



Vivid Acoustics

**High Frequency Compression Drivers**

# **PRODUCT SPECIFICATIONS**

Vivid Acoustics Technology Co., Ltd.

**2026**





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Updated on 2026.1

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# Company Profile

## Software Capabilities

**Established:** Since Sep.2017

**Industrial Background:** Our core team brings over twenty years of professional experience in loudspeaker development and manufacturing. The chief engineer, an alumnus of OUC (one of China's most prestigious electro-acoustic institutions), has designed transducers for numerous international brands by combining academic expertise with practical experience.

**Product Range:** Pro Audio high-frequency compression drivers, low-frequency woofers and coaxial loudspeakers, etc.

**Annual Yield:** 240,000pcs woofers, 96,000pcs compression drivers and coaxial loudspeakers.

**Area Occupied:** 2,500 m<sup>2</sup> manufacturing facility

**Certification:** ISO/9001:2015 quality management system

**Patents:** 2 invention patents, 3 utility model patents, 3 design patents

### Design Capabilities:Acoustics:

Comsol/FINEMotor/FEMM/Klippel/Clio

Mechanical: Auto-CAD/Pro-E/Solidworks

Graphic: Photoshop/AI/CorelDRAW

### Production and QC:

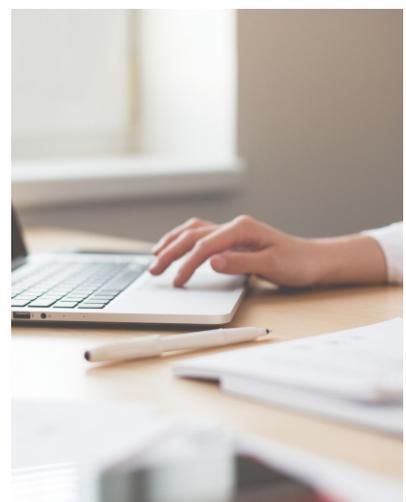
Implementing full-process quality control with 100% online inspection to ensure zero defect outflow. All products are labeled and packaged according to customer specifications.

### Facilities:

4-axis robot dispensing machine for precision compression driver assembly.

Automated production line for woofer manufacturing.

Experienced production supervisors with 15+ years in PA manufacturing, possessing exceptional process risk anticipation capabilities.

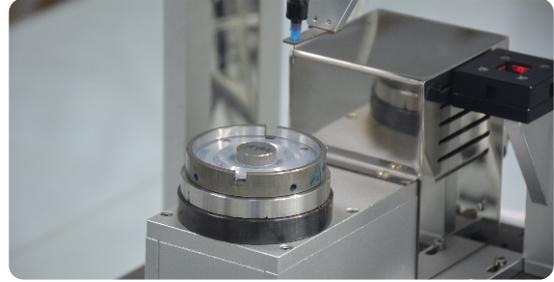




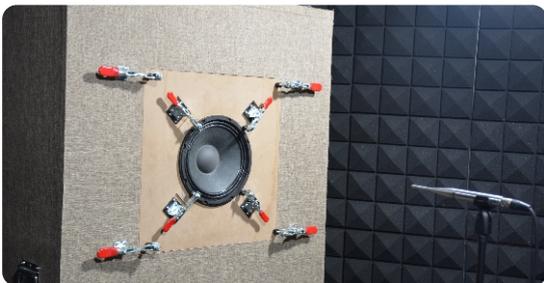
# Facilities



Compression Driver Production: Dispensing with four-axis Robot



LF Automatic Production: Computer-controlled Dispensing Machine



Anechoic Room and Test Device



Our company and designers





# 25T25-8PF

## COMPRESSION DRIVER



### KEY FEATURES

- 107dB 1W/1m sensitivity
- 1in horn throat diameter
- 20W AES power handling
- 1.5kHz-20kHz frequency response
- 25.4mm (1.0in) aluminum voice coil
- Polymer diaphragm
- Suitable for compact two way systems and multi-way systems

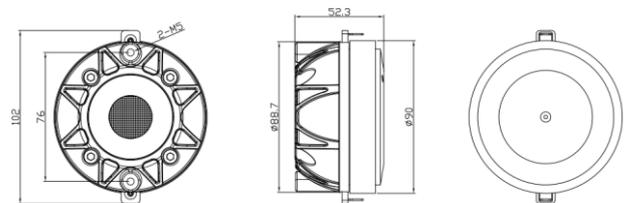
### GENERAL SPECIFICATIONS<sup>1</sup>

Part Number	25T25-8PF
Throat Diameter	25.4mm (1in)
Nominal Impedance	8Ω
Minimum Impedance	6.6Ω at 4800Hz
AES Power Handling <sup>2</sup>	20W
Maximum Power Handling <sup>3</sup>	40W
(1W/1m) Sensitivity (1W/1m) <sup>4</sup>	107dB
Recommended Crossover <sup>5</sup>	2.5kHz
Frequency Range	1.5kHz-20kHz
Voice Coil Diameter	25.4mm
Winding Material	Aluminium
Former Material	Kapton
Flux Density	1.55T
Diaphragm Material	Polymer
Phase Plug Material	Plastic
Cover Material	Plastic
Magnet Material	Ferrite
Net Weight	0.79kg

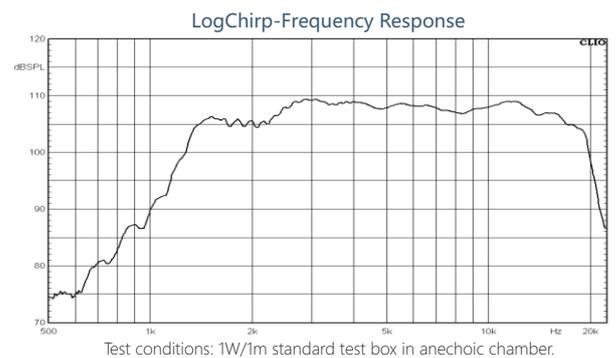
### NOTES

1. Driver mounted on 120×120×60H horn.
2. Two hours test according to AES 2-1984 Rev. 2003.  
Power calculated on rated minimum impedance.
3. Maximum power is defined as 3dB greater than Nominal power.
4. Applied RMS Voltage is set to 2.83V for 8 ohms Nominal Impedance.
5. 12 dB/oct. or higher slope high-pass filter.
6. Power test made with continuous pink noise signal within the range from the recommended crossover frequency to 20kHz.

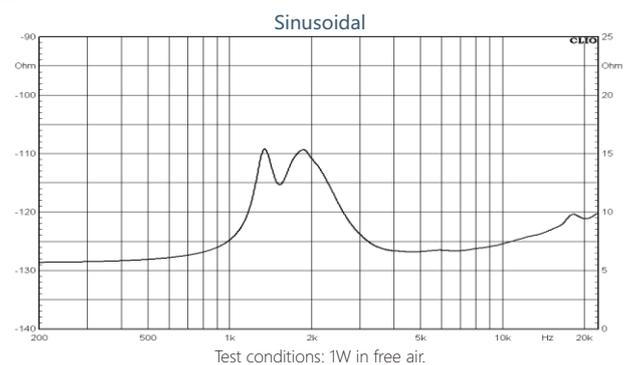
### MECHANICAL DRAWING



### FREQUENCY RESPONSE CURVE



### IMPEDANCE CURVE





# 25T25-8PFS

## COMPRESSION DRIVER



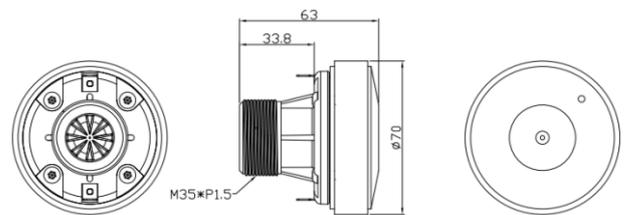
### KEY FEATURES

- 106dB 1W/1m sensitivity
- 1in horn throat diameter
- 20W AES power handling
- 1.5kHz-20kHz frequency response
- 24.75mm (1.0in) copper clad aluminum voice coil
- Polymer diaphragm
- Suitable for compact two way systems and multi-way systems

