

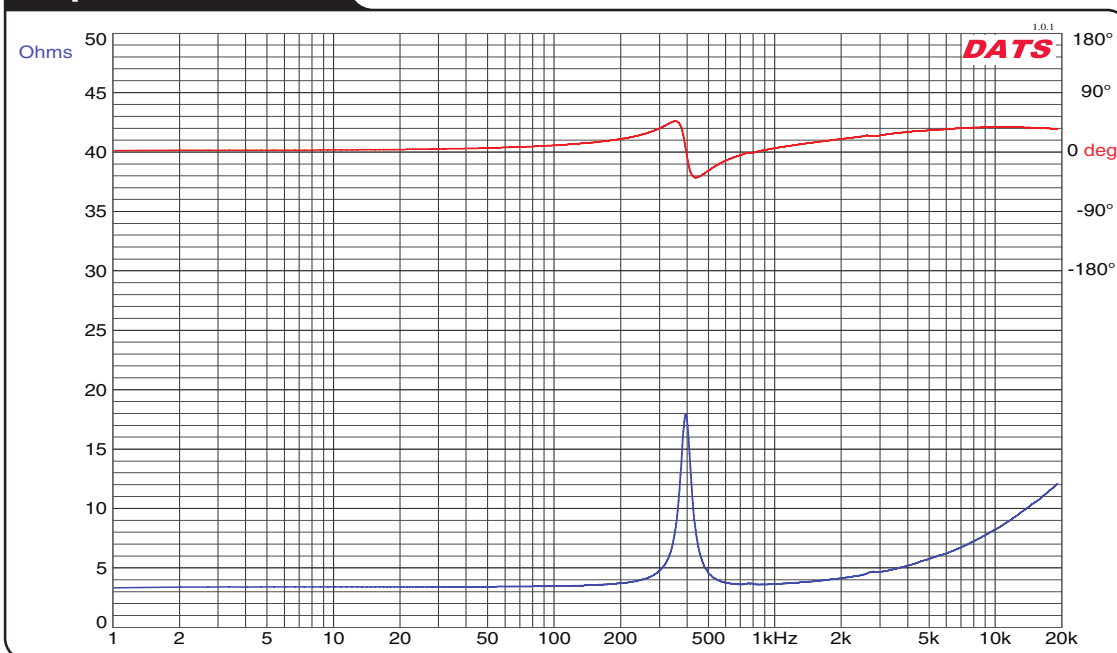
Features

- Robust, heavy-duty design
- High power handling
- Efficient 32mm voice coil and motor structure
- Wide frequency response

Applications

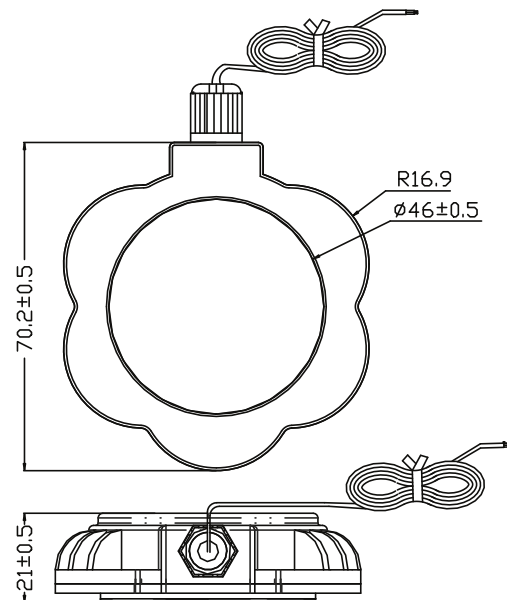
- Drives rigid surfaces
- Designed for commercial and industrial audio
- Perfect for glass, furniture, and other high impedance substrates

