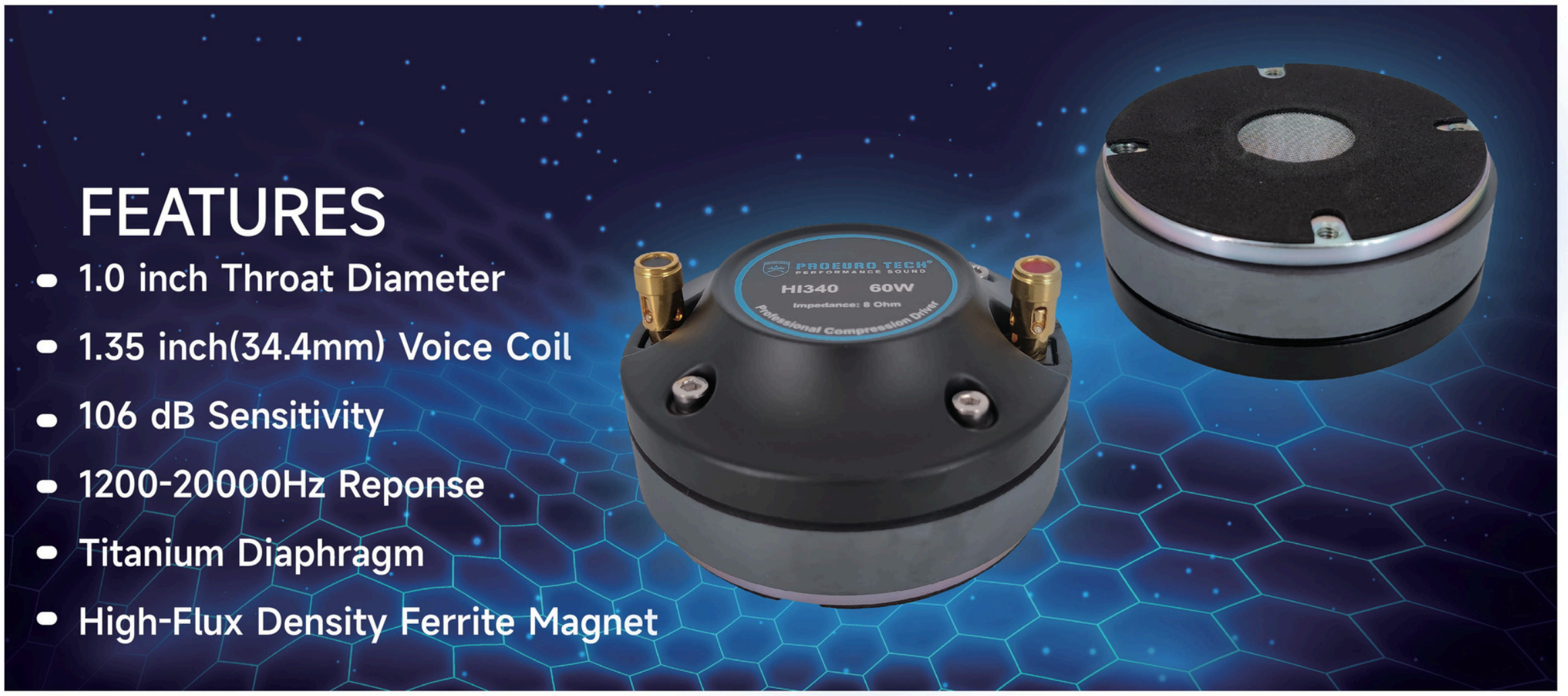
# PROEURO TECH®
PERFORMANCE SOUND

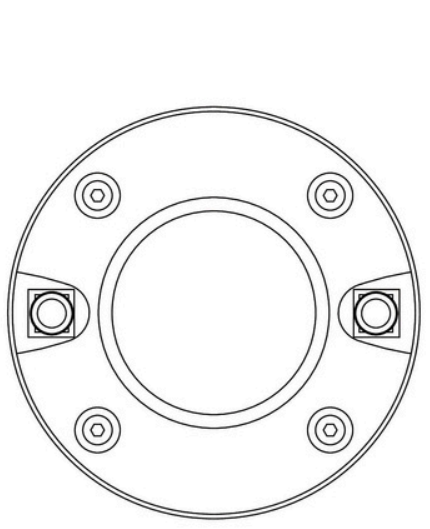
# HI340

## HF Drivers 1.0 inches

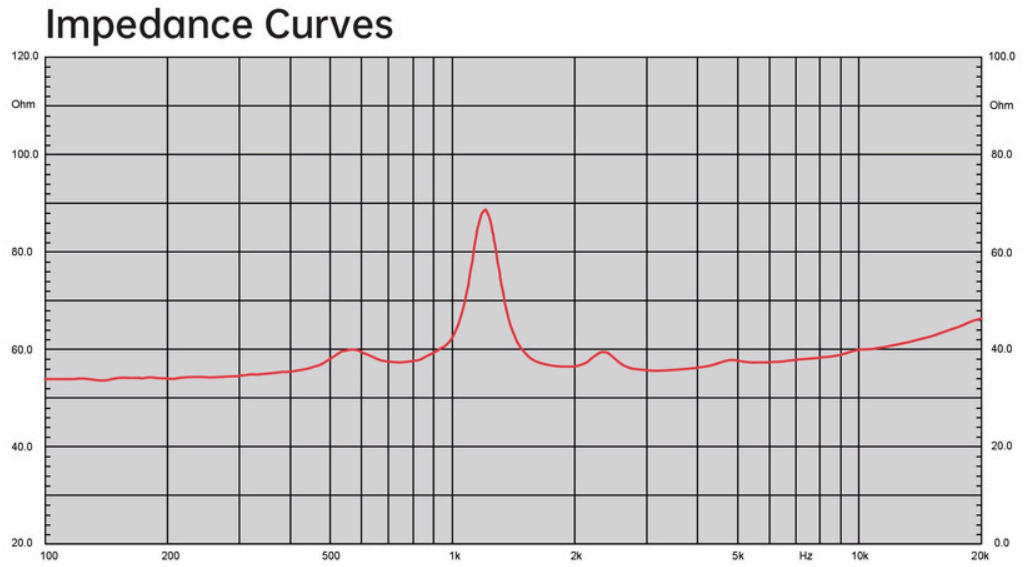



## SPECIFICATIONS

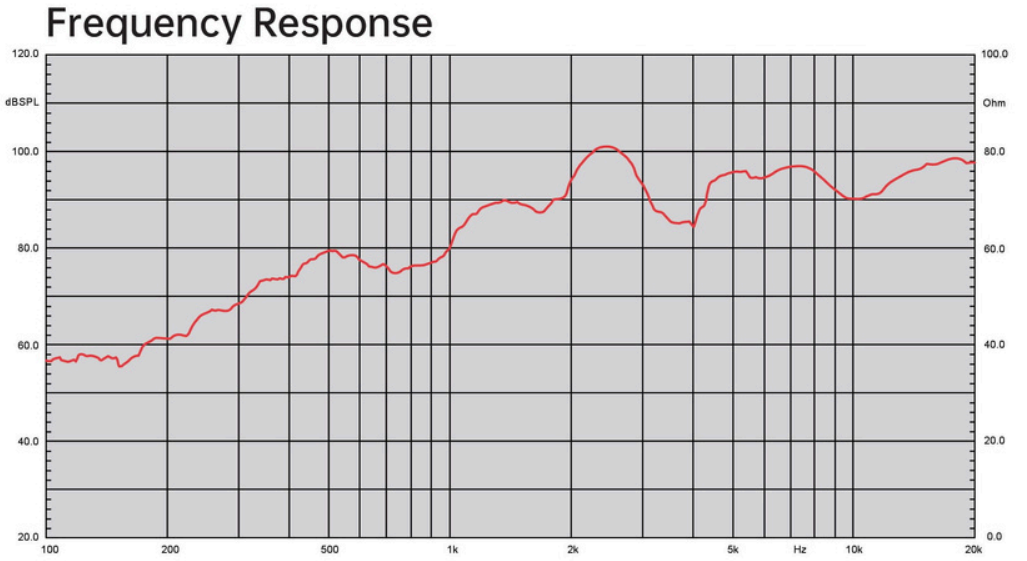
| | |
|---|---|
| Throat Diameter | 1 inch(25 mm) |
| Diaphragm Diameter | 1.35 inch(34.4mm) |
| Nominal impedance | 8 Ohm |
| Voice Coil DC Resistance | 6 Ohm |
| Power Handling | 60 Watt |
| Sound Pressure Level (Loaded with 90 x 40 Horn) | 106 dB |
| Frequency range | 1200-20000Hz |
| Mounting Type | Bolt-on |
| Magnet Type | Ferrite |
| Magnet Size | 90X45X15mm |
| Diaphragm Material | Titanium |
| Recommended Crossover | 1.2kHz or higher (12dB/Oct slope) |
| Net Weight | 0.96 kg/pc |
| Gross Weight | 11 kg/ctn 12pcs/ctn |
| Packing Dimension WxDxH(mm) | 297x202x130mm |




