivity	91dB
Chassis type	Pressed steel
Voice coil diameter	1", 25.4mm
Surround material	Cloth - sealed
Magnet type	Ceramic
Magnet weight	13oz, 0.37kg
Cone material	Kevlar loaded paper
Frequency range	130-18000Hz
Resonance frequency, fs	130Hz



Thiele-Small Parameters

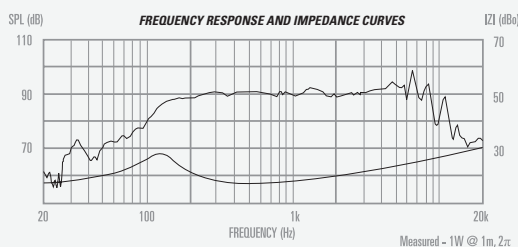
Mmt (g)	5.5
Qms	2
Qes	0.68
Qts	0.51
Re (Ω)	6.2
D (m)	0.1
Vas (L)	2.5
Magnet assembly flux (T)	1.20
Bl (Tm)	6.2
Cms (mm/N)	0.3
Rms (kg/s)	2.1
Xmax (mm)	1.1
f/p (mm)	5.0
coil (mm)	7.25

Mounting Information

Diameter	5.4 x 5.9", 136 x 151mm
Overall depth	2.5", 64mm
Cut-out diameter	4.6", 117mm
Mounting slot dimensions	0.18", 4.5mm Ø
Number of mounting slots	4
Mounting slot PCD	5.5", 140mm
Unit weight	2.2lb, 1.0kg

Packed Dimensions (W x D x H) and Weight

Single pack size	6.7 x 7.1 x 2.8", 170 x 180 x 70mm
Single pack weight	3.3lb, 1.5kg
Multi pack (12) size	12.6 x 21.7 x 7.5", 320 x 550 x 190mm
Multi pack (12) weight	28.8lb, 13kg



TRUVOX 0615 MR

General Specifications

Nominal diameter	6", 152mm
Power rating	50W
Nominal impedance	8Ω
Sensitivity	97dB
Chassis type	Pressed steel
Voice coil diameter	1.5", 38.1mm
Surround material	Paper
Magnet type	Ceramic
Magnet weight	17oz, 0.48kg
Cone material	Kevlar loaded paper
Frequency range	500-50000Hz
Resonance frequency, fs	500Hz



Thiele-Small Parameters

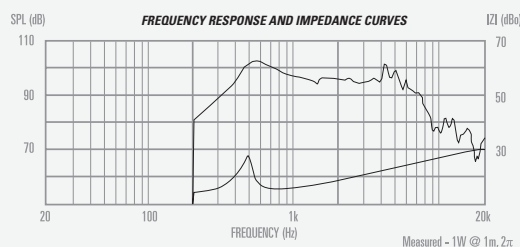
Mmt (g)	n/a
Qms	n/a
Qes	n/a
Qts	n/a
Re (Ω)	5.75
D (m)	n/a
Vas (L)	n/a
Magnet assembly flux (T)	1.10
Bl (Tm)	n/a
Cms (mm/N)	n/a
Rms (kg/s)	n/a
Xmax (mm)	n/a
f/p (mm)	n/a
coil (mm)	n/a

Mounting Information

Diameter	7.0", 178mm
Overall depth	2.9", 74mm
Cut-out diameter	5.8", 147mm
Mounting slot dimensions	0.2", 4.3mm Ø
Number of mounting slots	4
Mounting slot PCD	6.6", 168.5mm
Unit weight	3.1lb, 1.4kg

Packed Dimensions (W x D x H) and Weight

Single pack size	7.5 x 7.9 x 3.5", 190 x 200 x 90mm
Single pack weight	4.4lb, 2kg
Multi pack (140) size	42.1 x 33.5 x 33.9", 1070 x 850 x 860mm
Multi pack (140) weight	656lb, 295kg



TRUVOX 0818 MR

General Specifications

Nominal diameter	8", 203mm
Power rating	100W
Nominal impedance	8Ω
Sensitivity	99dB
Chassis type	Pressed steel
Voice coil diameter	1.75", 44.5mm
Surround material	Paper
Magnet type	Ceramic
Magnet weight	20oz, 0.57kg
Cone material	Kevlar loaded paper
Frequency range	800-50000Hz
Resonance frequency, fs	450Hz



Thiele-Small Parameters

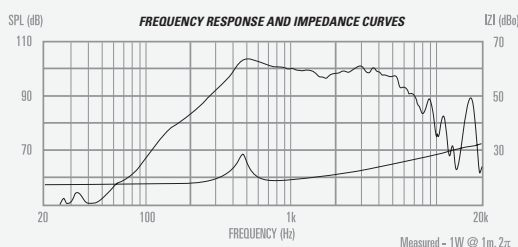
Mmt (g)	n/a
Qms	n/a
Qes	n/a
Qts	n/a
Re (Ω)	6.8
D (m)	n/a
Vas (L)	n/a
Magnet assembly flux (T)	1.12
Bl (Tm)	n/a
Cms (mm/N)	n/a
Rms (kg/s)	n/a
Xmax (mm)	n/a
f/p (mm)	n/a
coil (mm)	n/a

Mounting Information

Diameter	8.2", 208mm
Overall depth	3.3", 85mm
Cut-out diameter	7.2", 183mm
Mounting slot dimensions	0.4 x 0.2", 9.5 x 5.5mm
Number of mounting slots	8
Mounting slot PCD (mm)	7.7", 196mm
Unit weight (kg)	4.2lb, 1.9kg