Impedance Plot



Parameters

| | |
|-----------------------------|------|
| Impedance (Ω) | 4 |
| Re (Ω) | 3.3 |
| Le (mH) @ 1 kHz | 0.21 |
| Fs (Hz) - Uncoupled | 395 |
| Qms | — |
| Qes | — |
| Qts | 1.38 |
| Mms (g) | 5.4 |
| Cms (mm/N) | 0.08 |
| Sd (cm ²) | — |
| Vd (cm ³) | — |
| BL (Tm) | 4.2 |
| VAS (liters) | — |
| XMAX (mm) | — |
| VC Diameter (mm) | 32 |
| Net Weight (g) | 148 |
| RMS Power Handling (W) | 40 |
| Usable Frequency Range (Hz) | * |



Features

- IP67 rated watertight enclosure
- Integrated all-weather connector/cable
- Dust-tight, water resistant enclosure
- 3M adhesive disc for secure placement

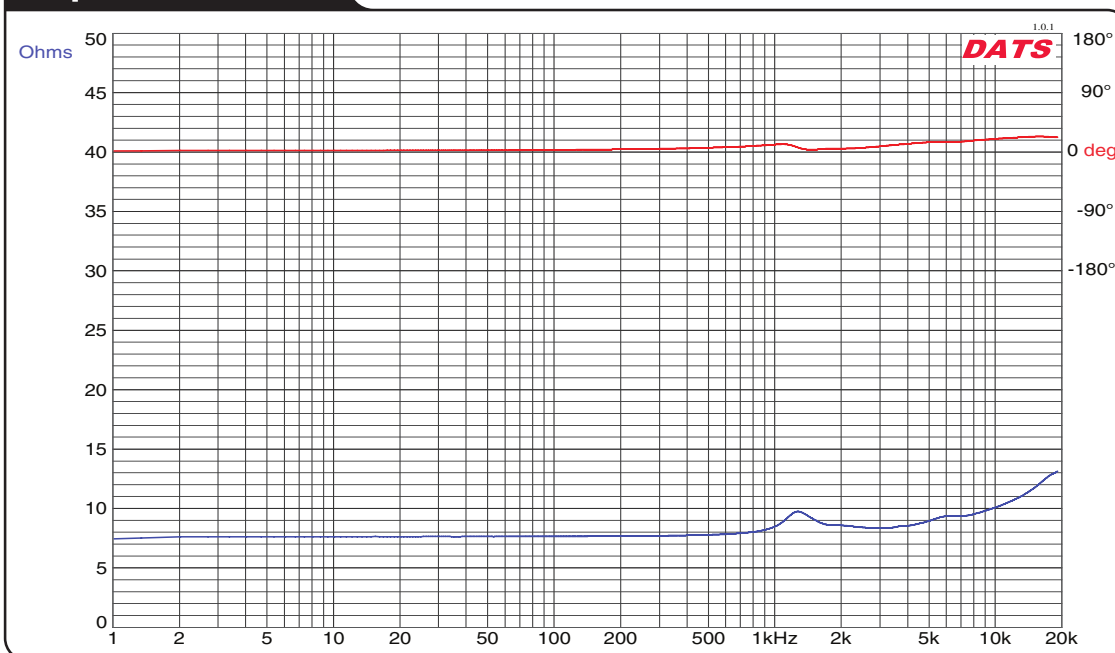
Applications

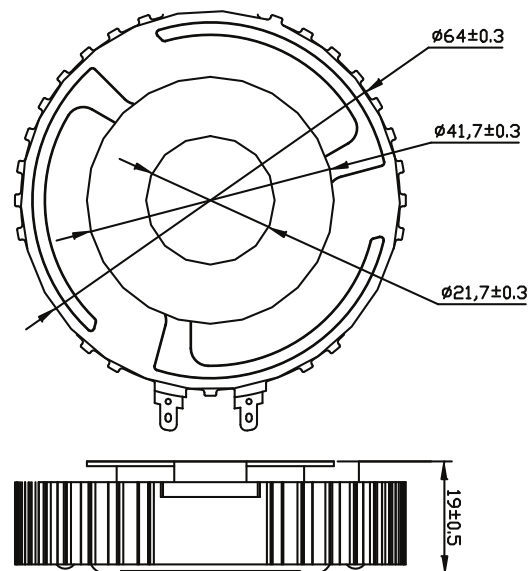
- Shower and bath
- Marine audio
- All-weather audio
- Outdoor applications