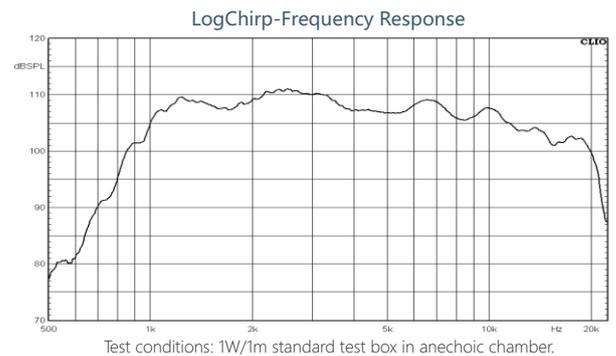
### GENERAL SPECIFICATIONS<sup>1</sup>

Part Number	25T25-8PFS
Throat Diameter	25.4mm (1in)
Nominal Impedance	8Ω
Minimum Impedance	6.0Ω at 5000Hz
AES Power Handling <sup>2</sup>	20W
Maximum Power Handling <sup>3</sup>	40W
(1W/1m) Sensitivity (1W/1m) <sup>4</sup>	106dB
Recommended Crossover <sup>5</sup>	2.5kHz
Frequency Range	1.5kHz-20kHz
Voice Coil Diameter	24.75mm
Winding Material	Copper Clad Aluminum
Former Material	Kapton
Flux Density	1.5T
Diaphragm Material	Polymer
Phase Plug Material	Plastic
Cover Material	Plastic
Magnet Material	Ferrite
Net Weight	0.5kg

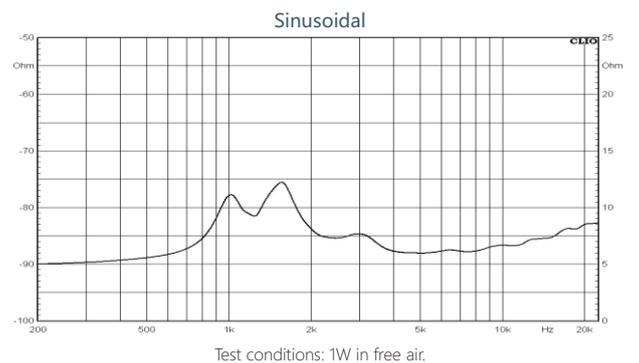
### MECHANICAL DRAWING



### FREQUENCY RESPONSE CURVE



### IMPEDANCE CURVE



### NOTES

1. Driver mounted on 220×220×130H horn.
2. Two hours test according to AES 2-1984 Rev. 2003.  
Power calculated on rated minimum impedance.
3. Maximum power is defined as 3dB greater than Nominal power.
4. Applied RMS Voltage is set to 2.83V for 8 ohms Nominal Impedance.
5. 12 dB/oct. or higher slope high-pass filter.
6. Power test made with continuous pink noise signal within the range from the recommended crossover frequency to 20kHz.



# SW36T25-8PF

## COMPRESSION DRIVER



### KEY FEATURES

- 107dB 1W/1m sensitivity
- 1in horn throat diameter
- 30W AES power handling
- 1.2kHz-20kHz frequency response
- 36mm (1.4in) flat aluminum voice coil
- Polymer diaphragm
- Suitable for compact two way systems and multi-way systems

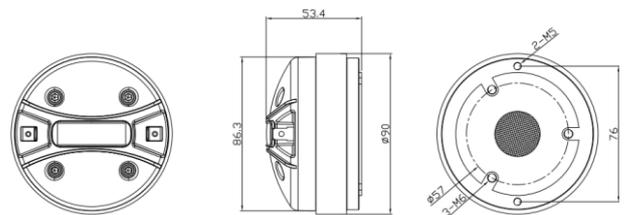
### GENERAL SPECIFICATIONS<sup>1</sup>

Part Number	SW36T25-8PF
Throat Diameter	25.4mm (1in)
Nominal Impedance	8Ω
Minimum Impedance	6.4Ω at 4200Hz
AES Power Handling <sup>2</sup>	30W
Maximum Power Handling <sup>3</sup>	60W
(1W/1m) Sensitivity (1W/1m) <sup>4</sup>	107dB
Recommended Crossover <sup>5</sup>	2.2kHz
Frequency Range	1.2kHz-20kHz
Voice Coil Diameter	36mm
Winding Material	Flat Aluminum
Former Material	Kapton
Flux Density	1.65T
Diaphragm Material	Polymer
Phase Plug Material	Plastic
Cover Material	Plastic
Magnet Material	Ferrite
Net Weight	1.04kg

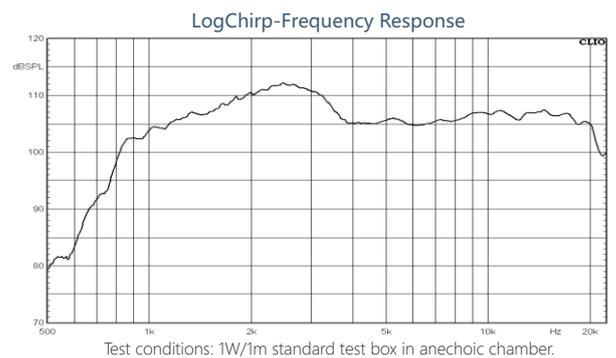
### NOTES

1. Driver mounted on 180×180×95H horn.
2. Two hours test according to AES 2-1984 Rev. 2003.  
Power calculated on rated minimum impedance.
3. Maximum power is defined as 3dB greater than Nominal power.
4. Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.
5. 12 dB/oct. or higher slope high-pass filter.
6. Power test made with continuous pink noise signal within the range from the recommended crossover frequency to 20kHz.

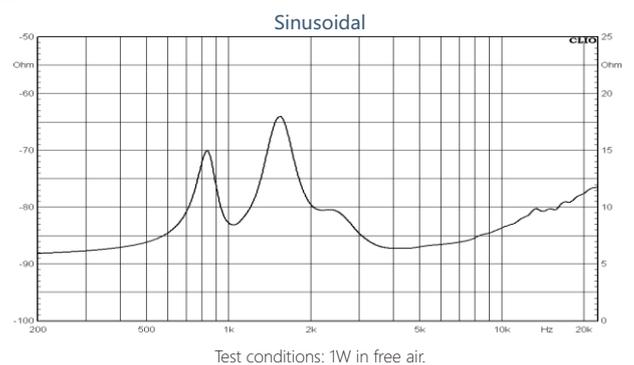
### MECHANICAL DRAWING



### FREQUENCY RESPONSE CURVE



### IMPEDANCE CURVE





# VA400TN-8 16Ω Available COMPRESSION DRIVER



## KEY FEATURES

- 106dB 1W/1m sensitivity
- 1in horn throat diameter
- 50W AES power handling
- 1.2Hz-18kHz frequency response
- 44.4mm (1.7in) flat copper clad aluminum voice coil
- Titanium diaphragm
- Neodymium ring magnetic structure
- Suitable for compact two way systems and multi-way systems