Packed Dimensions (W x D x H) and Weight

Single pack size	9.1 x 9.1 x 4.3", 230 x 230 x 110mm
Single pack weight	6.7lb, 3kg
Multi pack (140) size	42.1 x 33.5 x 33.9", 1070 x 850 x 860mm
Multi pack (140) weight	967lb, 435kg



TRUVOX 0818

General Specifications

Nominal diameter	8", 203mm
Power rating	150W
Nominal impedance	8Ω
Sensitivity	94dB
Chassis type	Pressed steel
Voice coil diameter	1.75", 44.5mm
Surround material	Cloth - sealed
Magnet type	Ceramic
Magnet weight	31oz, 0.88kg
Cone material	Kevlar loaded paper
Frequency range	70-60000Hz
Resonance frequency, fs	85Hz



Thiele-Small Parameters

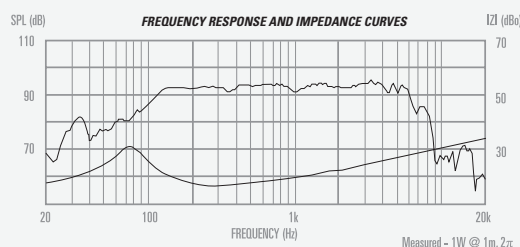
Mmt (g)	17.5
Qms	3.83
Qes	0.50
Qts	0.44
Re (Ω)	8.4
D (m)	0.17
Vas (L)	12.6
Magnet assembly flux (T)	1.20
Bl (Tm)	11.4
Cms (mm/N)	0.17
Rms (kg/s)	2.6
Xmax (mm)	3.4
f/p (mm)	6.0
coil (mm)	12.7

Mounting Information

Diameter	8.2", 208mm
Overall depth	3.7", 95mm
Cut-out diameter	7.2", 183mm
Mounting slot dimensions	0.4 x 0.2", 9.5 x 5.5mm
Number of mounting slots	8
Mounting slot PCD (mm)	7.7", 196mm
Unit weight	5.1lb, 2.3kg

Packed Dimensions (W x D x H) and Weight

Single pack size	9.1 x 9.1 x 4.3", 230 x 230 x 110mm
Single pack weight	6.7lb, 3kg
Multi pack (140) size	42.1 x 33.5 x 33.9", 1070 x 850 x 860mm
Multi pack (140) weight	967lb, 435kg



TRUVOX 1015

General Specifications

Nominal diameter	10", 254mm
Power rating	70W
Nominal impedance	8Ω
Sensitivity	95dB
Chassis type	Pressed steel
Voice coil diameter	1.5", 38.1mm
Surround material	Cloth - sealed
Magnet type	Ceramic
Magnet weight	17oz, 0.48kg
Cone material	Kevlar loaded paper
Frequency range	80-6000Hz
Resonance frequency, fs	80Hz



Thiele-Small Parameters

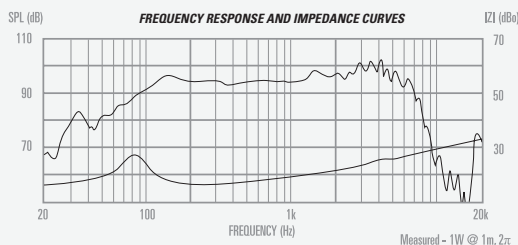
Mmt (g)	21
Qms	4.60
Qes	1.12
Qts	0.90
Re (Ω)	5.9
D (m)	0.21
Vas (L)	32.0
Magnet assembly flux (T)	1.10
Bl (Tm)	7.5
Cms (mm/N)	0.2
Rms (kg/s)	2.3
Xmax (mm)	2.0
f/p (mm)	6.0
coil (mm)	10.0

Mounting Information

Diameter	10.1", 256mm
Overall depth	3.9", 100mm
Cut-out diameter	9.0", 229mm
Mounting slot dimensions	0.2 x 0.3", 6 x 8mm
Number of mounting slots	4
Mounting slot PCD	9.6", 245mm
Unit weight	3.8lb, 1.7kg

Packed Dimensions (W x D x H) and Weight

Single pack size	11.0 x 11.0 x 4.7", 280 x 280 x 120mm
Single pack weight	4.4lb, 2kg
Multi pack (96) size	42.5 x 34.6 x 33.1", 1080 x 880 x 840mm
Multi pack (96) weight	441lb, 200kg



TRUVOX 1020

General Specifications

Nominal diameter	10", 254mm
Power rating	150W
Nominal impedance	8Ω
Sensitivity	97dB
Chassis type	Pressed steel
Voice coil diameter	2", 50.8mm
Surround material	Cloth - sealed
Magnet type	Ceramic
Magnet weight	42oz, 1.19kg
Cone material	Kevlar loaded paper
Frequency range	60-3000Hz
Resonance frequency, fs	75Hz



Thiele-Small Parameters

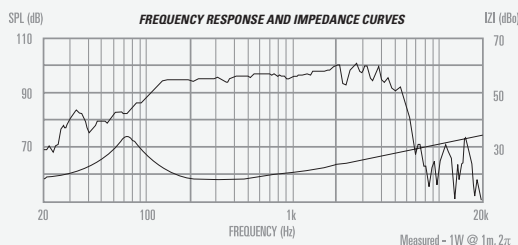
Mmt (g)	28.0
Qms	4.00
Qes	0.41
Qts	0.37
Re (Ω)	5.4
D (m)	0.21
Vas (L)	46.0
Magnet assembly flux (T)	1.22
Bl (Tm)	13.4
Cms (mm/N)	0.2
Rms (kg/s)	3.3
Xmax (mm)	2.0
f/p (mm)	8.0
coil (mm)	12.0