Parameters

| | |
|-----------------------------|--------|
| Impedance (Ω) | 8 |
| Re (Ω) | 7.6 |
| Le (mH) @ 1 kHz | 0.58 |
| Fs (Hz) - Uncoupled | 1276 |
| Qms | — |
| Qes | — |
| Qts | 1.25 |
| Mms (g) | 0.26 |
| Cms (mm/N) | 0.0002 |
| Sd (cm ²) | — |
| Vd (cm ³) | — |
| BL (Tm) | 1.12 |
| VAS (liters) | — |
| X _{MAX} (mm) | — |
| VC Diameter (mm) | 25 |
| Net Weight (g) | 83.9 |
| RMS Power Handling (W) | 10 |
| Usable Frequency Range (Hz) | * |

Impedance Plot





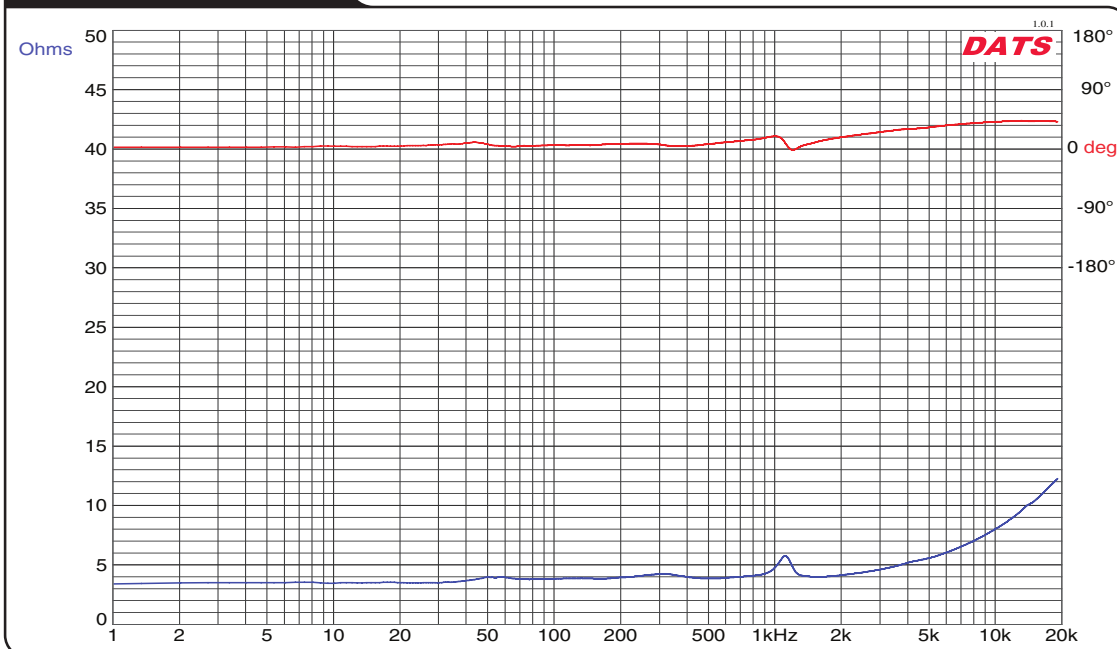
Features

- Robust 32mm voice coil
- Low profile design
- Maximum performance

Applications

- Automotive and commercial sound
- Industrial and military applications
- Hidden audio