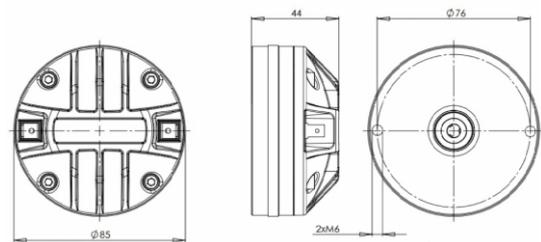
## GENERAL SPECIFICATIONS<sup>1</sup>

Part Number	VA400TN-8
Throat Diameter	25.4mm (1in)
Nominal Impedance	8Ω
Minimum Impedance	7.9Ω at 5000Hz
AES Power Handling <sup>2</sup>	50W
Maximum Power Handling <sup>3</sup>	100W
(1W/1m) Sensitivity (1W/1m) <sup>4</sup>	106dB
Recommended Crossover <sup>5</sup>	1.5kHz
Frequency Range	1.2kHz-18kHz
Voice Coil Diameter	44.4mm
Winding Material	Flat Copper Clad Aluminum
Former Material	Kapton
Flux Density	1.8T
Diaphragm Material	Titanium
Phase Plug Material	Plastic
Cover Material	Cast Aluminum
Magnet Material	Neodymium
Net Weight	0.86kg

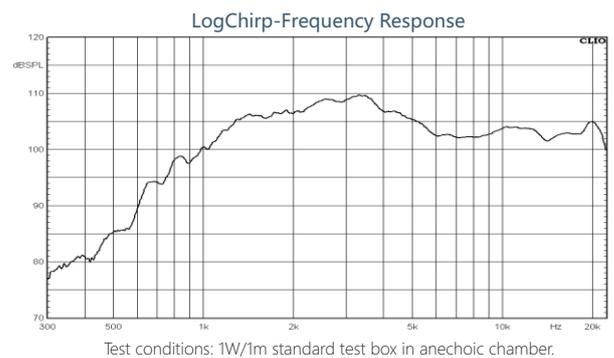
## NOTES

1. Driver mounted on 180×180×95H horn..
2. Two hours test according to AES 2-1984 Rev. 2003.  
Power calculated on rated minimum impedance.
3. Maximum power is defined as 3dB greater than Nominal power.
4. Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.
5. 12 dB/oct. or higher slope high-pass filter.
6. Power test made with continuous pink noise signal within the range from the recommended crossover frequency to 20kHz.

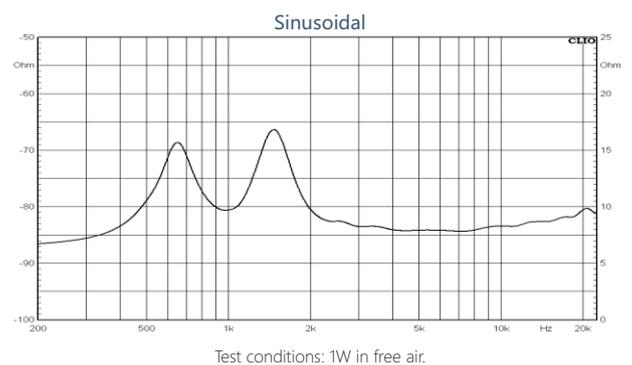
## MECHANICAL DRAWING



## FREQUENCY RESPONSE CURVE



## IMPEDANCE CURVE





# 34T25-8TF

## COMPRESSION DRIVER



### GENERAL SPECIFICATIONS<sup>1</sup>

Part Number	34T25-8TF
Throat Diameter	25.4mm (1in)
Nominal Impedance	8Ω
Minimum Impedance	6.6Ω at 2500Hz
AES Power Handling <sup>2</sup>	25W
Maximum Power Handling <sup>3</sup>	50W
(1W/1m) Sensitivity (1W/1m) <sup>4</sup>	104dB
Recommended Crossover <sup>5</sup>	2.0kHz
Frequency Range	1.2kHz-20kHz
Voice Coil Diameter	34.4mm
Winding Material	Copper Clad Aluminum
Former Material	Kapton
Flux Density	1.5T
Diaphragm Material	Titanium
Phase Plug Material	Plastic
Cover Material	Plastic
Magnet Material	Ferrite
Net Weight	0.88kg

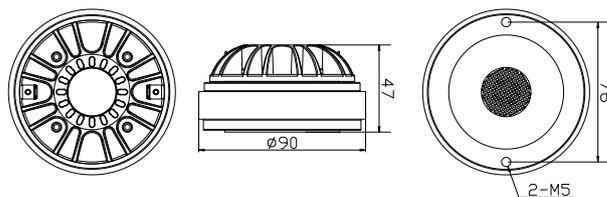
### NOTES

1. Driver mounted on 180×180×95H horn.
2. Two hours test according to AES 2-1984 Rev. 2003.  
Power calculated on rated minimum impedance.
3. Maximum power is defined as 3dB greater than Nominal power.
4. Applied RMS Voltage is set to 2.83V for 8 ohms Nominal Impedance.
5. 12 dB/oct. or higher slope high-pass filter.
6. Power test made with continuous pink noise signal within the range from the recommended crossover frequency to 20kHz.

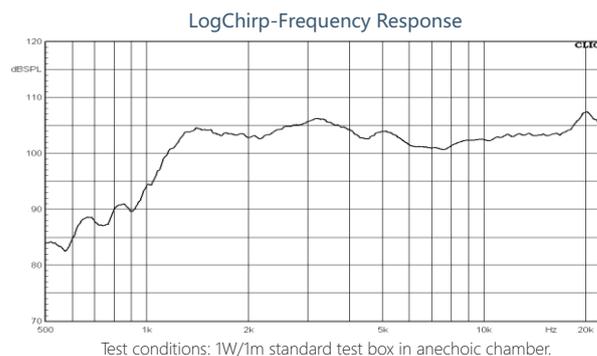
### KEY FEATURES

- 104dB 1W/1m sensitivity
- 1in horn throat diameter
- 25W AES power handling
- 1.2kHz-20kHz frequency response
- 34mm (1.3in) copper clad aluminum voice coil
- Titanium diaphragm
- Suitable for compact two way systems and multi-way systems

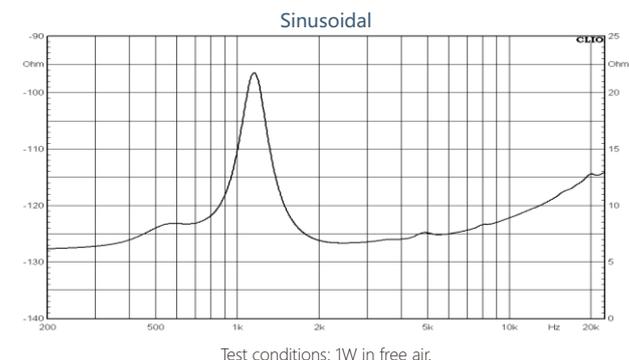
### MECHANICAL DRAWING



### FREQUENCY RESPONSE CURVE



### IMPEDANCE CURVE





# 36T25-8PN 16Ω Available COMPRESSION DRIVER



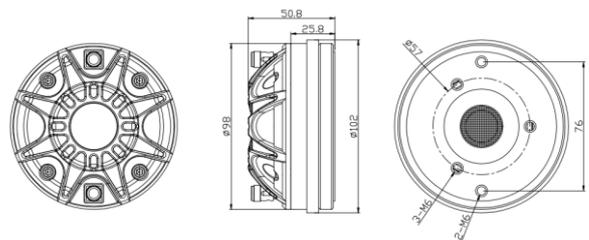
## KEY FEATURES

- 106dB 1W/1m sensitivity
- 1in horn throat diameter
- 25W AES power handling
- 1.5kHz-20kHz frequency response
- 36mm (1.4in) flat aluminum voice coil
- Ultra Compact 60mm diameter
- Polymer diaphragm
- Neodymium ring magnetic structure
- Suitable for compact two way systems and multi-way systems