Mounting Information

Diameter	10.1", 256mm
Overall depth	4.3", 110mm
Cut-out diameter	9.0", 229mm
Mounting slot dimensions	0.2 x 0.3", 6 x 8mm
Number of mounting slots	4
Mounting slot PCD	9.6", 245mm
Unit weight	8.2lb, 3.7kg

Packed Dimensions (W x D x H) and Weight

Single pack size	11.0 x 11.0 x 4.7", 280 x 280 x 120mm
Single pack weight	8.9lb, 4kg
Multi pack (96) size	42.5 x 34.6 x 33.1", 1080 x 880 x 840mm
Multi pack (96) weight	867lb, 390kg



TRUVOX 1018

General Specifications

Nominal diameter	10", 254mm
Power rating	100W
Nominal impedance	8Ω
Sensitivity	96dB
Chassis type	Pressed steel
Voice coil diameter	1.75", 44.5mm
Surround material	Cloth - sealed
Magnet type	Ceramic
Magnet weight	31oz, 0.88kg
Cone material	Kevlar loaded paper
Frequency range	70-6000Hz
Resonance frequency, fs	70Hz



Thiele-Small Parameters

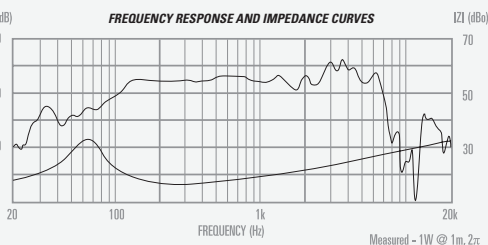
Mmt (g)	26.3
Qms	7.64
Qes	0.66
Qts	0.61
Re (Ω)	5.8
D (m)	0.21
Vas (L)	32.6
Magnet assembly flux (T)	1.20
Bl (Tm)	10.1
Cms (mm/N)	0.2
Rms (kg/s)	1.5
Xmax (mm)	2.0
f/p (mm)	6.0
coil (mm)	10.0

Mounting Information

Diameter	10.1", 256mm
Overall depth	4.0", 102mm
Cut-out diameter	9.0", 229mm
Mounting slot dimensions	0.2 x 0.3", 6 x 8mm
Number of mounting slots	4
Mounting slot PCD	9.6", 245mm
Unit weight	5.3lb, 2.4kg

Packed Dimensions (W x D x H) and Weight

Single pack size	11.0 x 11.0 x 4.7", 280 x 280 x 120mm
Single pack weight	6.7lb, 3kg
Multi pack (96) size	42.5 x 34.6 x 33.1", 1080 x 880 x 840mm
Multi pack (96) weight	656lb, 295kg



TRUVOX 1215

General Specifications

Nominal diameter	12", 305mm
Power rating	100W
Nominal impedance	8Ω
Sensitivity	95dB
Chassis type	Pressed steel
Voice coil diameter	1.5", 38.1mm
Surround material	Cloth - sealed
Magnet type	Ceramic
Magnet weight	25oz, 0.71kg
Cone material	Kevlar loaded paper
Frequency range	60-5000Hz
Resonance frequency, fs	60Hz



Thiele-Small Parameters

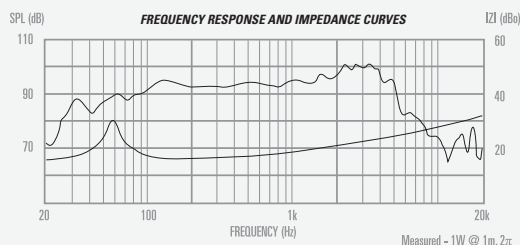
Mmt (g)	37.8
Qms	6.05
Qes	1.26
Qts	1.04
Re (Ω)	5.8
D (m)	0.26
Vas (L)	75.2
Magnet assembly flux (T)	1.20
Bl (Tm)	8.0
Cms (mm/N)	0.2
Rms (kg/s)	2.3
Xmax (mm)	2.0
f/p (mm)	6.0
coil (mm)	10.0

Mounting Information

Diameter	12.2", 309mm
Overall depth	4.9", 124mm
Cut-out diameter	11.1", 283mm
Mounting slot dimensions	0.3", 7.9mm Ø
Number of mounting slots	4
Mounting slot PCD	11.7", 297mm
Unit weight	5.3lb, 2.4kg

Packed Dimensions (W x D x H) and Weight

Single pack size	13.0 x 13.0 x 5.9", 330 x 330 x 150mm
Single pack weight	6.7lb, 3kg
Multi pack (60) size	42.5 x 38.6 x 34.6", 1080 x 980 x 880mm
Multi pack (60) weight	342lb, 154kg



TRUVOX 1218

General Specifications

Nominal diameter	12", 305mm
Power rating	100W
Nominal impedance	8Ω
Sensitivity	96dB
Chassis type	Pressed steel
Voice coil diameter	1.75", 44.5mm
Surround material	Cloth - sealed
Magnet type	Ceramic
Magnet weight	31oz, 0.88kg
Cone material	Kevlar loaded paper
Frequency range	60-4500Hz
Resonance frequency, fs	60Hz



Thiele-Small Parameters

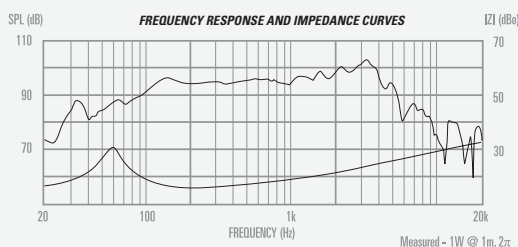
Mmt (g)	35.2
Qms	5.13
Qes	0.89
Qts	0.76
Re (Ω)	5.8
D (m)	0.26
Vas (L)	69.8
Magnet assembly flux (T)	1.20
Bl (Tm)	9.6
Cms (mm/N)	0.2
Rms (kg/s)	2.8
Xmax (mm)	2.0
f/p (mm)	6.0
coil (mm)	10.0