Impedance Plot



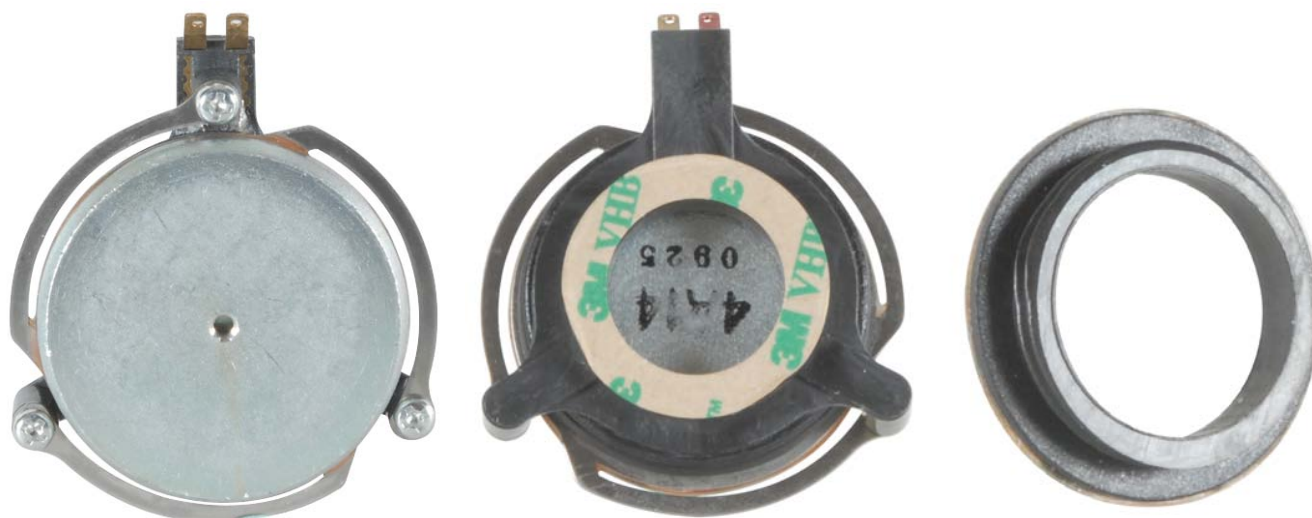
Parameters

| | |
|-----------------------------|--------|
| Impedance (Ω) | 4 |
| Re (Ω) | 3.5 |
| Le (mH) @ 1 kHz | 0.51 |
| Fs (Hz) - Uncoupled | 1117 |
| Qms | — |
| Qes | — |
| Qts | 3.18 |
| Mms (g) | 1.00 |
| Cms (mm/N) | 0.0002 |
| Sd (cm ²) | — |
| Vd (cm ³) | — |
| BL (Tm) | 16.4 |
| VAS (liters) | — |
| XMAX (mm) | — |
| VC Diameter (mm) | 32 |
| Net Weight (g) | 137.4 |
| RMS Power Handling (W) | 40 |
| Usable Frequency Range (Hz) | * |



Product Information Sheet

DAEX32 Balanced Exciter with Coupler Ring 32mm



Applications

The balanced exciter is a serviceable, semi-sealed exciter with excellent durability originally designed for automotive applications.

Technical Features

- Available in 4ohm nominal impedance ($\pm 15\%$, manufacturer's specification)
- Rubber seal around magnet cup seals the voice coil assembly from the outside environment
- Supplied with a screw-in adaptor for easy serviceability. The screw-in adaptor (black ring shown in above picture) is typically bonded to the panel surface via a 3M VHB (Very High Bond) adhesive tape, allowing the main body of the exciter to be un-screwed if required.
- Basic exciter dimensions - Max OD Φ 59.5mm, Thickness 18.5mm, Weight – 133gms.
- Nominal Power rating – 15W rms, Max Power rating – 30W rms (manufacturer's rating according to IEC 268-5)
- Heat resistance – tested at 60°C for 48hrs, Cold resistance – tested at -20°C for 48 hrs (manufacturer's information)
- Humidity resistance - tested at 40°C for 48hrs, 90-95% humidity for 96 hrs (manufacturer's information)