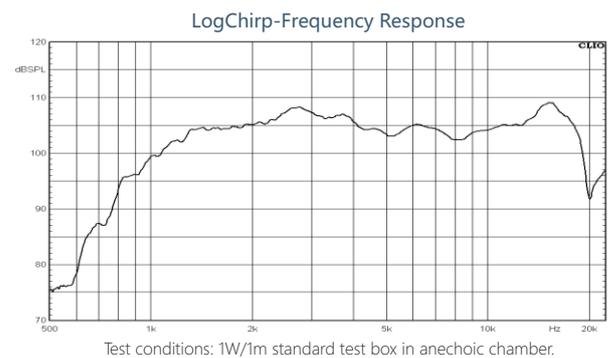
## GENERAL SPECIFICATIONS<sup>1</sup>

Part Number	36T25-8PN
Throat Diameter	25.4mm (1in)
Nominal Impedance	8Ω
Minimum Impedance	7.4Ω at 4200Hz
AES Power Handling <sup>2</sup>	25W
Maximum Power Handling <sup>3</sup>	50W
(1W/1m) Sensitivity (1W/1m) <sup>4</sup>	106dB
Recommended Crossover <sup>5</sup>	2.0kHz
Frequency Range	1.5kHz-20kHz
Voice Coil Diameter	36mm
Winding Material	Flat Aluminum
Former Material	Kapton
Flux Density	1.8T
Diaphragm Material	Polymer
Phase Plug Material	Plastic
Cover Material	Plastic
Magnet Material	Neodymium
Net Weight	0.35kg

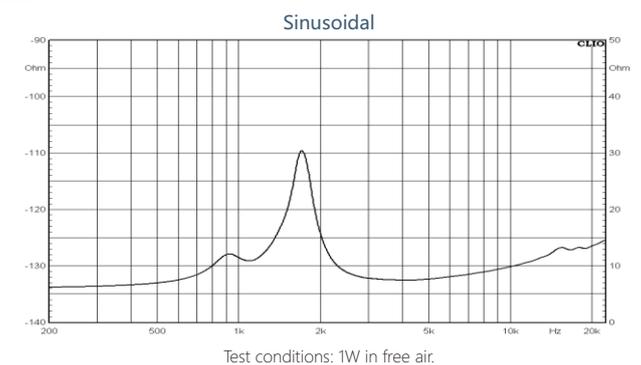
## MECHANICAL DRAWING



## FREQUENCY RESPONSE CURVE



## IMPEDANCE CURVE



## NOTES

1. Driver mounted on 180×180×95H horn.
2. Two hours test according to AES 2-1984 Rev. 2003.  
Power calculated on rated minimum impedance.
3. Maximum power is defined as 3dB greater than Nominal power.
4. Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.
5. 12 dB/oct. or higher slope high-pass filter.
6. Power test made with continuous pink noise signal within the range from the recommended crossover frequency to 20kHz.



# 44T25-8TN 16Ω Available COMPRESSION DRIVER



## KEY FEATURES

- 109dB 1W/1m sensitivity
- 1in horn throat diameter
- 50W AES power handling
- 1.0Hz-18kHz frequency response
- 44.4mm (1.7in) flat aluminum voice coil
- Titanium diaphragm
- Neodymium ring magnetic structure
- Suitable for compact two way systems and multi-way systems

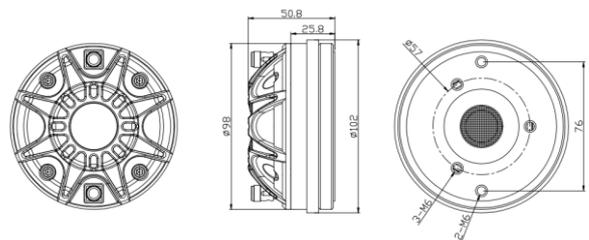
## GENERAL SPECIFICATIONS<sup>1</sup>

Part Number	44T25-8TN
Throat Diameter	25.4mm (1in)
Nominal Impedance	8Ω
Minimum Impedance	7.8Ω at 5000Hz
AES Power Handling <sup>2</sup>	50W
Maximum Power Handling <sup>3</sup>	100W
(1W/1m) Sensitivity (1W/1m) <sup>4</sup>	109dB
Recommended Crossover <sup>5</sup>	1.5kHz
Frequency Range	1.0kHz-18kHz
Voice Coil Diameter	44.4mm
Winding Material	Flat Aluminum
Former Material	Kapton
Flux Density	2.2T
Diaphragm Material	Titanium
Phase Plug Material	Plastic
Cover Material	Cast Aluminum
Magnet Material	Neodymium
Net Weight	1.4kg

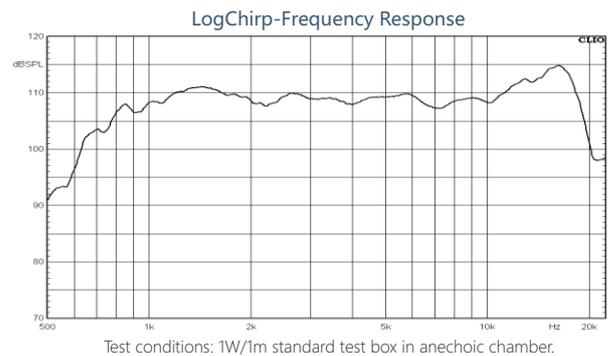
## NOTES

1. Driver mounted on 250×250×135H horn.
2. Two hours test according to AES 2-1984 Rev. 2003.  
Power calculated on rated minimum impedance.
3. Maximum power is defined as 3dB greater than Nominal power.
4. Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.
5. 12 dB/oct. or higher slope high-pass filter.
6. Power test made with continuous pink noise signal within the range from the recommended crossover frequency to 20kHz.

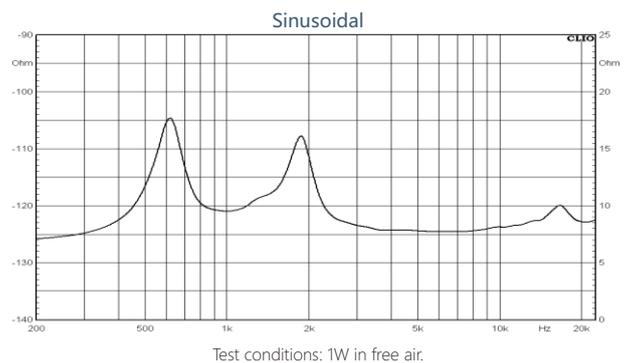
## MECHANICAL DRAWING



## FREQUENCY RESPONSE CURVE



## IMPEDANCE CURVE







# 44T25-8PF 16Ω Available COMPRESSION DRIVER



## KEY FEATURES

- 108.5dB 1W/1m sensitivity
- 1in horn throat diameter
- 60W AES power handling
- 1.0kHz-20kHz frequency response
- 44.4mm (1.7in) flat aluminum voice coil
- Polymer diaphragm
- Suitable for compact two way systems and multi-way systems