### Impedance Curves



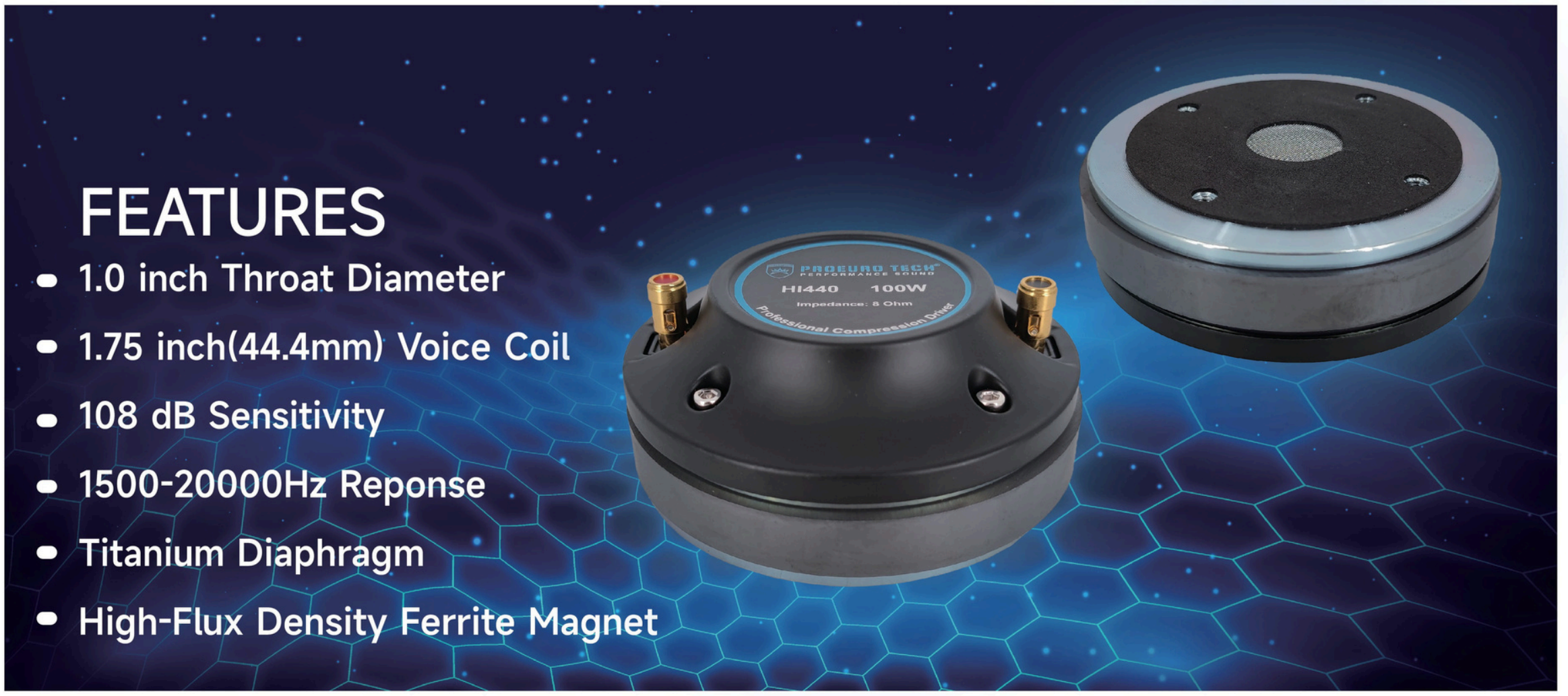

### Frequency Response



# PROEURO TECH®
PERFORMANCE SOUND

# HI440

## HF Drivers 1.0 inches

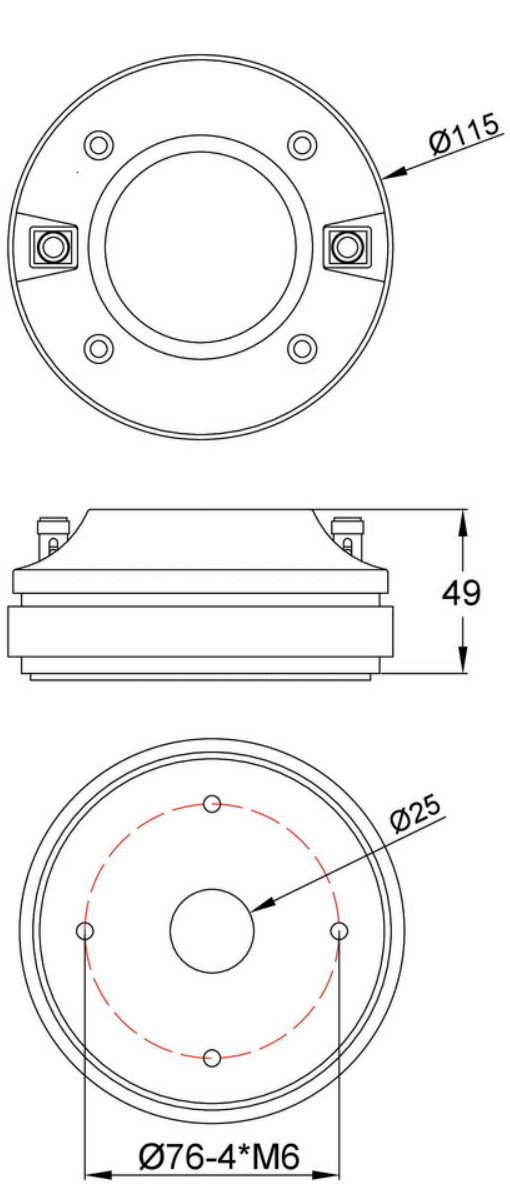



## FEATURES

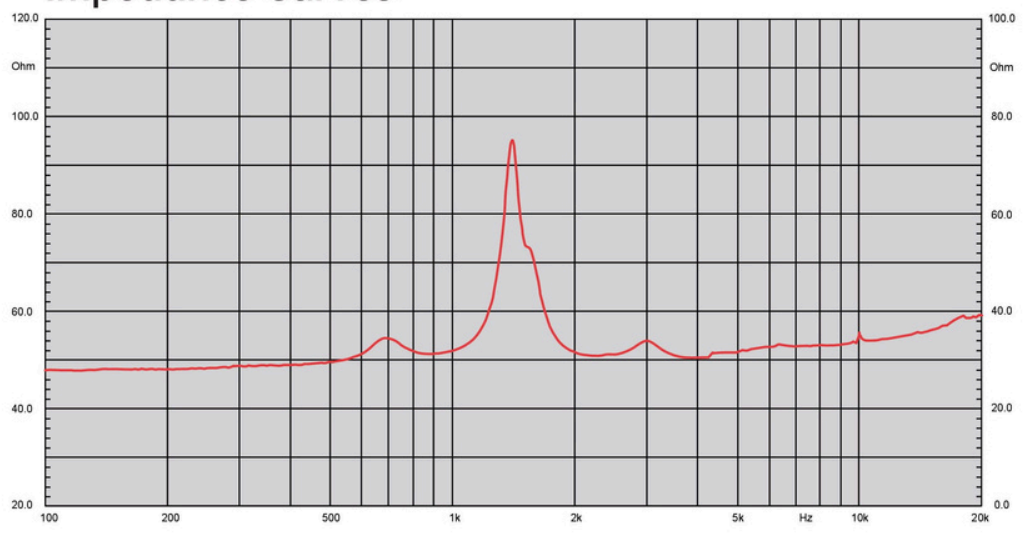
- 1.0 inch Throat Diameter
- 1.75 inch(44.4mm) Voice Coil
- 108 dB Sensitivity
- 1500-20000Hz Reponse
- Titanium Diaphragm
- High-Flux Density Ferrite Magnet

## SPECIFICATIONS

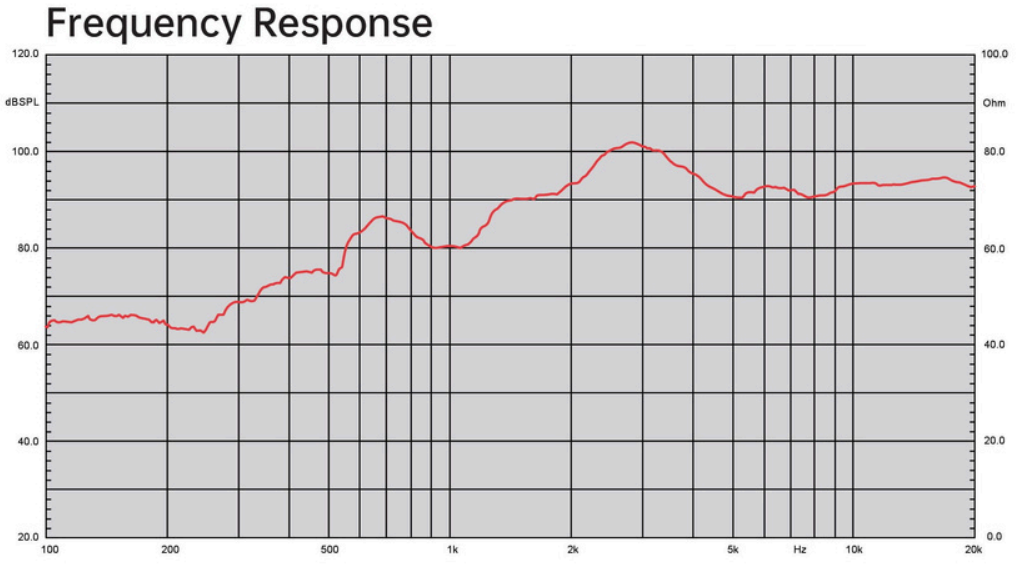
| | |
|---|---|
| Throat Diameter | 1.0 inch(25.4 mm) |
| Diaphragm Diameter | 1.75 inch(44.4mm) |
| Nominal impedance | 8 Ohm |
| Voice Coil DC Resistance | 6 Ohm |
| Power Handling | 100 Watt |
| Sound Pressure Level (Loaded with 90 x 40 Horn) | 108 dB |
| Frequency range | 1500-20000Hz |
| Mounting Type | Bolt-on |
| Magnet Type | Ferrite |
| Magnet Size | 115X60X15mm |
| Diaphragm Material | Titanium |
| Recommended Crossover | 1.5kHz or higher (12dB/Oct slope) |
| Net Weight | 1.5 kg/pc |
| Gross Weight | 18 kg/ctn 12pcs/ctn |
| Packing Dimension WxDxH(mm) | 375x255x132mm |




### Impedance Curves




### Frequency Response



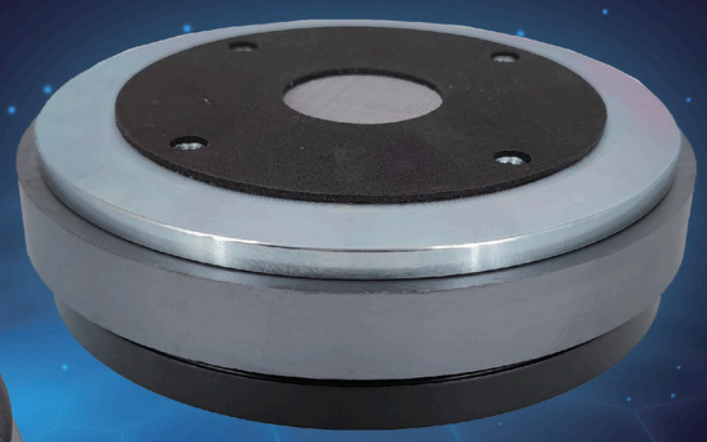
# PROEURO TECH®
PERFORMANCE SOUND

# HI750

## HF Drivers 1.5 inches

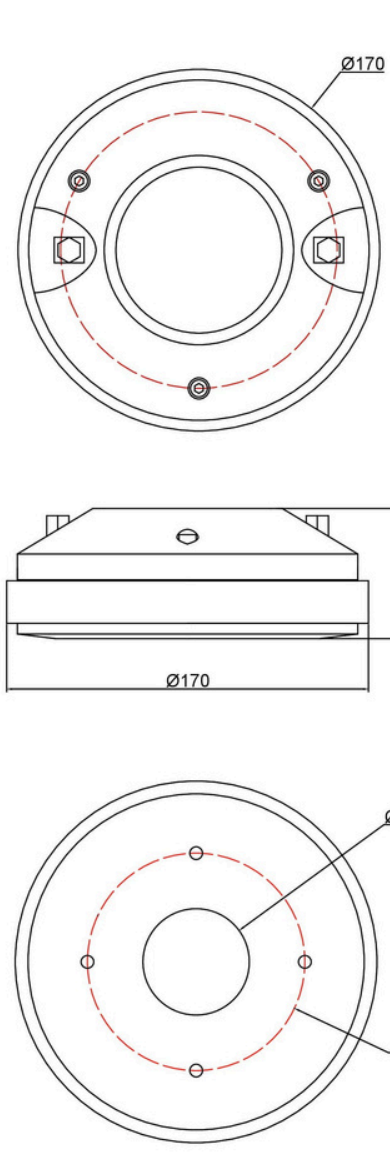
## FEATURES

- 1.5 inch Throat Diameter
- 3 inch(75mm) Voice Coil
- 108 dB Sensitivity
- 800-20000Hz Reponse
- Titanium Diaphragm
- High-Flux Density Ferrite Magnet