Mounting Information

Diameter	12.2", 309mm
Overall depth	4.9", 125mm
Cut-out diameter	11.1", 283mm
Mounting slot dimensions	0.3", 7.9mm Ø
Number of mounting slots	4
Mounting slot PCD	11.7", 297mm
Unit weight	6.0lb, 2.7kg

Packed Dimensions (W x D x H) and Weight

Single pack size	13.0 x 13.0 x 5.9", 330 x 330 x 150mm
Single pack weight	8.9lb, 4kg
Multi pack (60) size	42.5 x 38.6 x 34.6", 1080 x 980 x 880mm
Multi pack (60) weight	556lb, 250kg



TRUVOX 1218 TC

General Specifications

Nominal diameter	12", 305mm
Power rating	100W
Nominal impedance	8Ω
Sensitivity	96dB
Chassis type	Pressed steel
Voice coil diameter	1.75", 44.5mm
Surround material	Cloth - sealed
Magnet type	Ceramic
Magnet weight	50oz, 1.42kg
Cone material	Kevlar loaded paper
Frequency range	50-8000Hz
Resonance frequency, fs	56Hz



Thiele-Small Parameters

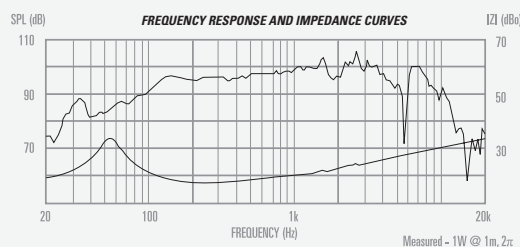
Mmt (g)	40.2
Qms	4.40
Qes	0.45
Qts	0.41
Re (Ω)	5.7
D (m)	0.26
Vas (L)	80.0
Magnet assembly flux (T)	1.40
Bl (Tm)	13.5
Cms (mm/N)	0.2
Rms (kg/s)	3.2
Xmax (mm)	1.5
f/p (mm)	8.0
coil (mm)	11.0

Mounting Information

Diameter	12.2", 309mm
Overall depth	5.3", 135mm
Cut-out diameter	11.1", 283mm
Mounting slot dimensions	0.3", 7.9mm Ø
Number of mounting slots	4
Mounting slot PCD	11.7", 297mm
Unit weight	10.4lb, 4.7kg

Packed Dimensions (W x D x H) and Weight

Single pack size	13.0 x 13.0 x 5.9", 330 x 330 x 150mm
Single pack weight	13.3lb, 6kg
Multi pack (60) size	42.5 x 38.6 x 34.6", 1080 x 980 x 880mm
Multi pack (60) weight	833lb, 375kg



TRUVOX 1220

General Specifications

Nominal diameter	12", 305mm
Power rating	150W
Nominal impedance	8Ω
Sensitivity	97dB
Chassis type	Pressed steel
Voice coil diameter	2", 50.8mm
Surround material	Cloth - sealed
Magnet type	Ceramic
Magnet weight	42oz, 1.19kg
Cone material	Kevlar loaded paper
Frequency range	60-4000Hz
Resonance frequency, fs	55Hz



Thiele-Small Parameters

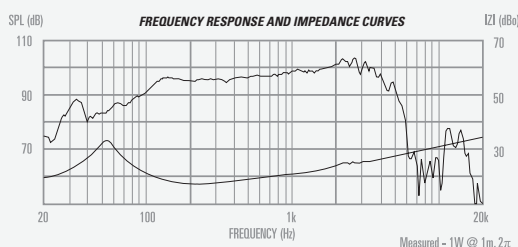
Mmt (g)	40.0
Qms	4.30
Qes	0.46
Qts	0.42
Re (Ω)	5.5
D (m)	0.26
Vas (L)	84.0
Magnet assembly flux (T)	1.22
Bl (Tm)	12.7
Cms (mm/N)	0.2
Rms (kg/s)	3.2
Xmax (mm)	2.0
f/p (mm)	8.0
coil (mm)	12.0

Mounting Information

Diameter	12.2", 309mm
Overall depth	5.2", 131mm
Cut-out diameter	11.1", 283mm
Mounting slot dimensions	0.3", 7.9mm Ø
Number of mounting slots	4
Mounting slot PCD	11.7", 297mm
Unit weight	8.9lb, 4kg

Packed Dimensions (W x D x H) and Weight

Single pack size	13.0 x 13.0 x 5.9", 330 x 330 x 150mm
Single pack weight	11.1lb, 5kg
Multi pack (60) size	42.5 x 38.6 x 34.6", 1080 x 980 x 880mm
Multi pack (60) weight	689lb, 310kg



TRUVOX 1225

General Specifications

Nominal diameter	12", 305mm
Power rating	250W
Nominal impedance	8Ω
Sensitivity	97dB
Chassis type	Pressed steel
Voice coil diameter	2.5", 63.5mm
Surround material	Cloth - sealed
Magnet type	Ceramic
Magnet weight	42oz, 1.19kg
Cone material	Kevlar loaded paper
Frequency range	50-4000Hz
Resonance frequency, fs	63Hz