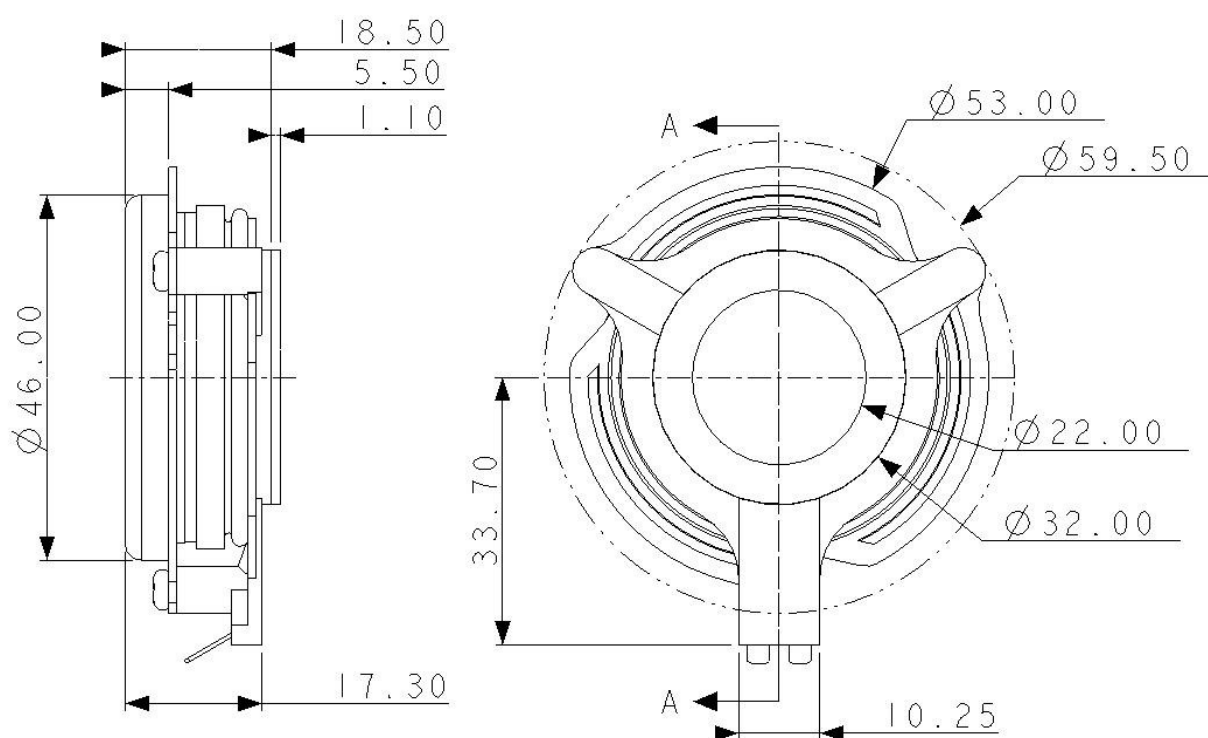
Dynamic Drive Parameters

| BI | R _e | L _e @10kHz | Expo L _e | Expo R _e | f _{re} | Mms | Mmm |
|-------|----------------|-----------------------|---------------------|---------------------|-----------------|-----|-----|
| Tm | Ω | μH | | | kHz | gms | gms |
| 3.533 | 3.4 | 99.35 | 0.881 | 0.675 | 12.2 | 3.2 | 133 |

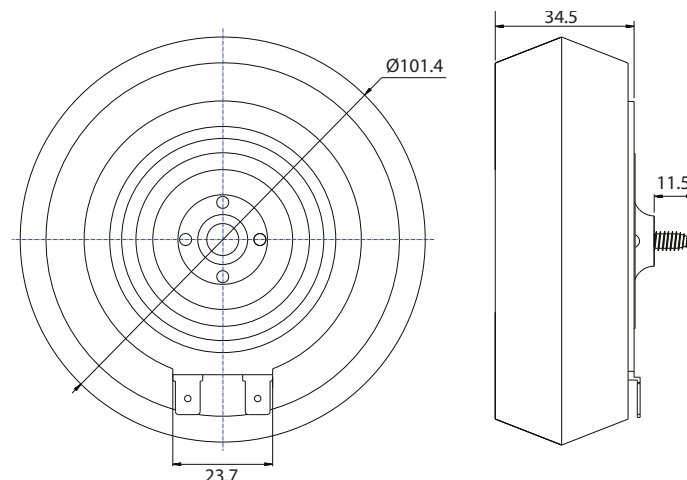
| Cms | Rms | dDrv |
|--------|-------|------|
| m/N | Ns/m | cm |
| 24.132 | 1.508 | 3.2 |