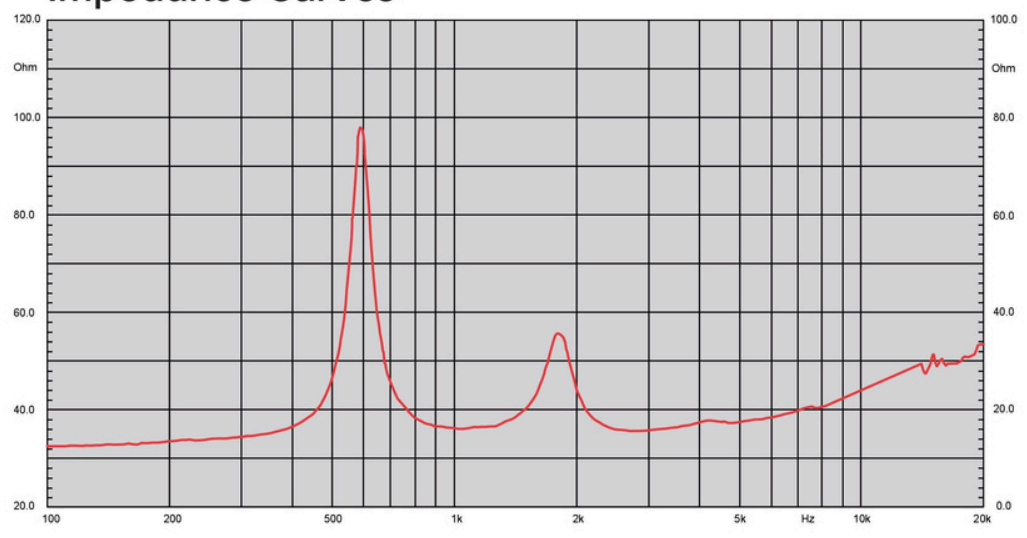



## SPECIFICATIONS

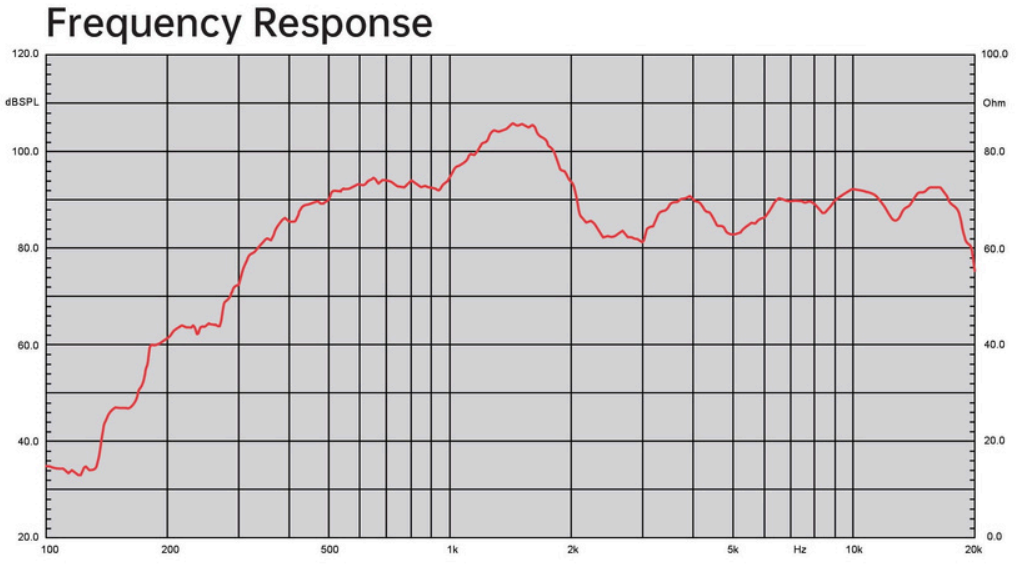
| | |
|---|---|
| Throat Diameter | 1.5 inch(36 mm) |
| Diaphragm Diameter | 3 inch(75.5mm) |
| Nominal impedance | 8 Ohm |
| Voice Coil DC Resistance | 5.6 Ohm |
| Power Handling | 500 Watt |
| Sound Pressure Level (Loaded with 90 x 40 Horn) | 110 dB |
| Frequency range | 800-20000Hz |
| Mounting Type | Bolt-on |
| Magnet Type | Ferrite |
| Magnet Size | 170X85X20mm |
| Diaphragm Material | Titanium |
| Recommended Crossover | 0.8kHz or higher (12dB/Oct slope) |
| Net Weight | 4.73kg/pc |
| Gross Weight | 19kg/ctn 4pcs/ctn |
| Packing Dimension WxDxH(mm) | 393x203x195mm |




### Impedance Curves




### Frequency Response



# PROEURO TECH®
PERFORMANCE SOUND

# HN440

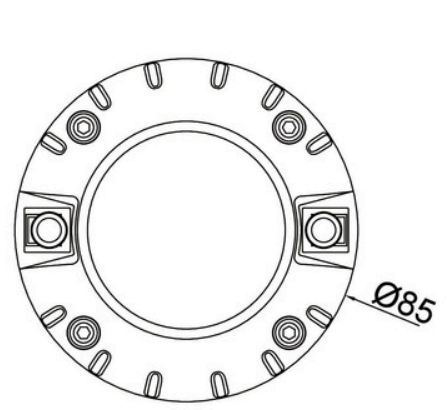
## HF Drivers 1.0 inches

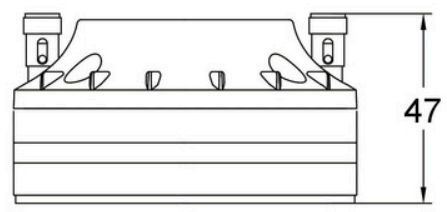

## FEATURES

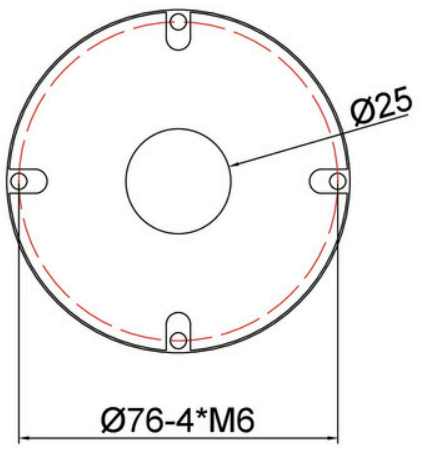
- 1.0 inch Throat Diameter
- 1.75 inch(44.4mm) Voice Coil
- 108 dB Sensitivity
- 1800-18000Hz Reponse
- Titanium Diaphragm
- High-Flux Density Neodymium Magnet

## SPECIFICATIONS

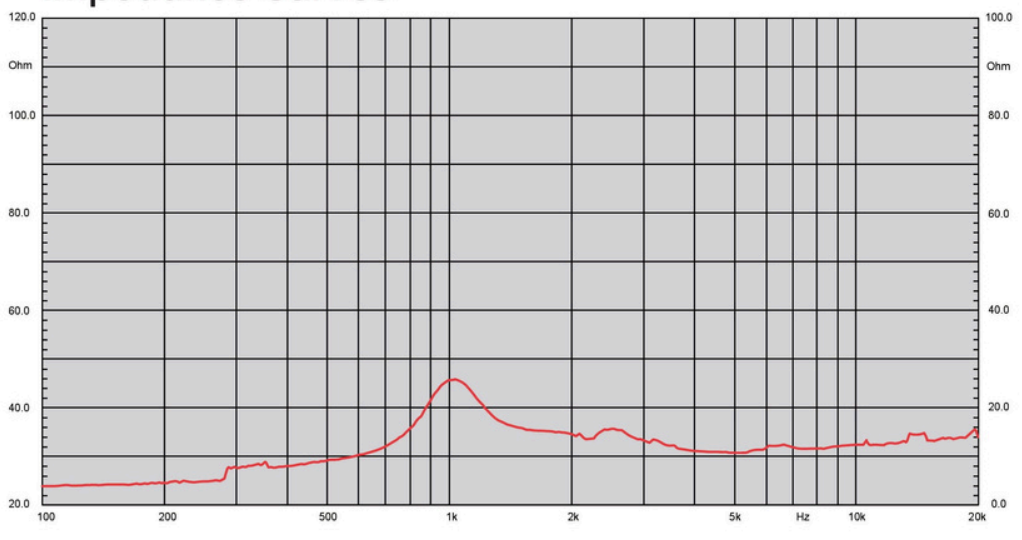
| | |
|---|---|
| Throat Diameter | 1.0 inch(25.4 mm) |
| Diaphragm Diameter | 1.75 inch(44.4mm) |
| Nominal impedance | 8 Ohm |
| Voice Coil DC Resistance | 5.6 Ohm |
| Power Handling | 100 Watt |
| Sound Pressure Level (Loaded with 90 x 40 Horn) | 108 dB |
| Frequency range | 1800-18000Hz |
| Mounting Type | Bolt-on |
| Magnet Type | Neodymium |
| Magnet Size | 85X56X5mm |
| Diaphragm Material | Titanium |
| Recommended Crossover | 1500Hz or higher (12dB/Oct slope) |
| Net Weight | 0.9 kg/pc |
| Gross Weight | 11.3 kg/ctn 12pcs/ctn |
| Packing Dimension WxDxH(mm) | 28x18.5x12cm |