Thiele-Small Parameters

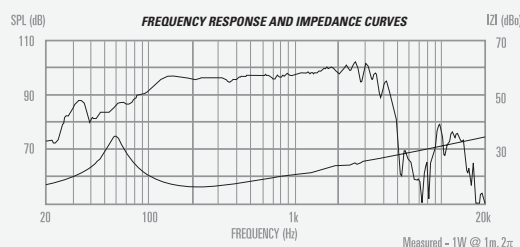
Mmt (g)	46.5
Qms	6.70
Qes	0.54
Qts	0.50
Re (Ω)	5.13
D (m)	0.26
Vas (L)	55.0
Magnet assembly flux (T)	1.20
Bl (Tm)	13.2
Cms (mm/N)	0.2
Rms (kg/s)	2.8
Xmax (mm)	2.4
f/p (mm)	8.0
coil (mm)	12.7

Mounting Information

Diameter	12.2", 309mm
Overall depth	5.1", 130mm
Cut-out diameter	11.1", 283mm
Mounting slot dimensions	0.3", 7.9mm Ø
Number of mounting slots	4
Mounting slot PCD	11.7", 297mm
Unit weight	9.1lb, 4.1kg

Packed Dimensions (W x D x H) and Weight

Single pack size	13.0 x 13.0 x 5.9", 330 x 330 x 150mm
Single pack weight	11.1lb, 5kg
Multi pack (60) size	42.5 x 38.6 x 34.6", 1080 x 980 x 880mm
Multi pack (60) weight	689lb, 310kg



TRUVOX 1225 e

General Specifications

Nominal diameter	12", 305mm
Power rating	300W
Nominal impedance	8Ω
Sensitivity	96dB
Chassis type	Pressed steel
Voice coil diameter	2.5", 63.5mm
Surround material	Cloth - sealed
Magnet type	Ceramic
Magnet weight	50oz, 1.42kg
Cone material	Kevlar loaded paper
Frequency range	50-3000Hz
Resonance frequency, fs	59Hz



Thiele-Small Parameters

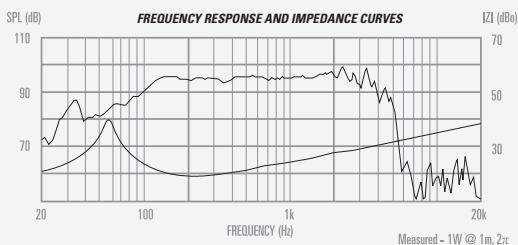
Mmt (g)	52.0
Qms	7.70
Qes	0.41
Qts	0.40
Re (Ω)	5.6
D (m)	0.26
Vas (L)	60.0
Magnet assembly flux (T)	1.17
Bl (Tm)	16.0
Cms (mm/N)	0.2
Rms (kg/s)	2.6
Xmax (mm)	3.3
f/p (mm)	8.0
coil (mm)	14.5

Mounting Information

Diameter	12.2", 309mm
Overall depth	5.1", 130mm
Cut-out diameter	11.1", 283mm
Mounting slot dimensions	0.3", 7.9mm Ø
Number of mounting slots	4
Mounting slot PCD	11.7", 297mm
Unit weight	9.8lb, 4.4kg

Packed Dimensions (W x D x H) and Weight

Single pack size	13.0 x 13.0 x 5.9", 330 x 330 x 150mm
Single pack weight	11.1lb, 5kg
Multi pack (60) size	42.5 x 38.6 x 34.6", 1080 x 980 x 880mm
Multi pack (60) weight	689lb, 310kg



TRUVOX 1525

General Specifications

Nominal diameter	15", 381mm
Power rating	250W
Nominal impedance	8Ω
Sensitivity	96dB
Chassis type	Pressed steel
Voice coil diameter	2.5", 63.5mm
Surround material	Cloth - sealed
Magnet type	Ceramic
Magnet weight	42oz, 1.19kg
Cone material	Kevlar loaded paper
Frequency range	40-3000Hz
Resonance frequency, fs	40Hz



Thiele-Small Parameters

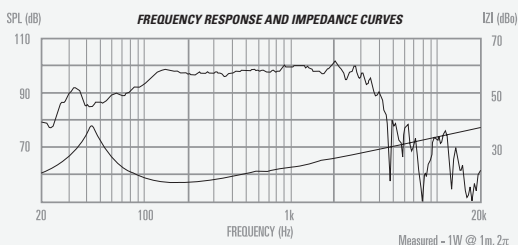
Mmt (g)	53.6
Qms	4.00
Qes	0.51
Qts	0.45
Re (Ω)	5.1
D (m)	0.33
Vas (L)	247.0
Magnet assembly flux (T)	1.20
Bl (Tm)	12.8
Cms (mm/N)	0.2
Rms (kg/s)	4.1
Xmax (mm)	2.4
f/p (mm)	8.0
coil (mm)	12.7

Mounting Information

Diameter	15.2", 385mm
Overall depth	6.0", 153mm
Cut-out diameter	13.9", 352mm
Mounting slot dimensions	0.2 x 0.4", 6.2 x 9.2mm
Number of mounting slots	8
Mounting slot PCD	14.5", 369mm
Unit weight	11.6lb, 5.2kg

Packed Dimensions (W x D x H) and Weight

Single pack size	16.1 x 16.1 x 7.1", 410 x 410 x 180mm
Single pack weight	13.3lb, 6kg
Multi pack (45) size	47.2 x 39.4 x 38.6", 1200 x 1000 x 980mm
Multi pack (45) weight	833lb, 375kg