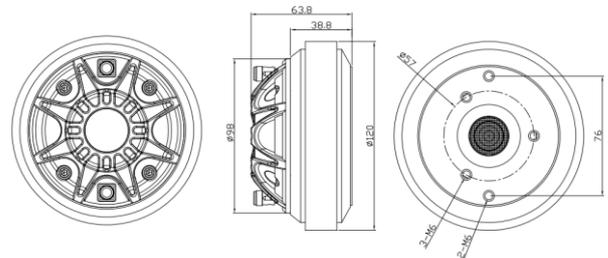
## GENERAL SPECIFICATIONS<sup>1</sup>

Part Number	44T25-8PF
Throat Diameter	25.4mm (1in)
Nominal Impedance	8Ω
Minimum Impedance	7.2Ω at 3500Hz
AES Power Handling <sup>2</sup>	60W
Maximum Power Handling <sup>3</sup>	120W
(1W/1m) Sensitivity (1W/1m) <sup>4</sup>	108.5dB
Recommended Crossover <sup>5</sup>	1.5kHz
Frequency Range	1.0kHz-20kHz
Voice Coil Diameter	44.4mm
Winding Material	Flat Aluminum
Former Material	Kapton
Flux Density	1.65T
Diaphragm Material	Polymer
Phase Plug Material	Plastic
Cover Material	Cast Aluminum
Magnet Material	Ferrite
Net Weight	2.2kg

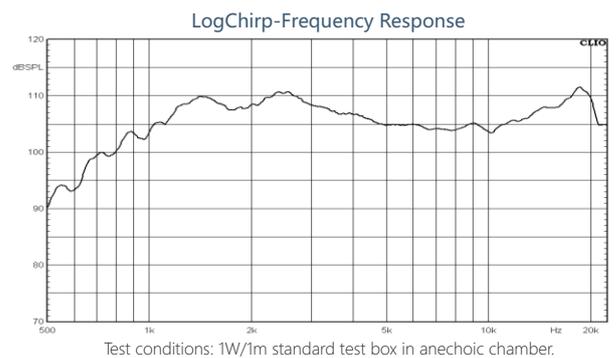
## NOTES

1. Driver mounted on 250×250×135H horn.
2. Two hours test according to AES 2-1984 Rev. 2003.  
Power calculated on rated minimum impedance.
3. Maximum power is defined as 3dB greater than Nominal power.
4. Applied RMS Voltage is set to 2.83V for 8 ohms Nominal Impedance.
5. 12 dB/oct. or higher slope high-pass filter.
6. Power test made with continuous pink noise signal within the range from the recommended crossover frequency to 20kHz.

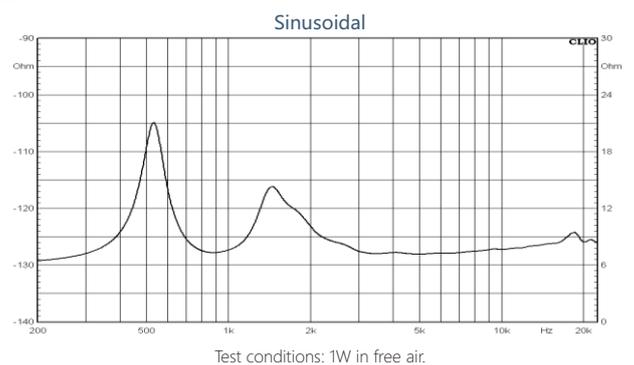
## MECHANICAL DRAWING



## FREQUENCY RESPONSE CURVE



## IMPEDANCE CURVE





# 44T25-8TFS 16Ω Available COMPRESSION DRIVER



## KEY FEATURES

- 105dB 1W/1m sensitivity
- 1in horn throat diameter
- 50W AES power handling
- 1.0kHz-18kHz frequency response
- 44.4mm (1.7in) flat aluminum voice coil
- Titanium diaphragm
- Suitable for compact two way systems and multi-way systems

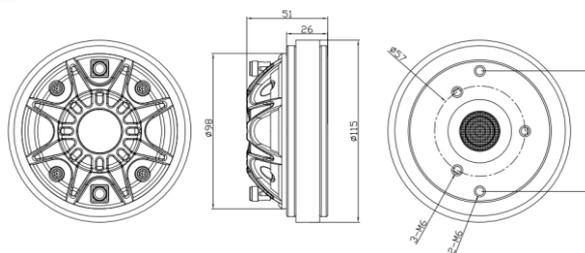
## GENERAL SPECIFICATIONS<sup>1</sup>

Part Number	44T25-8TFS
Throat Diameter	25.4mm (1in)
Nominal Impedance	8Ω
Minimum Impedance	7.4Ω at 3500Hz
AES Power Handling <sup>2</sup>	50W
Maximum Power Handling <sup>3</sup>	100W
(1W/1m) Sensitivity (1W/1m) <sup>4</sup>	105dB
Recommended Crossover <sup>5</sup>	1.5kHz
Frequency Range	1.0kHz-18kHz
Voice Coil Diameter	44.4mm
Winding Material	Flat Aluminum
Former Material	Kapton
Flux Density	1.5T
Diaphragm Material	Titanium
Phase Plug Material	Plastic
Cover Material	Cast Aluminum
Magnet Material	Ferrite
Net Weight	1.53kg

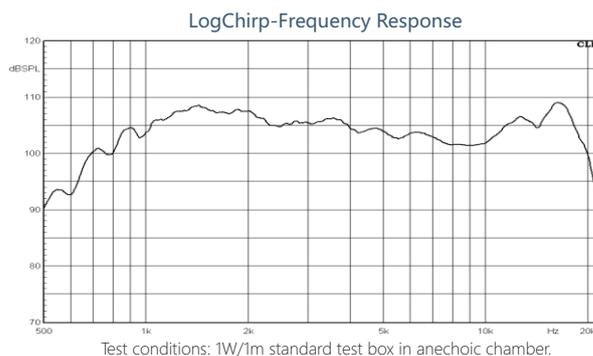
## NOTES

1. Driver mounted on 220×220×130H horn.
2. Two hours test according to AES 2-1984 Rev. 2003.  
Power calculated on rated minimum impedance.
3. Maximum power is defined as 3dB greater than Nominal power.
4. Applied RMS Voltage is set to 2.83V for 8 ohms Nominal Impedance.
5. 12 dB/oct. or higher slope high-pass filter.
6. Power test made with continuous pink noise signal within the range from the recommended crossover frequency to 20kHz.

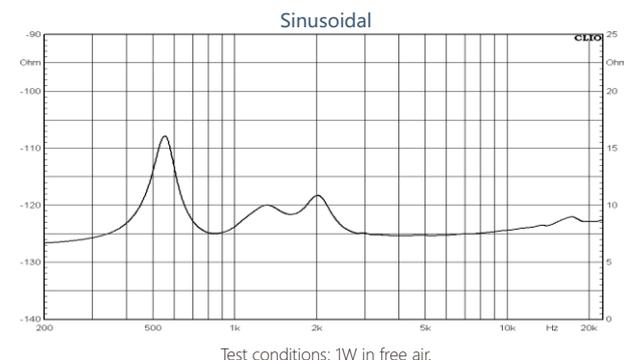
## MECHANICAL DRAWING



## FREQUENCY RESPONSE CURVE



## IMPEDANCE CURVE





# 44T25-8PFS 16Ω Available COMPRESSION DRIVER



## KEY FEATURES

- 106.5dB 1W/1m sensitivity
- 1in horn throat diameter
- 50W AES power handling
- 1.0kHz-20kHz frequency response
- 44.4mm (1.7in) flat aluminum voice coil
- Polymer diaphragm
- Suitable for compact two way systems and multi-way systems