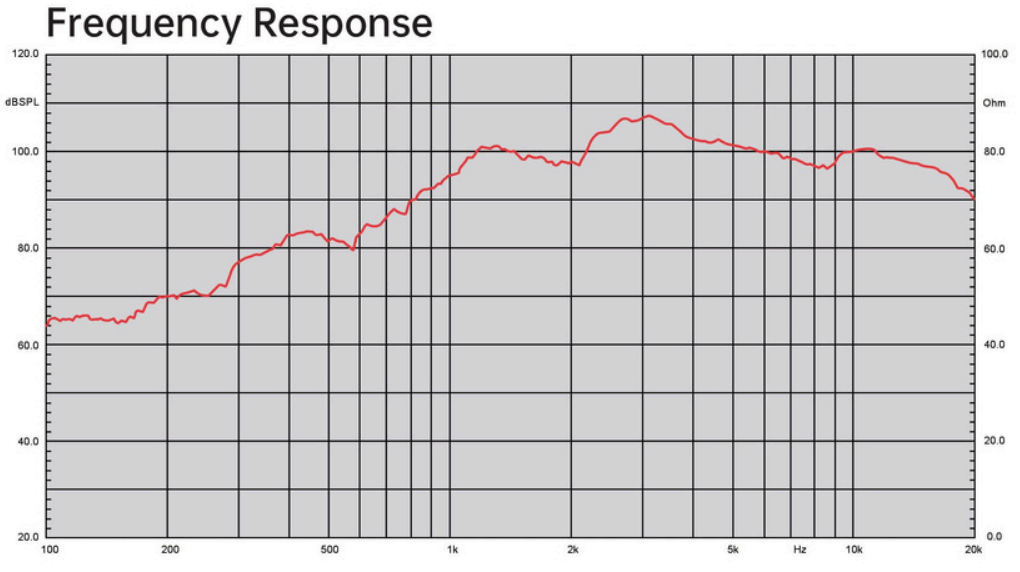




### Impedance Curves



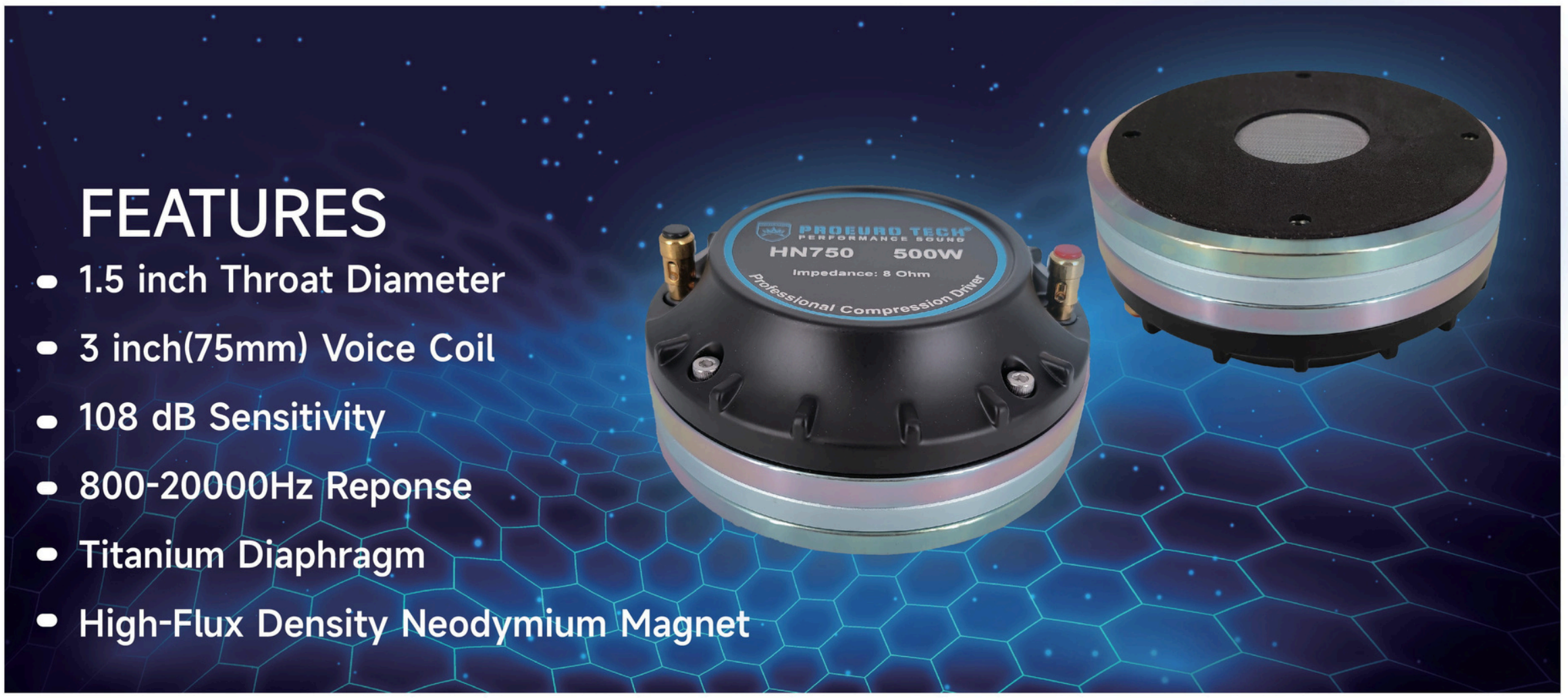

### Frequency Response



# PROEURO TECH®
PERFORMANCE SOUND

# HN750

## HF Drivers 1.5 inches

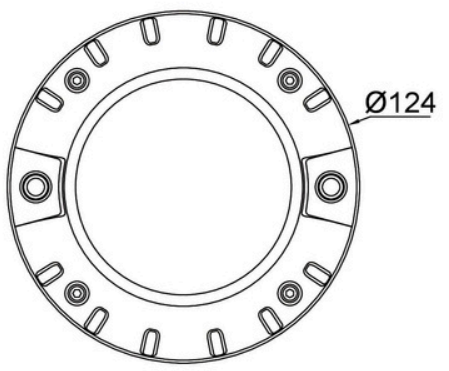


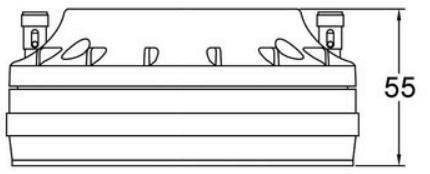

## FEATURES

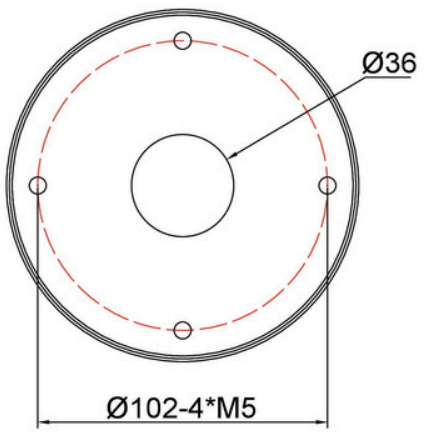
- 1.5 inch Throat Diameter
- 3 inch(75mm) Voice Coil
- 108 dB Sensitivity
- 800-20000Hz Reponse
- Titanium Diaphragm
- High-Flux Density Neodymium Magnet

## SPECIFICATIONS

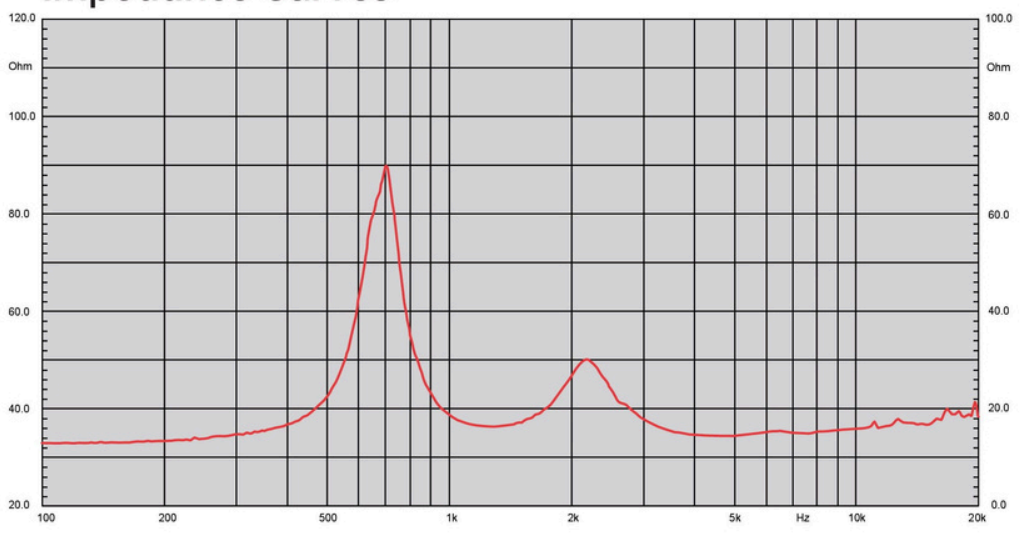
| | |
|---|---|
| Throat Diameter | 1.5 inch(36 mm) |
| Diaphragm Diameter | 3 inch(75mm) |
| Nominal impedance | 8 Ohm |
| Voice Coil DC Resistance | 5.8 Ohm |
| Power Handling | 500 Watt |
| Sound Pressure Level (Loaded with 90 x 40 Horn) | 108 dB |
| Frequency range | 800-20000Hz |
| Mounting Type | Bolt-on |
| Magnet Type | Neodymium |
| Magnet Size | 124X80X8mm |
| Diaphragm Material | Titanium+PEK |
| Recommended Crossover | 1kHz or higher (12dB/Oct slope) |
| Net Weight | 2.2 kg/pc |
| Gross Weight | 14kg/ctn 6pcs/ctn |
| Packing Dimension WxDxH(mm) | 390x265x85mm |



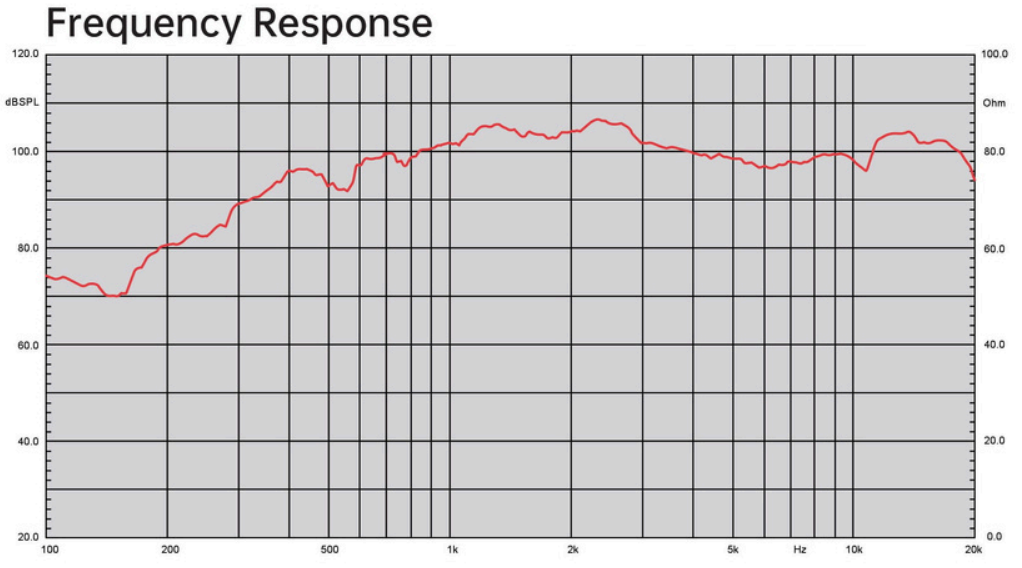




### Impedance Curves




### Frequency Response



PROEURO TECH®
PERFORMANCE SOUND

# PW-1276A8

## 12"-500W WOOFER

**KEY FEATURES**

500W AES Power Handling
76mm( 3in) copper–clad aluminium voice coil
56–3.5 K Hz response
98dB SPL
Special patent paper Cone