TRUVOX 1520

General Specifications

Nominal diameter	15", 381mm
Power rating	150W
Nominal impedance	8Ω
Sensitivity	96dB
Chassis type	Pressed steel
Voice coil diameter	2", 50.8mm
Surround material	Cloth - sealed
Magnet type	Ceramic
Magnet weight	40oz, 1.13kg
Cone material	Paper
Frequency range	45-4000Hz
Resonance frequency, fs	45Hz



Thiele-Small Parameters

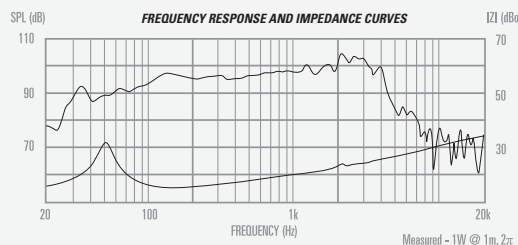
Mmt (g)	69.0
Qms	5.35
Qes	0.80
Qts	0.69
Re (Ω)	5.6
D (m)	0.33
Vas (L)	173.0
Magnet assembly flux (T)	1.20
Bl (Tm)	12.0
Cms (mm/N)	0.2
Rms (kg/s)	3.8
Xmax (mm)	3.0
f/p (mm)	6.0
coil (mm)	12.0

Mounting Information

Diameter	15.2", 385mm
Overall depth	6.2", 158mm
Cut-out diameter	13.9", 352mm
Mounting slot dimensions	0.4 x 0.2", 9.4 x 6.3mm
Number of mounting slots	8
Mounting slot PCD	14.6", 370mm
Unit weight	11.1lb, 5kg

Packed Dimensions (W x D x H) and Weight

Single pack size	16.1 x 16.1 x 7.1", 410 x 410 x 180mm
Single pack weight	12.2lb, 5.5kg
Multi pack (4) size	29.5 x 13.4 x 17.3", 750 x 340 x 440mm
Multi pack (4) weight	48.9lb, 22kg



TRUVOX 1525 e

General Specifications

Nominal diameter	15", 381mm
Power rating	300W
Nominal impedance	8Ω
Sensitivity	96dB
Chassis type	Pressed steel
Voice coil diameter	2.5", 63.5mm
Surround material	Cloth - sealed
Magnet type	Ceramic
Magnet weight	50oz, 1.42kg
Cone material	Kevlar loaded paper
Frequency range	45-3500Hz
Resonance frequency, fs	44Hz



Thiele-Small Parameters

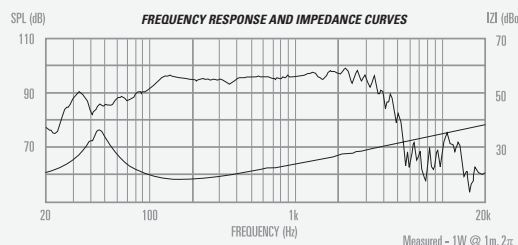
Mmt (g)	75.0
Qms	7.85
Qes	0.44
Qts	0.41
Re (Ω)	5.6
D (m)	0.33
Vas (L)	175.0
Magnet assembly flux (T)	1.17
Bl (Tm)	16.4
Cms (mm/N)	0.2
Rms (kg/s)	3.2
Xmax (mm)	3.3
f/p (mm)	8.0
coil (mm)	14.5

Mounting Information

Diameter	15.2", 385mm
Overall depth	6.4", 163mm
Cut-out diameter	13.9", 352mm
Mounting slot dimensions	0.2 x 0.4", 6.2 x 9.2mm
Number of mounting slots	8
Mounting slot PCD	14.5", 369mm
Unit weight	10.7lb, 4.8kg

Packed Dimensions (W x D x H) and Weight

Single pack size	16.1 x 16.1 x 7.1", 410 x 410 x 180mm
Single pack weight	12.2lb, 5.5kg
Multi pack (45) size	47.2 x 39.4 x 38.6", 1200 x 1000 x 980mm
Multi pack (45) weight	551lb, 249kg



**TRUVOX 1530****General Specifications**

Nominal diameter	15", 381mm
Power rating	400W
Nominal impedance	8Ω
Sensitivity	99dB
Chassis type	Pressed steel
Voice coil diameter	3", 76.2mm
Surround material	Cloth - sealed
Magnet type	Ceramic
Magnet weight	.86oz, 2.44kg
Cone material	Kevlar loaded paper
Frequency range	40-3000Hz
Resonance frequency, fs	42Hz

**Thiele-Small Parameters**

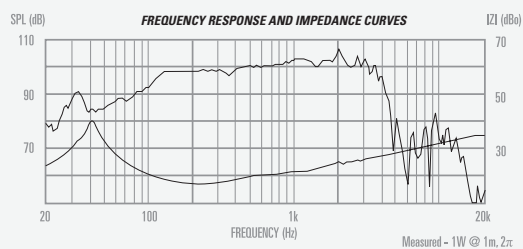
Mmt (g)	82.0
Qms	6.50
Qes	0.35
Qts	0.33
Re (Ω)	5.56
D (m)	0.33
Vas (L)	201.0
Magnet assembly flux (T)	1.28
Bl (Tm)	17.5
Cms (mm/N)	0.2
Rms (kg/s)	2.9
Xmax (mm)	2.0
f/p (mm)	8.0
coil (mm)	12.0

Mounting Information

Diameter	15.2", 385mm
Overall depth	6.4", 163mm
Cut-out diameter	13.9", 352mm
Mounting slot dimensions	0.2 x 0.4", 6.2 x 9.2mm
Number of mounting slots	8
Mounting slot PCD	14.5", 369mm
Unit weight	13.6lb, 6.1kg

Packed Dimensions (W x D x H) and Weight

Single pack size	16.1 x 16.1 x 7.1", 410 x 410 x 180mm
Single pack weight	17.8lb, 8kg
Multi pack (45) size	47.2 x 39.4 x 38.6", 1200 x 1000 x 980mm
Multi pack (45) weight	822lb, 370kg





CDX

The CDX range of high frequency compression drivers consistently yield outstanding performances. Extensive use has been made of FEA (Finite Element Analysis) to examine the behaviour of sound waves within the compression driver to create a new design topology that produces a more coherent wavefront at the compression driver exit.