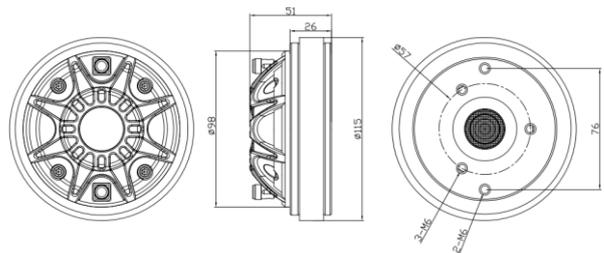
## GENERAL SPECIFICATIONS<sup>1</sup>

Part Number	44T25-8PFS
Throat Diameter	25.4mm (1in)
Nominal Impedance	8Ω
Minimum Impedance	7.4Ω at 3500Hz
AES Power Handling <sup>2</sup>	50W
Maximum Power Handling <sup>3</sup>	100W
(1W/1m) Sensitivity (1W/1m) <sup>4</sup>	106.5dB
Recommended Crossover <sup>5</sup>	1.5kHz
Frequency Range	1.0kHz-20kHz
Voice Coil Diameter	44.4mm
Winding Material	Flat Aluminum
Former Material	Kapton
Flux Density	1.5T
Diaphragm Material	Polymer
Phase Plug Material	Plastic
Cover Material	Cast Aluminum
Magnet Material	Ferrite
Net Weight	1.53kg

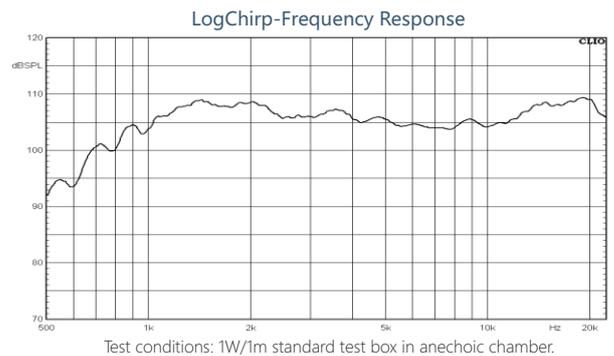
## NOTES

1. Driver mounted on 220×220×130H horn.
2. Two hours test according to AES 2-1984 Rev. 2003.  
Power calculated on rated minimum impedance.
3. Maximum power is defined as 3dB greater than Nominal power.
4. Applied RMS Voltage is set to 2.83V for 8 ohms Nominal Impedance.
5. 12 dB/oct. or higher slope high-pass filter.
6. Power test made with continuous pink noise signal within the range from the recommended crossover frequency to 20kHz.

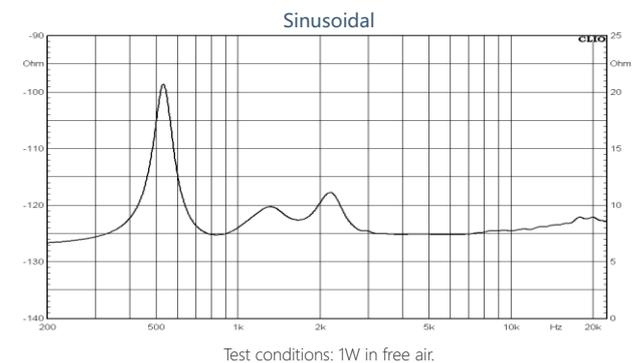
## MECHANICAL DRAWING



## FREQUENCY RESPONSE CURVE



## IMPEDANCE CURVE





# VA610-8 16Ω Available COMPRESSION DRIVER



## KEY FEATURES

- 108dB 1W/1m sensitivity
- 1.4in horn throat diameter
- 80W AES power handling
- 1.0kHz-18kHz frequency response
- 65mm (2.5in) flat copper clad aluminum voice coil
- Titanium diaphragm
- Suitable for compact two way systems and multi-way systems

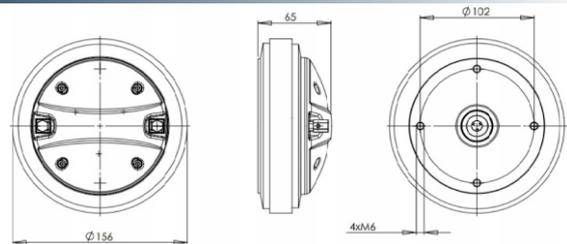
## GENERAL SPECIFICATIONS<sup>1</sup>

Part Number	VA610-8
Throat Diameter	36mm (1.4in)
Nominal Impedance	8Ω
Minimum Impedance	8.0Ω at 4000Hz
AES Power Handling <sup>2</sup>	80W
Maximum Power Handling <sup>3</sup>	160W
(1W/1m) Sensitivity (1W/1m) <sup>4</sup>	108dB
Recommended Crossover <sup>5</sup>	1.2kHz
Frequency Range	1.0kHz-18kHz
Voice Coil Diameter	65mm
Winding Material	Flat Copper Clad Aluminum
Former Material	Kapton
Flux Density	1.75T
Diaphragm Material	Titanium
Phase Plug Material	Plastic
Cover Material	Cast Aluminum
Magnet Material	Ferrite
Net Weight	3.8kg

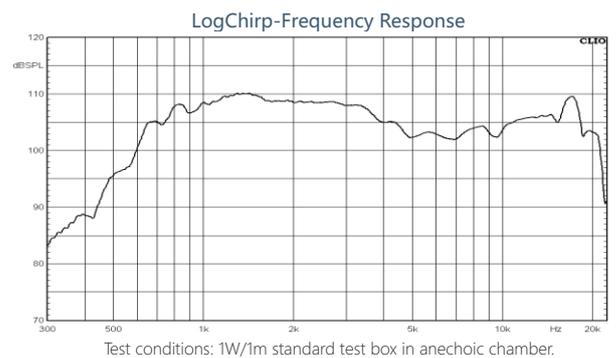
## NOTES

1. Driver mounted on 250×250×135H horn.
2. Two hours test according to AES 2-1984 Rev. 2003.  
Power calculated on rated minimum impedance.
3. Maximum power is defined as 3dB greater than Nominal power.
4. Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.
5. 12 dB/oct. or higher slope high-pass filter.
6. Power test made with continuous pink noise signal within the range from the recommended crossover frequency to 20kHz.

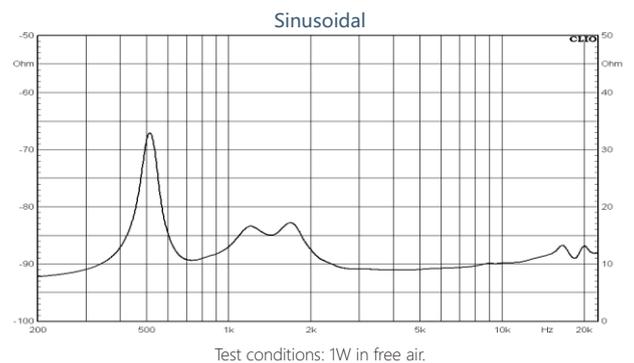
## MECHANICAL DRAWING



## FREQUENCY RESPONSE CURVE



## IMPEDANCE CURVE





# 75T36-8TF

## COMPRESSION DRIVER



### KEY FEATURES

- 107.5dB 1W/1m sensitivity
- 1.4in horn throat diameter
- 110W AES power handling
- 700Hz-18kHz frequency response
- 74.55mm (3.0in) flat aluminum voice coil
- Titanium diaphragm
- Suitable for compact two way systems and multi-way systems

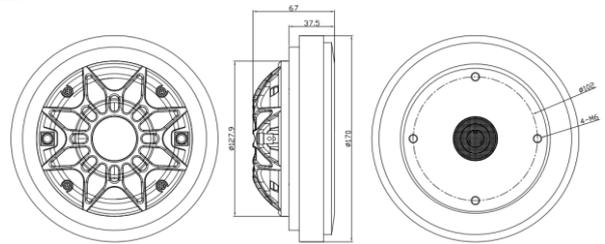
### GENERAL SPECIFICATIONS<sup>1</sup>

Part Number	75T36-8TF
Throat Diameter	36mm (1.4in)
Nominal Impedance	8Ω
Minimum Impedance	7.3Ω at 4000Hz
AES Power Handling <sup>2</sup>	110W
Maximum Power Handling <sup>3</sup>	220W
(1W/1m) Sensitivity (1W/1m) <sup>4</sup>	107.5dB
Recommended Crossover <sup>5</sup>	1.0kHz
Frequency Range	700Hz-18kHz
Voice Coil Diameter	74.55mm
Winding Material	Flat Aluminum
Former Material	Kapton
Flux Density	1.8T
Diaphragm Material	Titanium
Phase Plug Material	Aluminum
Cover Material	Cast Aluminum
Magnet Material	Ferrite
Net Weight	4.8kg