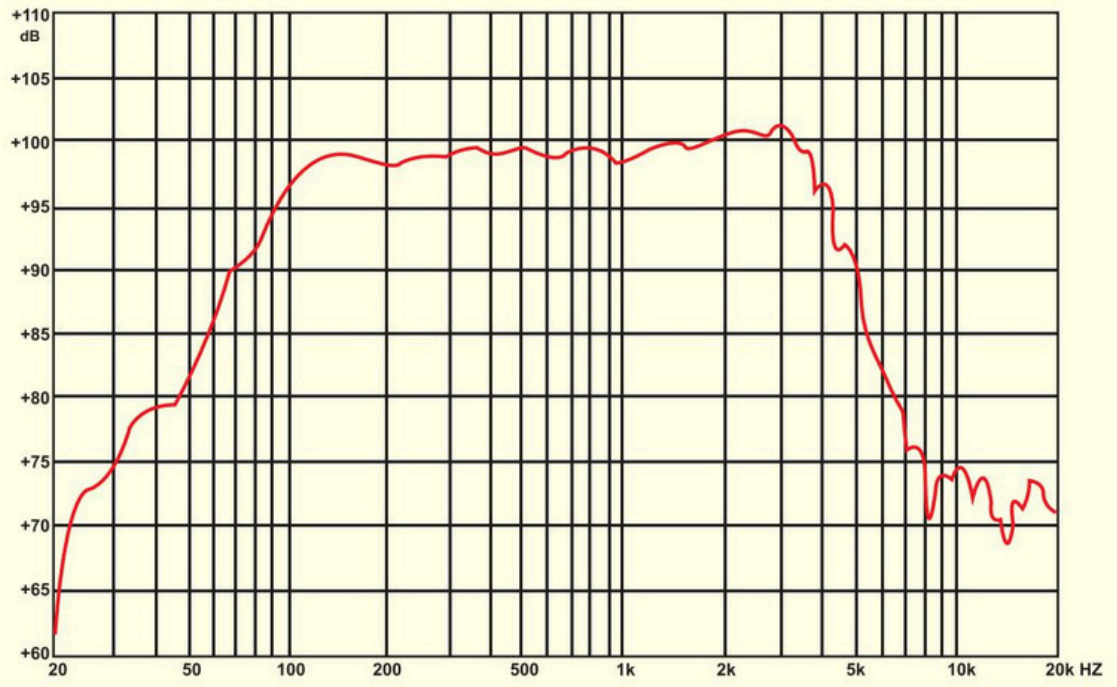
| TYPICAL CHARACTERISTICS | | | |
|---|---|---|---|
| Nominal Diameter | – | mm | 313 |
| Rated impedance | – | Ω | 8 |
| Half space sensitivity (1w@1m) | – | dB SPL | 98 |
| Usable freq. range | – | Hz | 56–3500 |
| AES Power handling (1) | – | W | 500 |
| Maximum Power Handling (2) | – | W | 1000 |
| Magnet Diameter | – | mm | 190 |
| Voice Coil Diameter | – | mm | 76 |
| BL product | BL | N/A | 20.6 |

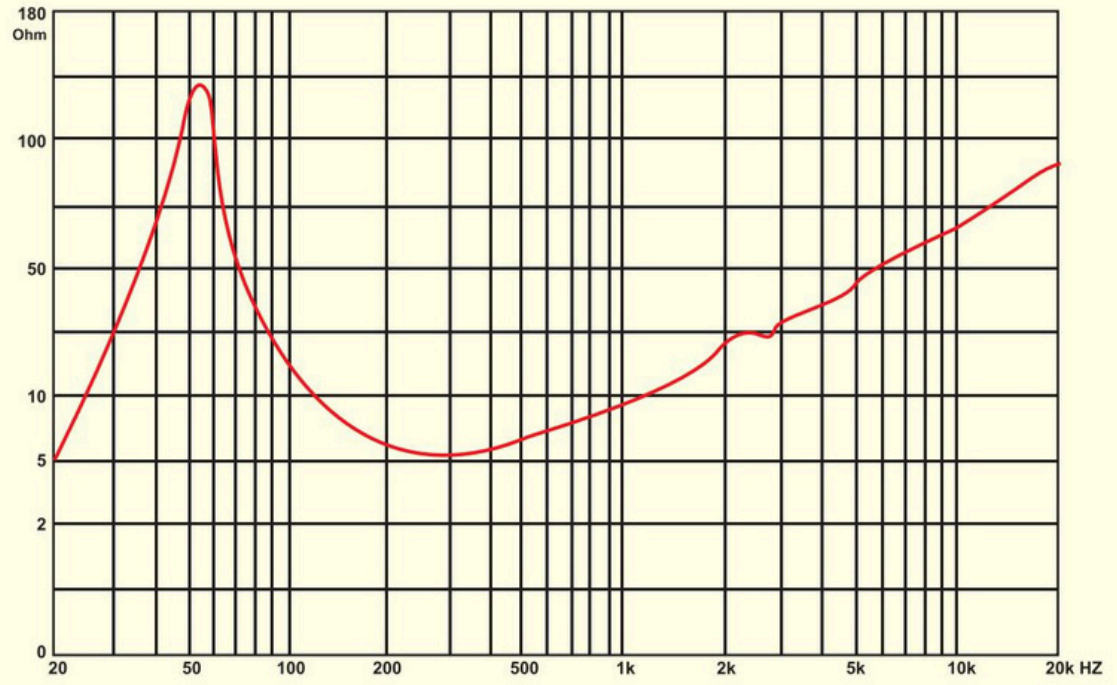
| THIELE-SMALL PARAMETERS: TYPICAL (QC LIMITS) | | | |
|---|---|---|---|
| Resonance frequency | Fs | Hz | 56( ± 6) |
| DC Resistance | Re | Ω | 5.5( ± 0.5) |
| Mechanical quality factor | Qms | 1 | 4.1 |
| Electrical quality factor | Qes | 1 | 0.30 |
| Total quality factor | Qts | 1 | 0.29 |
| Max linear excursion | Xmax | ± mm | 6 |
| Reference efficiency | h0 | % | 3.8 |

| MOUNTING AND SHIPPING INFORMATION | |
|---|---|
| Overall Diameter | 313 mm |
| Bolt Circle Diameter | 295 mm |
| Baffle Cutout Diameter | 283 mm |
| Depth | 141 mm |
| Net Weight | 5.2 kg |
| Shipping Weight | 5.6 kg |
| Shipping Box | 323x323x151 mm |

**NOTE:**
(1) 2 Hours Test According to AES 2–1984 Rev. 2003
(2) Maximum power is defined as 3dB greater than nominal power

| ABSOLUTE MAXIMUM RATINGS | | | |
|---|---|---|---|
| Short term max. input voltage | Vmax | V | 60 |
| Max.excursion before damage | Xdam | ± mm | 13 |
| Ambient operating temperature | Ta | ℃ | –10 to +50 |
| Storage temperature | – | ℃ | –20 to +70 |
| Environemental withstanding Q | – | – | Outdoor |



PROEURO TECH®
PERFORMANCE SOUND

# PW-1804X

## Specifications

GENERAL SPECIFICATIONS

| | |
|---|---|
| Nominal Impedance | 8 Ω |
| Power | 2000 Watt (rms) |
| SPL 1W@1M average sensitivity | 98 dB |
| Frequency Response | 35Hz - 1000Hz |
| Dimension Ø x H (cm) | 46 x 10.7 |
| Net Weight | 12.20 kg (26.84bs) |
| Shipping Weight | 13.60 kg (29.92 lbs) |
| Packing Dimension H x W x D (cm) | 51 x 51 x 25.5cm<br>20" x 20" x 10" |

PHYSICAL SPECIFICATIONS

| | |
|---|---|
| Magnet type | Ferrite |
| Voice Coil Diameter | 101.6 mm (4 inch) |

THIELE/SMALL PARAMETERS

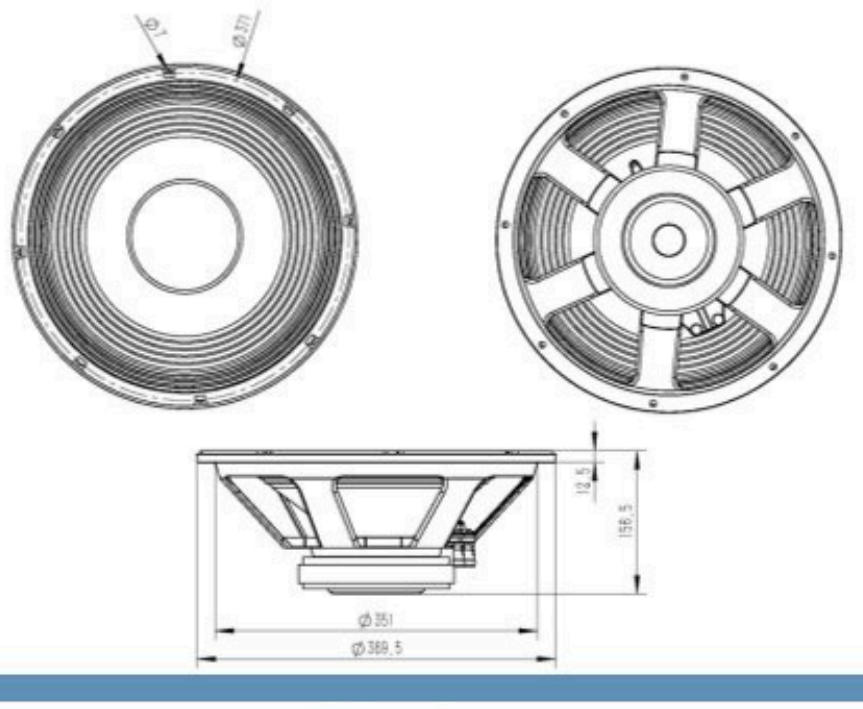
| | | |
|---|---|---|
| Resonance Frequency | Fs | 35 Hz |
| DC. Resistance | Re | 5.1 Ω |
| Coil Inductance | Le | 1.07 mH |
| Mechanical Q Factor | Qms | 7.29 |
| Electrical Q Factor | Qes | 0.40 |
| Total Q Factor | Qts | 0.38 |
| BL Product | BL | 22.86 Tm |
| Effective Moving Mass | Mms | 197.8 g |
| Equivalent Cas Air-Load | Vas | 256.39 Liters |
| Effective Piston Area | Sd | 0.123 Sqm |
| Half-Space Efficiency | Eff | 2.19 % |
| Airgap Height | Hag | 12.0 mm |
| Voice Coil Height | Hvc | 25.0 mm |
| Voice Coil Overhang | Xmax | 6.5 mm |

## Applications

PW-1PW-1804X has been designed specifically for both direct radiator and horn loaded mid bass applications. This PW Series design has been optimized for use in the critical 35Hz to 1000Hz vocal range and is an ideal choice for professional level three way designs. A typical 18 inch design must offer both good bandwidth, down to 60Hz, and good efficiency. The PW-1804X has all of its performance designed into the 125Hz and above range. This means that the efficiency can be optimized for this frequency range. High efficiency means that lower electrical power levels are required, thus improving both system relia- bility and reducing power compression.

The PW-1804X is a 18 inch (460mm) diameter design that employs very high energy product Neodymium magnetics to proved extremely high conversion efficiency. The medium format 4 inch (101.6mm) voice coil design is an edge wound rectangular aluminum design to further maximize efficiency. Because weight is critical for portable systems or flown/suspended designs, the PW-1804X features a die cast aluminum chassis as well as the Ferrite magnet structure. The performance parameters of the PW-1804X are optimized for professional level mid bass designs. If full range designs are specified the PW-1804X should be utilized.

P Audio features state of the art design and manufacturing that insure the PW-1804X will provide very high power handling and reliability in high performance profession applications.