Fully specified to deliver an exacting and dynamic frequency response, CDX compression drivers deliver the optimum balance between performance, efficiency, weight and cost and meet the needs of a broad range of applications. They represent a high-quality, yet cost-effective solution for reinforcement system builders.

The latest introduction is the CDX1-1430 - a lightweight unit featuring a neodymium magnet. This driver incorporates an aluminium heat sink carefully designed to conduct heat rapidly away from the magnet to achieve an impressive 50Wrms power handling from an extremely lightweight (approx. 500g) device.

CDX1-1415

- 20Wrms power handling capability
- 104dB sensitivity, 8Ω impedance
- Features lightweight Neodymium magnet
- FEA designed magnet assembly, phase plug and diaphragm assembly
- Suitable for 2-way and 3-way systems



General Specifications

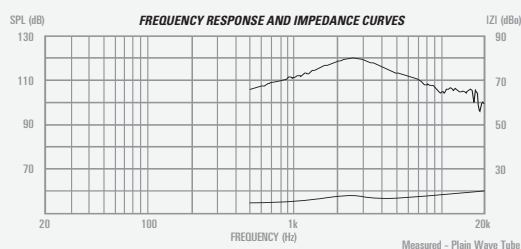
Power rating	20W
Nominal impedance	8Ω
Frequency range	2000-20000Hz
Sensitivity	104dB
Minimum crossover	3000Hz, 12dB/octave
Voice coil diameter	1.4", 35.6
Diaphragm material	Aluminium
Magnet material	Neodymium

Mounting Information

Width	3.5", 90mm
Depth	2.2", 57mm
Weight	8.8oz, 0.25kg
M6 holes on PCD	2 holes on 3", 76mm
Universal throat exit / diameter	1", 25.4mm

Packed Dimensions (W x D x H) and Weight

Single pack size	3.5 x 3.5 x 2.4", 90 x 90 x 60mm
Single pack weight	2.2lb, 1kg
Multi pack (24) size	9.8 x 13.8 x 11.4", 250 x 350 x 290mm
Multi pack (24) weight	15.6lb, 7kg



CDX1-1425

- 25Wrms power handling capability
- 108dB sensitivity, 8Ω impedance
- Features lightweight Neodymium magnet
- FEA designed magnet assembly, phase plug and diaphragm assembly
- Suitable for 2-way and 3-way systems



General Specifications

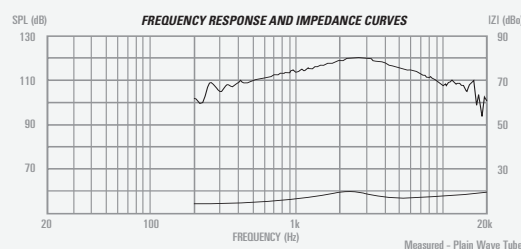
Power rating	25W
Nominal impedance	8Ω
Frequency range	2000-20000Hz
Sensitivity	108dB
Minimum crossover	3000Hz, 12dB/octave
Voice coil diameter	1.4", 35.6mm
Diaphragm material	Aluminium
Magnet material	Neodymium

Mounting Information

Width	3.5", 90mm
Depth	2.3", 58mm
Weight	13.8oz, 0.39kg
M6 holes on PCD	2 holes on 3", 76mm
Universal throat exit / diameter	1", 25.4mm

Packed Dimensions (W x D x H) and Weight

Single pack size	3.5 x 3.5 x 2.4", 90 x 90 x 60mm
Single pack weight	2.2lb, 1kg
Multi pack (24) size	9.8 x 13.8 x 11.4", 250 x 350 x 290mm
Multi pack (24) weight	22.2lb, 10kg



CDX1-1430

- 50Wrms power handling capability
- 108dB sensitivity, 8Ω impedance
- Incorporates aluminium heat sink for rapid cooling
- Features lightweight Neodymium magnet
- Suitable for 2-way and 3-way systems



General Specifications

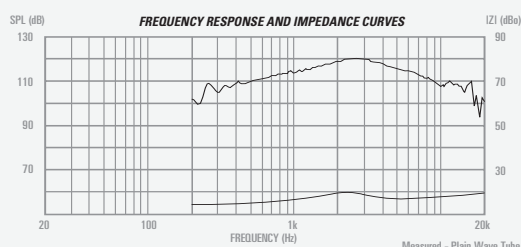
Power rating	50W
Nominal impedance	8Ω
Frequency range	2000-20000Hz
Sensitivity	108dB
Minimum crossover	3000Hz, 12dB/octave
Voice coil diameter	1.4", 35.6mm
Diaphragm material	Aluminium
Magnet material	Neodymium

Mounting Information

Width	3.5", 90mm
Depth	2.9", 74mm
Weight	16.6oz, 0.47kg
M6 holes on PCD	2 holes on 3", 76mm
Universal throat exit / diameter	1", 25.4mm

Packed Dimensions (W x D x H) and Weight

Single pack size	3.5 x 3.5 x 2.4", 90 x 90 x 60mm
Single pack weight	2.2lb, 1kg
Multi pack (24) size	13.6 x 14.6 x 9.6", 345 x 370 x 245mm
Multi pack (24) weight	27.8lb, 12.5kg