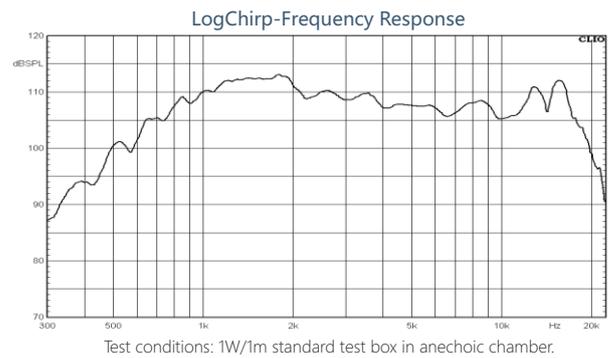
### NOTES

1. Driver mounted on 250×250×135H horn.
2. Two hours test according to AES 2-1984 Rev. 2003.  
Power calculated on rated minimum impedance.
3. Maximum power is defined as 3dB greater than Nominal power.
4. Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.
5. 12 dB/oct. or higher slope high-pass filter.
6. Power test made with continuous pink noise signal within the range from the recommended crossover frequency to 20kHz.

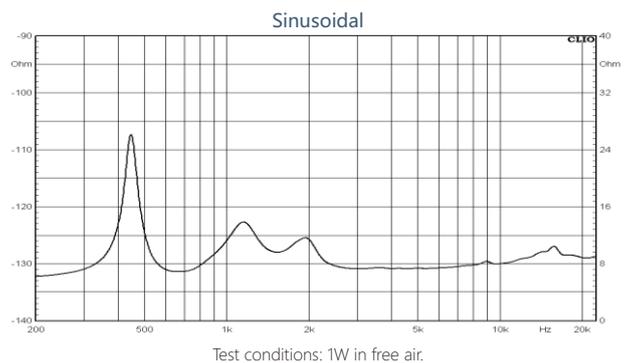
### MECHANICAL DRAWING



### FREQUENCY RESPONSE CURVE



### IMPEDANCE CURVE





# VA82-8TF 16Ω Available COMPRESSION DRIVER



## KEY FEATURES

- 107dB 1W/1m sensitivity
- 1.4in horn throat diameter
- 110W AES power handling
- 500Hz-18kHz frequency response
- 74.55mm (3.0in) flat copper clad aluminum voice coil
- Titanium diaphragm
- Suitable for compact two way systems and multi-way systems

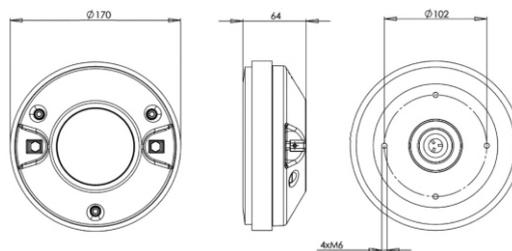
## GENERAL SPECIFICATIONS<sup>1</sup>

Part Number	VA82-8TF
Throat Diameter	36mm (1.4in)
Nominal Impedance	8Ω
Minimum Impedance	8.5Ω at 3000Hz
AES Power Handling <sup>2</sup>	110W
Maximum Power Handling <sup>3</sup>	220W
(1W/1m) Sensitivity (1W/1m) <sup>4</sup>	107dB
Recommended Crossover <sup>5</sup>	1.0kHz
Frequency Range	500Hz-18kHz
Voice Coil Diameter	74.55mm
Winding Material	Flat Copper Clad Aluminum
Former Material	Kapton
Flux Density	1.8T
Diaphragm Material	Titanium
Phase Plug Material	Plastic
Cover Material	Cast Aluminum
Magnet Material	Ferrite
Net Weight	4.5kg

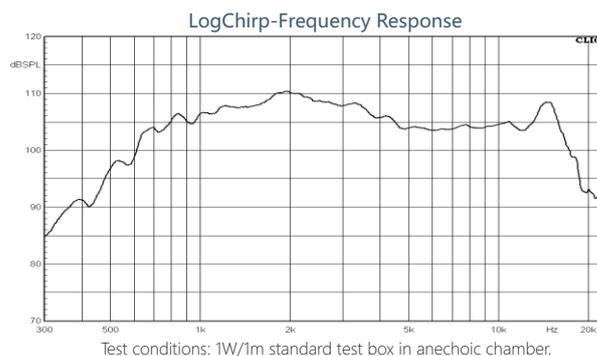
## NOTES

1. Driver mounted on 250×250×135H horn.
2. Two hours test according to AES 2-1984 Rev. 2003.  
Power calculated on rated minimum impedance.
3. Maximum power is defined as 3dB greater than Nominal power.
4. Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.
5. 12 dB/oct. or higher slope high-pass filter.
6. Power test made with continuous pink noise signal within the range from the recommended crossover frequency to 20kHz.

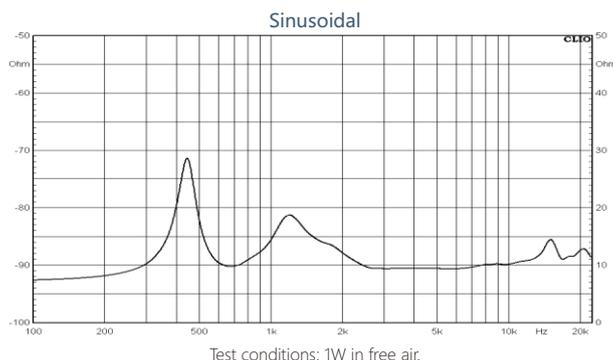
## MECHANICAL DRAWING



## FREQUENCY RESPONSE CURVE



## IMPEDANCE CURVE





# VA914TN-8 16Ω Available COMPRESSION DRIVER



## KEY FEATURES

- 109dB 1W/1m sensitivity
- 1.4in horn throat diameter
- 110W AES power handling
- 700Hz-18kHz frequency response
- 74.55mm (3.0in) flat copper clad aluminum voice coil
- Titanium diaphragm
- Neodymium ring magnetic structure
- Suitable for compact two way systems and multi-way systems

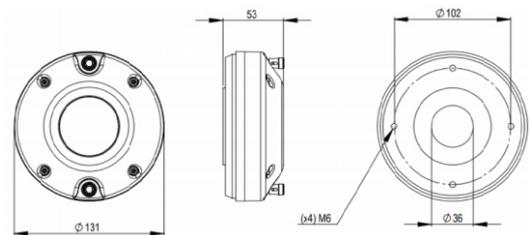
## GENERAL SPECIFICATIONS<sup>1</sup>

Part Number	VA914TN-8
Throat Diameter	36mm (1.4in)
Nominal Impedance	8Ω
Minimum Impedance	8.4Ω at 4000Hz
AES Power Handling <sup>2</sup>	110W
Maximum Power Handling <sup>3</sup>	220W
(1W/1m) Sensitivity (1W/1m) <sup>4</sup>	109dB
Recommended Crossover <sup>5</sup>	1.0kHz
Frequency Range	700Hz-18kHz
Voice Coil Diameter	74.55mm
Winding Material	Flat Copper Clad Aluminum
Former Material	Kapton
Flux Density	2.1T
Diaphragm Material	Titanium
Phase Plug Material	Aluminum
Cover Material	Cast Aluminum
Magnet Material	Neodymium
Net Weight	2.4kg