PROEURO TECH®
PERFORMANCE SOUND

# PF-1203B

## Specifications

| GENERAL SPECIFICATIONS | |
|---|---|
| Nominal Impedance | 8 Ω |
| Power | 600 Watt (rms) |
| SPL 1W@1M average sensitivity | 96 dB |
| Frequency Response | 60Hz - 3000Hz |
| Dimension Ø x H (cm) | 31.2 x 13.8 |
| Net Weight | 5.04 kg (11.09bs) |
| Shipping Weight | 5.70 kg (12.54 lbs) |
| Packing Dimension H x W x D (cm) | 35 x 35 x 19cm<br>13.8" x 13.8" x 7.5" |

| PHYSICAL SPECIFICATIONS | |
|---|---|
| Magnet type | Ferrite |
| Voice Coil Diameter | 76.2 mm (3 inch) |

| THIELE/SMALL PARAMETERS | | |
|---|---|---|
| Resonance Frequency | Fs | 55 Hz |
| DC. Resistance | Re | 5.3 Ω |
| Coil Inductance | Le | 0.63 mH |
| Mechanical Q Factor | Qms | 4.11 |
| Electrical Q Factor | Qes | 0.58 |
| Total Q Factor | Qts | 0.491 |
| BL Product | BL | 11.46 Tm |
| Effective Moving Mass | Mms | 40.351 g |
| Equivalent Cas Air-Load | Vas | 84.35 Liters |
| Effective Piston Area | Sd | 0.053 Sqm |
| Half-Space Efficiency | Eff | 2.378 % |
| Airgap Height | Hag | 8.0 mm |
| Voice Coil Height | Hvc | 16.0 mm |
| Voice Coil Overhang | Xmax | 4.0 mm |

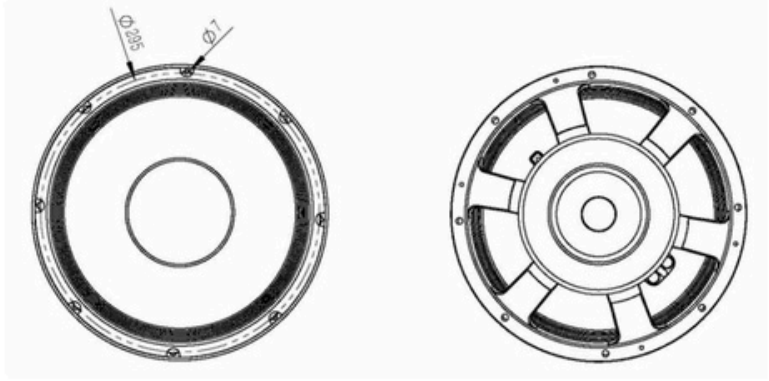
## Applications

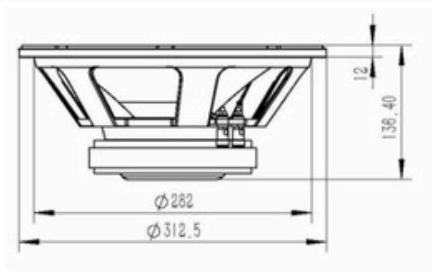
PF-1203B

The PF-1203B has been designed specifically for both direct radiator and horn loaded mid bass applications. This PF Series design has been optimized for use in the critical 60Hz to 3000Hz vocal range and is an ideal choice for professional level three way designs. A typical 12 inch design must offer both good bandwidth, down to 60Hz, and good efficiency. The PF-1203B has all of its performance designed into the 125Hz and above range. This means that the efficiency can be optimized for this frequency range. High efficiency means that lower electrical power levels are required, thus improving both system relia- bility and reducing power compression.

The PF-1203B is a 12 inch (312mm) diameter design that employs very high energy product Neodymium magnetics to proved extremely high conversion efficiency. The medium format 3 inch (76.2mm) voice coil design is an edge wound rectangular aluminum design to further maximize efficiency. Because weight is critical for portable systems or flown/suspended designs, the PF-1203B features a die cast aluminum chassis as well as the Ferrite magnet structure. The performance parameters of the PF-1203B are optimized for professional level mid bass designs. If full range designs are specified the PF-1203B should be utilized.

P Audio features state of the art design and manufacturing that insure the PF-1203B will provide very high power handling and reliability in high performance profession applications.




### SPL vs Freq

PROEURO TECH®
PERFORMANCE SOUND

# PF-1503B

## Specifications

GENERAL SPECIFICATIONS

| | |
|---|---|
| Nominal Impedance | 8 Ω |
| Power | 700 Watt (rms) |
| SPL 1W@1M average sensitivity | 97 dB |
| Frequency Response | 50Hz - 3000Hz |
| Dimension Ø x H (cm) | 38.9 x 15.6 |
| Net Weight | 5.44 kg (11.97bs) |
| Shipping Weight | 6.60 kg (14.52 lbs) |
| Packing Dimension H x W x D (cm) | 44 x 44 x 21cm<br>17.3" x 17.3" x 8.3" |

PHYSICAL SPECIFICATIONS

| | |
|---|---|
| Magnet type | Ferrite |
| Voice Coil Diameter | 76.2 mm (3 inch) |

THIELE/SMALL PARAMETERS

| | | |
|---|---|---|
| Resonance Frequency | Fs | 45 Hz |
| DC. Resistance | Re | 5.3 Ω |
| Coil Inductance | Le | 0.67 mH |
| Mechanical Q Factor | Qms | 2.86 |
| Electrical Q Factor | Qes | 0.64 |
| Total Q Factor | Qts | 0.524 |
| BL Product | BL | 13.9 Tm |
| Effective Moving Mass | Mms | 75.08 g |
| Equivalent Cas Air-Load | Vas | 142.65 Liters |
| Effective Piston Area | Sd | 0.085 Sqm |
| Half-Space Efficiency | Eff | 2.622 % |
| Airgap Height | Hag | 8.0 mm |
| Voice Coil Height | Hvc | 16.0 mm |
| Voice Coil Overhang | Xmax | 4.0 mm |

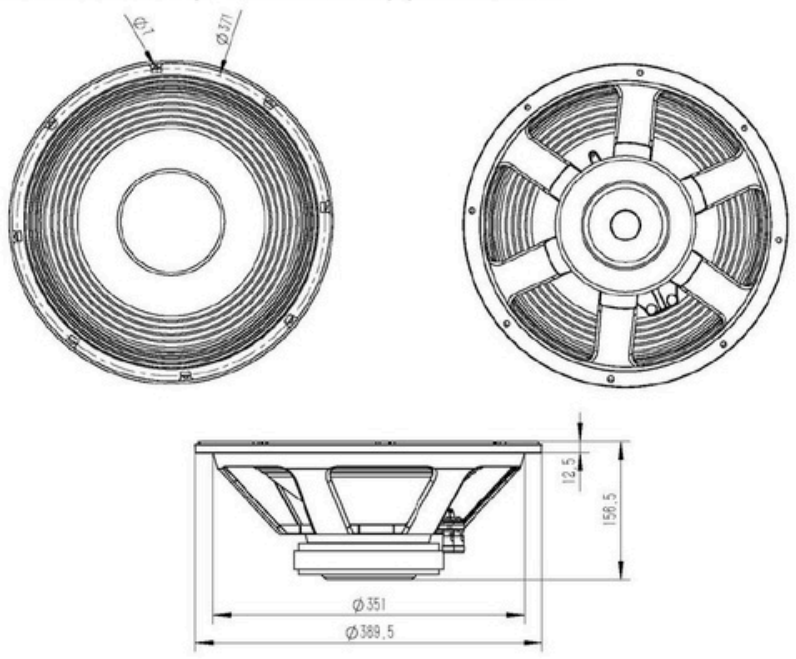
## Applications

PF-1503B

The PF-1503B has been designed specifically for both direct radiator and horn loaded mid bass applications. This PF Series design has been optimized for use in the critical 50Hz to 3000Hz vocal range and is an ideal choice for professional level three way designs. A typical 12 inch design must offer both good bandwidth, down to 60Hz, and good efficiency. The PF-1503B has all of its performance designed into the 125Hz and above range. This means that the efficiency can be optimized for this frequency range. High efficiency means that lower electrical power levels are required, thus improving both system relia- bility and reducing power compression.

The PF-1503B is a 15 inch (389mm) diameter design that employs very high energy product Neodymium magnetics to proved extremely high conversion efficiency. The medium format 3 inch (76.2mm) voice coil design is an edge wound rectangular aluminum design to further maximize efficiency. Because weight is critical for portable systems or flown/suspended designs, the PF-1503B features a die cast aluminum chassis as well as the Ferrite magnet structure. The performance parameters of the PF-1503B are optimized for professional level mid bass designs. If full range designs are specified the PF-1503B should be utilized.

P Audio features state of the art design and manufacturing that insure the PF-1503B will provide very high power handling and reliability in high performance profession applications.




PROEURO TECH
PERFORMANCE SOUND

PORTABLE BATTERY SPEAKER

# PA-15


## General Specifications

| | |
|---|---|
| Specifications | 15" Woofer |
| Impedance | 8 Ohm |
| Max Power | 1600W |
| Sensitivity | 98dB |
| Frequency Response | 35Hz-1.8KHz |
| Voice Coil | 4"(100mm) |
| Magnet | 125 OZ |

## Shipping Details

| | |
|---|---|
| Package size (L x W x H) | 45.1x 45.1 x 20 CM |
| Gross weight | 12.6 KGS |