CDX1-1745

- 75Wrms power handling capability
- 110dB sensitivity, 8Ω impedance
- Features proprietary Sound Castle™ clamping, ensuring even pressure on diaphragm assembly
- Supercedes the earlier CDX1-1750 model
- Suitable for 2-way and 3-way systems



General Specifications

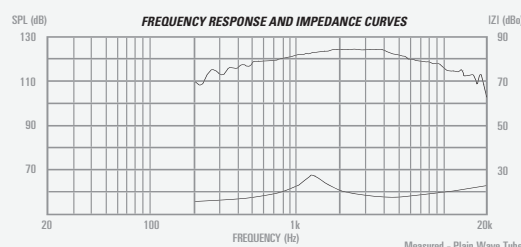
Power rating	75W
Nominal impedance	8Ω
Frequency range	1200-20000Hz
Sensitivity	110dB
Minimum crossover	2200Hz, 12dB/octave
Voice coil diameter	1.75", 44.5mm
Diaphragm material	PETP film
Magnet material	Ceramic

Mounting Information

Width	4.7", 120mm
Depth	2.2", 56mm
Weight	81.1oz, 2.3kg
M6 holes on PCD	2/3 holes on 3", 76/57mm
Universal throat exit / diameter	1", 25.4mm

Packed Dimensions (W x D x H) and Weight

Single pack size	5.5 x 6.7 x 2.8", 140 x 170 x 70mm
Single pack weight	6.6lb, 3kg
Multi pack (6) size	16.9 x 14.6 x 3.5", 430 x 370 x 90mm
Multi pack (6) weight	31.1lb, 14kg



HORNS

Complementing the range of compression drivers is a series of horn flares.

H1-7050 'NoBell'

Mechanical Specifications

Horn type	Exponential
Radiation pattern	70° x 50°
Cut-off frequency	1.5kHz
Horn material	Cast aluminium

Physical Attributes

Height	7.1", 180mm
Width	7.1", 180mm
Depth	3.5", 90mm
Weight	1.6lb, 0.7kg

Mounting Information

Universal throat exit diameter	1", 25.4mm Ø
Baffle cut-out	6.1", 155mm Ø
Mounting detail (M6 holes on PCD)	2 holes on 3", 76mm

Packed Dimensions (W x D x H) and Weight

Multi pack (24) size	15.4 x 15.4 x 22.0", 390 x 390 x 560mm
Multi pack (24) weight	40.0lb, 18kg

The H1-7050 'NoBell' horn flare contains embedded elastomer side panels to make it acoustically inert.



H1-9040

Mechanical Specifications

Horn type	Exponential
Radiation pattern	90° x 40°
Cut-off frequency	1.5kHz
Horn material	Cast aluminium

Physical Attributes

Height	5.6", 143mm
Width	12.2", 310mm
Depth	4.9", 124mm
Weight	2.0lb, 0.9kg

Mounting Information

Universal throat exit diameter	1", 25.4mm Ø
Baffle cut-out	4.5 x 9.8", 115 x 250mm
Mounting detail (M6 holes on PCD)	2 holes on 3", 76mm

Packed Dimensions (W x D x H) and Weight

Single pack size	13.8 x 4.7 x 4.7", 350 x 120 x 120mm
Single pack weight	3.3lb, 1.5kg
Multi pack (4) size	14.2 x 21.3 x 7.1", 360 x 540 x 180mm
Multi pack (4) weight	13.3lb, 6kg



H1-9040P

Mechanical Specifications

Horn type	Exponential
Radiation pattern	90° x 40°
Cut-off frequency	1.5kHz
Horn material	Plastic

Physical Attributes

Height	7.8", 199mm
Width	12.5", 318mm
Depth	8.2", 208mm
Weight	1.5lb, 0.66kg

Mounting Information

Universal throat exit diameter	1", 25.4mm Ø
Baffle cut-out	6.7 x 10.6", 170 x 270mm
Mounting detail (M6 holes on PCD)	2 holes on 3", 76mm*

Packed Dimensions (W x D x H) and Weight

Multi pack (10) size	25.6 x 19.7 x 9.4", 650 x 500 x 240mm
Multi pack (10) weight	22.2lb, 10kg

*3 hole option



H1-9060

Mechanical Specifications

Horn type	Exponential
Radiation pattern	90° x 60°
Cut-off frequency	1.0kHz
Horn material	Cast aluminium

Physical Attributes

Height	5.4", 138mm
Width	5.9", 150mm
Depth	3.5", 89mm
Weight	1.2lb, 0.55kg

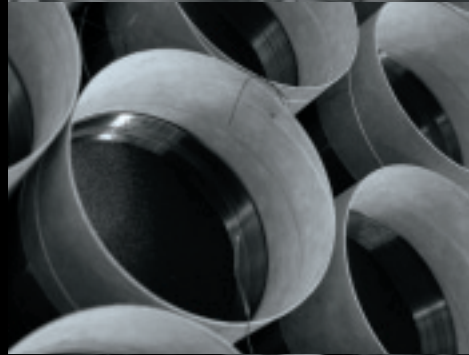
Mounting Information

Universal throat exit diameter	1", 25.4mm Ø
Baffle cut-out	4.3 x 4.7", 110 x 120mm
Mounting detail (M6 holes on PCD)	2 holes on 3", 76mm

Packed Dimensions (W x D x H) and Weight

Single pack size	6.3 x 6.3 x 3.9", 160 x 160 x 100mm
Single pack weight	2.2lb, 1kg





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