Impedance measured using Clio and drive parameters calculated using ExcParam (NXT Designer software)

Basic Drawing



Dayton Audio
Springboro, Ohio, USA
Phone: 937.743.8248
daytonaudio.com



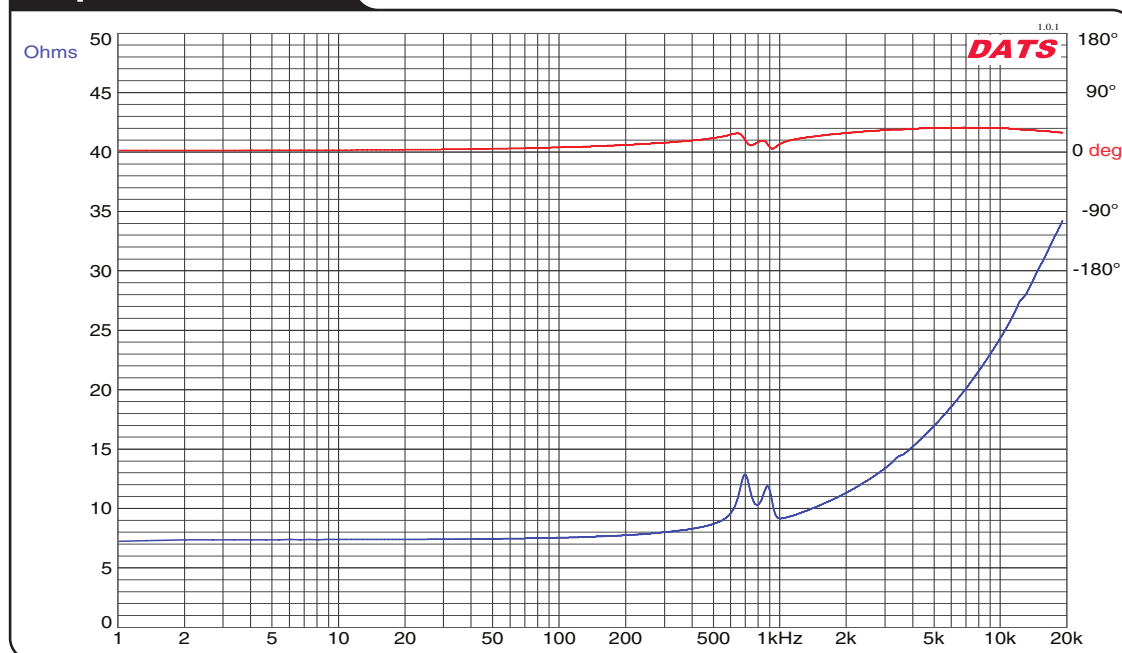
Features

- Full-range with high power handling capabilities
- Coarse-threaded mounting stud for single-point mounting into almost any material
- Hermetically-sealed design for installation in wet or humid environments

Applications

- Ideal for behind the wall invisible speakers
- Convert most any substrate into high-quality sound
- Great for outdoor audio applications

Impedance Plot



Parameters

| | |
|-------------------------------|-----------|
| Impedance (Ω) | 8 |
| Re (Ω) | 7.46 |
| Le (mH) @ 1 kHz | 0.86 |
| Fs (Hz) - Uncoupled | 695 |
| Qms | — |
| Qes | — |
| Qts | 1.52 |
| Mms (g) | 38.2 |
| Cms (mm/N) | — |
| Sd (cm ²) | — |
| Vd (cm ³) | — |
| BL (Tm) | 18.2 |
| VAS (liters) | — |
| X _{MAX} (mm) | — |
| VC Diameter (mm) | 50 |
| Net Weight (g) | 1045 |
| RMS Power Handling (w) | 50 |
| Usable Frequency Range (Hz) * | 40-15,000 |