PROEURO TECH®
PERFORMANCE SOUND

# PRO-18S

## 18"-1000W SUBWOOFER

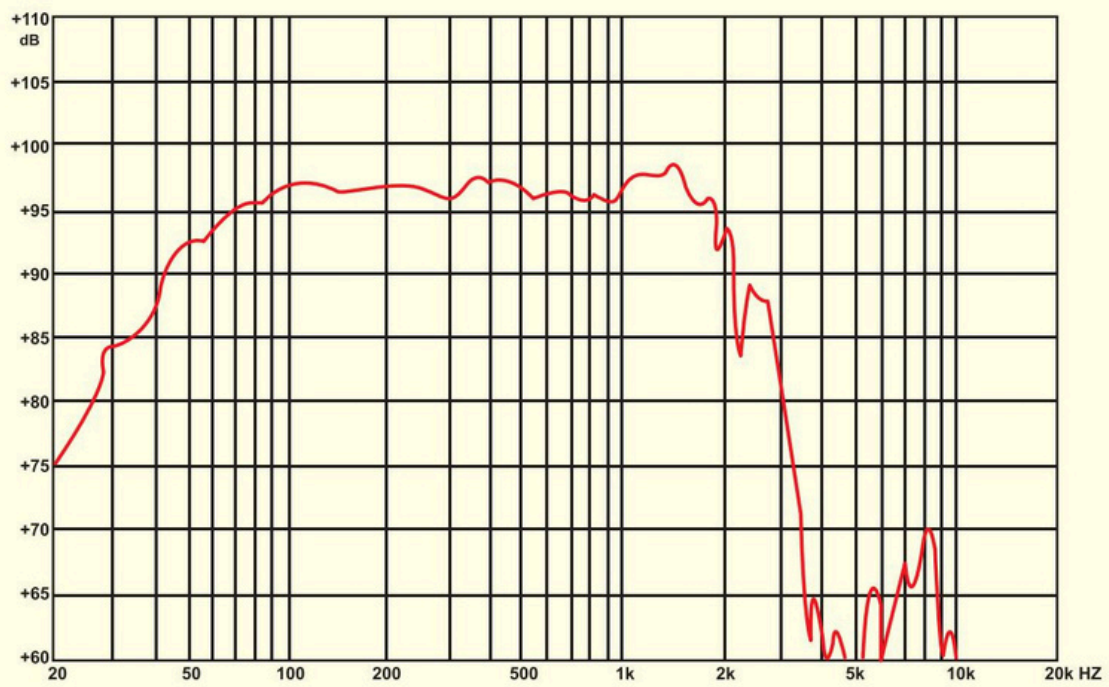
**KEY FEATURES**

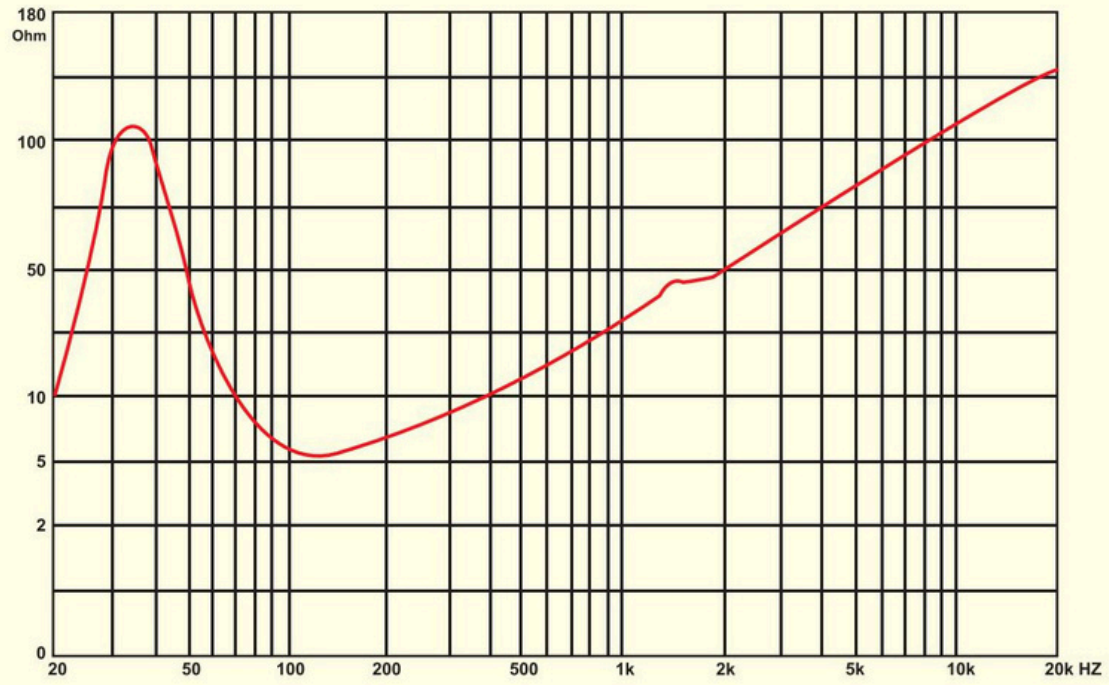
1000W AES Power Handling
100mm(4 in) copper voice coil
39.5 –1.5K Hz response
98 dB SPL

| TYPICAL CHARACTERISTICS | | | |
|---|---|---|---|
| Nominal Diameter | – | mm | 462 |
| Rated impedance | – | Ω | 8 |
| Half space sensitivity (1w@1m) | – | dB SPL | 98 |
| Usable freq. range | – | Hz | 39.5–1500 |
| AES Power handling (1) | – | W | 1000 |
| Maximum Power Handling (2) | – | W | 2000 |
| Magnet Diameter | – | mm | 220 |
| Voice Coil Diameter | – | mm | 100 |
| BL product | BL | N/A | 26.5 |

| ABSOLUTE MAXIMUM RATINGS | | | |
|---|---|---|---|
| Short term max. input voltage | Vmax | V | 125 |
| Max.excursion before damage | Xdam | ± mm | 16 |
| Ambient operating temperature | Ta | ℃ | –10 to +50 |
| Storage temperature | – | ℃ | –20 to +70 |
| Environemental withstanding Q | – | – | Outdoor |

| THIELE-SMALL PARAMETERS: TYPICAL (QC LIMITS) | | | |
|---|---|---|---|
| Resonance frequency | Fs | Hz | 39.5( ± 5) |
| DC Resistance | Re | Ω | 5.6( ± 0.5) |
| Mechanical quality factor | Qms | 1 | 6.3 |
| Electrical quality factor | Qes | 1 | 0.42 |
| Total quality factor | Qts | 1 | 0.41 |
| Max linear excursion | Xmax | ± mm | 10 |
| Reference efficiency | h0 | % | 2.8 |




| MOUNTING AND SHIPPING INFORMATION | |
|---|---|
| Overall Diameter | 462 mm |
| Bolt Circle Diameter | 441 mm |
| Baffle Cutout Diameter | 424.5 mm |
| Depth | 198 mm |
| Net Weight | 12.1 kg |
| Shipping Weight | 13.1 kg |
| Shipping Box | 500x500x250 mm |

**NOTE:**
(1) 2 Hours Test According to AES 2–1984 Rev. 2003
(2) Maximum power is defined as 3dB greater than nominal power

PROEURO TECH®
PERFORMANCE SOUND

# SUB-18S

## 18"-1000W SUBWOOFER

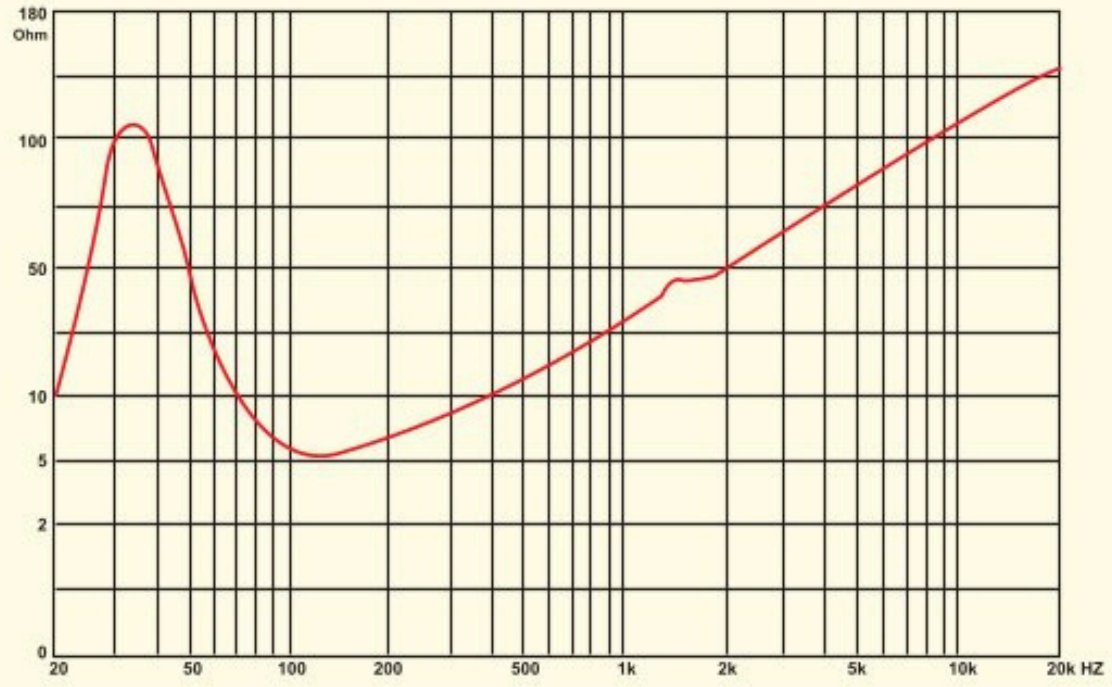
**KEY FEATURES**

1000W AES Power Handling
100mm(4 in) copper voice coil
41–1.5K Hz response
98 dB SPL

| TYPICAL CHARACTERISTICS | | | |
|---|---|---|---|
| Nominal Diameter | – | mm | 462 |
| Rated impedance | – | Ω | 8 |
| Half space sensitivity (1w@1m) | – | dB SPL | 98 |
| Usable freq. range | – | Hz | 41–1500 |
| AES Power handling (1) | – | W | 1000 |
| Maximum Power Handling (2) | – | W | 2000 |
| Magnet Diameter | – | mm | 220 |
| Voice Coil Diameter | – | mm | 100 |
| BL product | BL | N/A | 26.5 |

| ABSOLUTE MAXIMUM RATINGS | | | |
|---|---|---|---|
| Short term max. input voltage | Vmax | V | 125 |
| Max.excursion before damage | Xdam | ± mm | 16 |
| Ambient operating temperature | Ta | ℃ | –10 to +50 |
| Storage temperature | – | ℃ | –20 to +70 |
| Environemental withstanding Q | – | – | Outdoor |

| THIELE-SMALL PARAMETERS: TYPICAL (QC LIMITS) | | | |
|---|---|---|---|
| Resonance frequency | Fs | Hz | 41 ( ± 5) |
| DC Resistance | Re | Ω | 5.6( ± 0.5) |
| Mechanical quality factor | Qms | 1 | 6.7 |
| Electrical quality factor | Qes | 1 | 0.45 |
| Total quality factor | Qts | 1 | 0.43 |
| Max linear excursion | Xmax | ± mm | 10 |
| Reference efficiency | h0 | % | 2.8 |


| MOUNTING AND SHIPPING INFORMATION | |
|---|---|
| Overall Diameter | 462 mm |
| Bolt Circle Diameter | 441 mm |
| Baffle Cutout Diameter | 424.5 mm |
| Depth | 198 mm |
| Net Weight | 12.1 kg |
| Shipping Weight | 13.1 kg |
| Shipping Box | 500x500x250 mm |

**NOTE:**
(1) 2 Hours Test According to AES 2–1984 Rev. 2003
(2) Maximum power is defined as 3dB greater than nominal power

PROEURO TECH
PERFORMANCE SOUND

PORTABLE BATTERY SPEAKER

# SUB-184

## General Specifications

Specifications..... 18" Woofer

Impedance .....8 Ohm

Max Power.....1600W

Sensitivity.....98dB

Frequency Response..... 30Hz-1.5KHz

Voice Coil ..... 4"(100mm)

Magnet.....100 OZ

## Shipping Details

Package size (L x W x H)..... 51 x 51 x 23 CM

Gross weight .....11.5 KGS

460MM/18"
NOMINAL DIAMETER

1200W
POWER

45-2000Hz
FREQUENCY RANGE

96 dB
SENSITIVITY

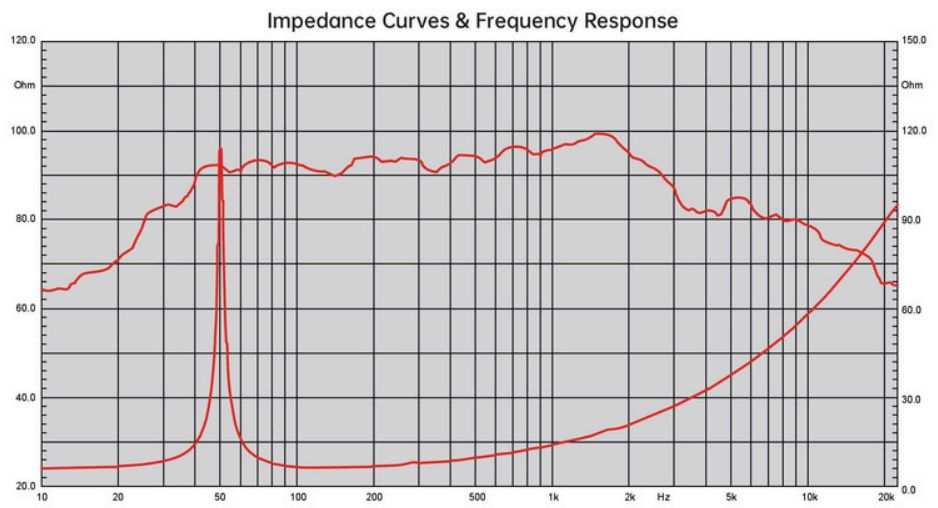
99.5MM/4"
VOICE COIL

PROEURO TECH®
PERFORMANCE SOUND

# LS-1804

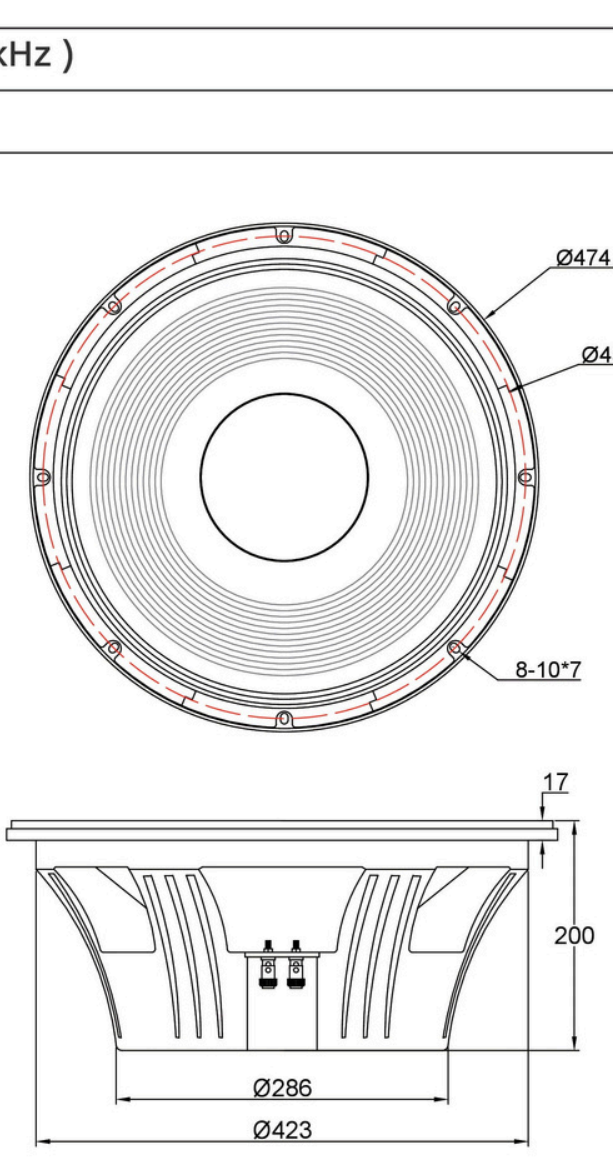
## GENERAL SPECIFICATIONS

| | |
|---|---|
| Nominal Diameter | 460mm/18 in |
| Power | 1200W |
| Nominal Impedance | 8Ω |
| Sensitivity | 96 dB |
| Frequency Range | 45-2000Hz |
| Chassis Type | Cast aluminium |
| Magnet Type | Ferrite |
| Magnet Size | 220X110X25 mm |
| Magnet Weight | 3.49kg/123oz |
| Voice Coil Diameter | 99.5mm/4 in |
| Coil Material | SV-W |
| Number Of Layers | 2(Inside/Outside) |
| Former Material | Glass fiber |
| Cone Material | Paper |
| Surround Material | Cloth |
| Spider | Double |
| X-Max | 13 mm/0.51in |
| Gap Depth | 10 mm/0.39in |
| Voice Coil Winding Width | 30 mm/1.18in |
| Net Weight | 11 kg/pc |
| Packing Dimension | 485mmX480mmX240mm |
| Shipping Weight | 13 kg/ctn 1pc/ctn |




## SMALL SIGNAL PARAMETERS

| | |
|---|---|
| Re | 5.5Ω |
| Fs | 50 Hz |
| Mms | 210 g/7.40 oz |
| Mmd | 185 g/6.52 oz |
| Qms | 22 |
| Qes | 0.83 |
| Qts | 0.80 |
| Vas | 100 lt/3.53ft³ |
| Eff | 1.47% |
| Bl | 21 Tm |
| Cms | 0.04 mm/N |
| Rms | 2.9 Ωm |
| Le ( at 1kHz ) | 1.73 mH |
| Sd | 0.1225 m² |

PROEURO TECH®
PERFORMANCE SOUND

# LF18X4

## 18"-1000W SUBWOOFER

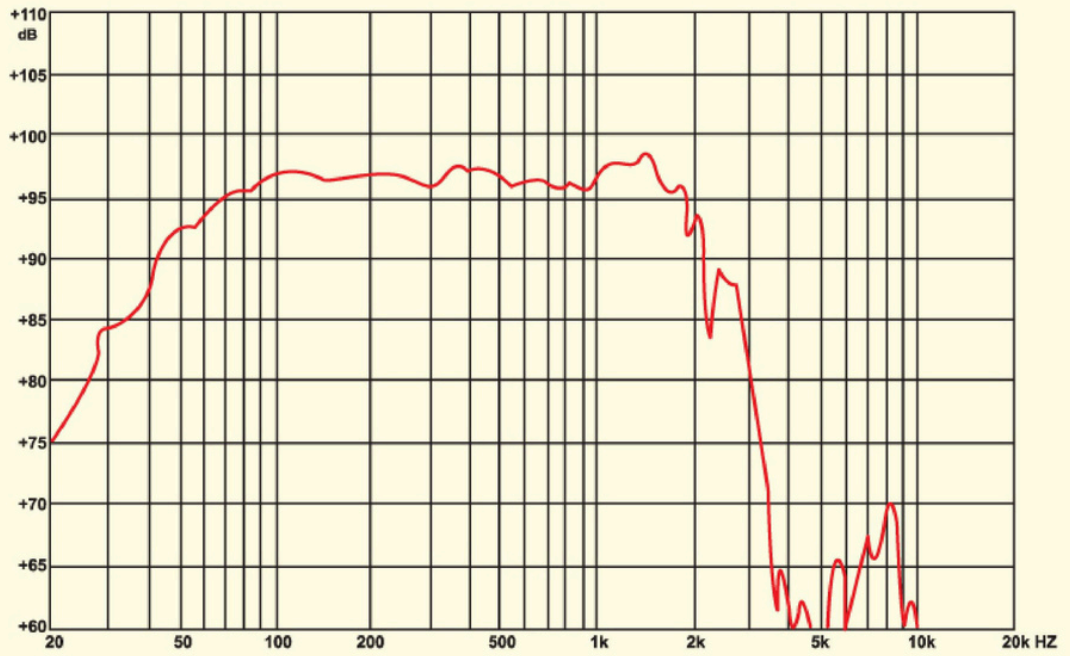
**KEY FEATURES**

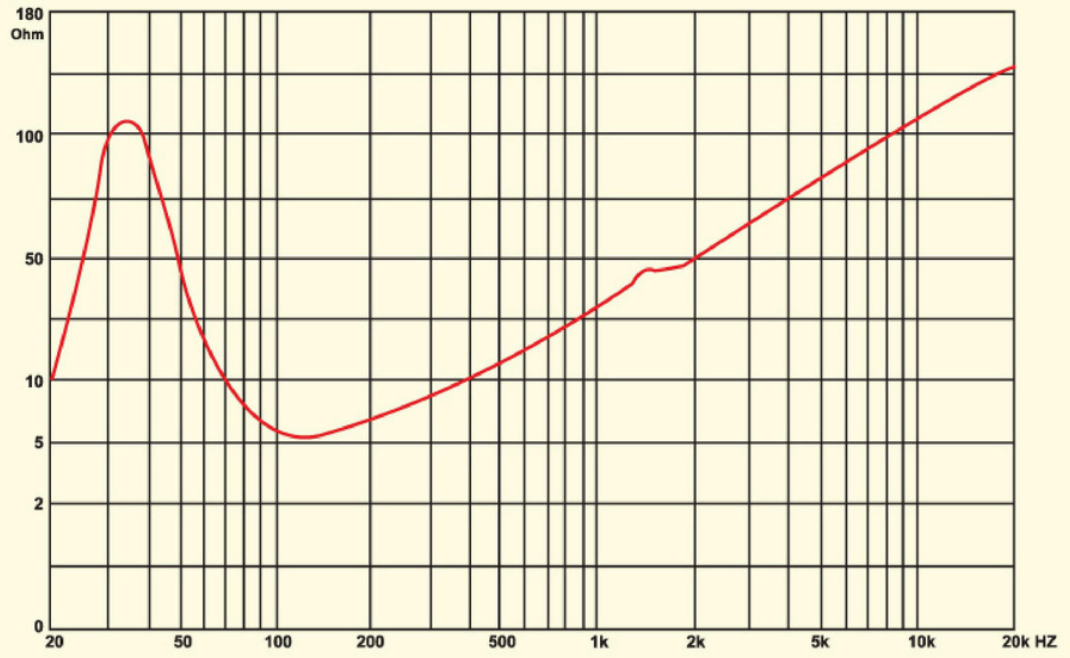
1000W AES Power Handling
100mm(4 in) copper voice coil
39–1.5K Hz response
98 dB SPL


| TYPICAL CHARACTERISTICS | | | |
|---|---|---|---|
| Nominal Diameter | – | mm | 466 |
| Rated impedance | – | Ω | 8 |
| Half space sensitivity (1w@1m) | – | dB SPL | 98 |
| Usable freq. range | – | Hz | 39–1500 |
| AES Power handling (1) | – | W | 1000 |
| Maximum Power Handling (2) | – | W | 2000 |
| Magnet Diameter | – | mm | 220 |
| Voice Coil Diameter | – | mm | 100 |
| BL product | BL | N/A | 26.5 |

| ABSOLUTE MAXIMUM RATINGS | | | |
|---|---|---|---|
| Short term max. input voltage | Vmax | V | 125 |
| Max.excursion before damage | Xdam | ± mm | 16 |
| Ambient operating temperature | Ta | ℃ | –10 to +50 |
| Storage temperature | – | ℃ | –20 to +70 |
| Environemental withstanding Q | – | – | Outdoor |

| THIELE-SMALL PARAMETERS: TYPICAL (QC LIMITS) | | | |
|---|---|---|---|
| Resonance frequency | Fs | Hz | 39 ( ± 5) |
| DC Resistance | Re | Ω | 5.6( ± 0.5) |
| Mechanical quality factor | Qms | 1 | 6.7 |
| Electrical quality factor | Qes | 1 | 0.45 |
| Total quality factor | Qts | 1 | 0.43 |
| Max linear excursion | Xmax | ± mm | 10 |
| Reference efficiency | h0 | % | 2.8 |




| MOUNTING AND SHIPPING INFORMATION | |
|---|---|
| Overall Diameter | 466 mm |
| Bolt Circle Diameter | 441 mm |
| Baffle Cutout Diameter | 424.5 mm |
| Depth | 198 mm |
| Net Weight | 13.3 kg |
| Shipping Weight | 14.5 kg |
| Shipping Box | 500x500x250 mm |

**NOTE:**
(1) 2 Hours Test According to AES 2–1984 Rev. 2003
(2) Maximum power is defined as 3dB greater than nominal power