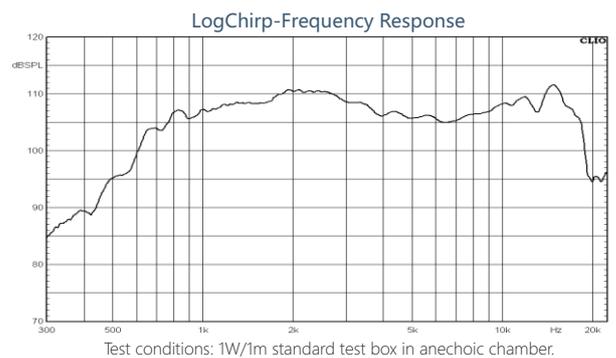
## NOTES

1. Driver mounted on 250×250×135H horn.
2. Two hours test according to AES 2-1984 Rev. 2003.  
Power calculated on rated minimum impedance.
3. Maximum power is defined as 3dB greater than Nominal power.
4. Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.
5. 12 dB/oct. or higher slope high-pass filter.
6. Power test made with continuous pink noise signal within the range from the recommended crossover frequency to 20kHz.

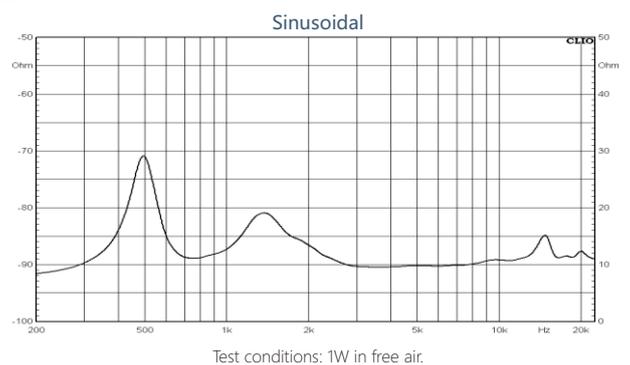
## MECHANICAL DRAWING



## FREQUENCY RESPONSE CURVE



## IMPEDANCE CURVE





# VA800TN-8 16Ω Available COMPRESSION DRIVER



## KEY FEATURES

- 108dB 1W/1m sensitivity
- 1.4in horn throat diameter
- 110W AES power handling
- 1.0Hz-18kHz frequency response
- 74.55mm (3.0in) flat copper clad aluminum voice coil
- Titanium diaphragm
- Neodymium ring magnetic structure
- Suitable for compact two way systems and multi-way systems

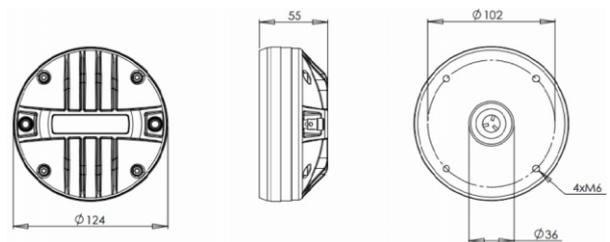
## GENERAL SPECIFICATIONS<sup>1</sup>

Part Number	VA800TN-8
Throat Diameter	36mm (1.4in)
Nominal Impedance	8Ω
Minimum Impedance	8.0Ω at 4000Hz
AES Power Handling <sup>2</sup>	110W
Maximum Power Handling <sup>3</sup>	220W
(1W/1m) Sensitivity (1W/1m) <sup>4</sup>	108dB
Recommended Crossover <sup>5</sup>	1.2kHz
Frequency Range	1.0kHz-18kHz
Voice Coil Diameter	74.55mm
Winding Material	Flat Copper Clad Aluminum
Former Material	Kapton
Flux Density	1.85T
Diaphragm Material	Titanium
Phase Plug Material	Aluminum
Cover Material	Cast Aluminum
Magnet Material	Neodymium
Net Weight	2.3kg

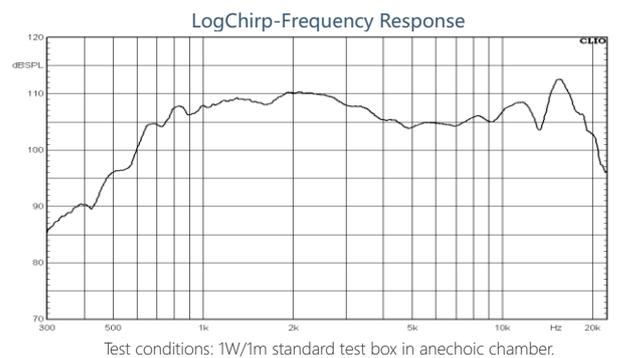
## NOTES

1. Driver mounted on 250×250×135H horn.
2. Two hours test according to AES 2-1984 Rev. 2003.  
Power calculated on rated minimum impedance.
3. Maximum power is defined as 3dB greater than Nominal power.
4. Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.
5. 12 dB/oct. or higher slope high-pass filter.
6. Power test made with continuous pink noise signal within the range from the recommended crossover frequency to 20kHz.

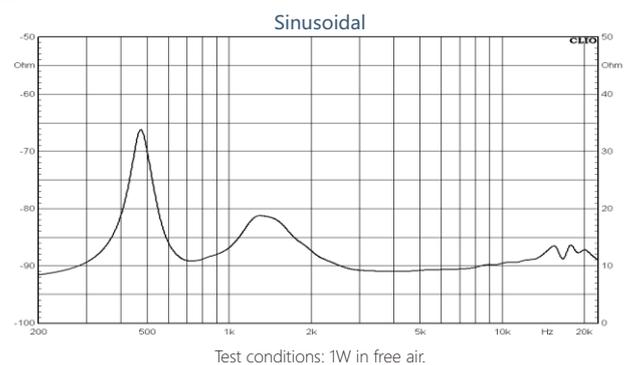
## MECHANICAL DRAWING



## FREQUENCY RESPONSE CURVE



## IMPEDANCE CURVE





# VA82-8 16Ω Available COMPRESSION DRIVER



## KEY FEATURES

- 107dB 1W/1m sensitivity
- 1.4in horn throat diameter
- 110W AES power handling
- 500Hz-18kHz frequency response
- 74.55mm (3.0in) flat copper clad aluminum voice coil
- Polymer&Titanium diaphragm
- Suitable for compact two way systems and multi-way systems

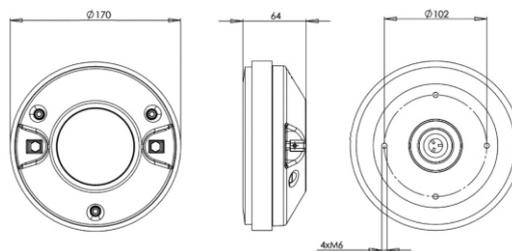
## GENERAL SPECIFICATIONS<sup>1</sup>

Part Number	VA82-8
Throat Diameter	36mm (1.4in)
Nominal Impedance	8Ω
Minimum Impedance	8.0Ω at 3000Hz
AES Power Handling <sup>2</sup>	110W
Maximum Power Handling <sup>3</sup>	220W
(1W/1m) Sensitivity (1W/1m) <sup>4</sup>	107dB
Recommended Crossover <sup>5</sup>	1.0kHz
Frequency Range	500Hz-18kHz
Voice Coil Diameter	74.55mm
Winding Material	Flat Copper Clad Aluminum
Former Material	Kapton
Flux Density	1.8T
Diaphragm Material	Polymer&Titanium
Phase Plug Material	Plastic
Cover Material	Cast Aluminum
Magnet Material	Ferrite
Net Weight	4.5kg

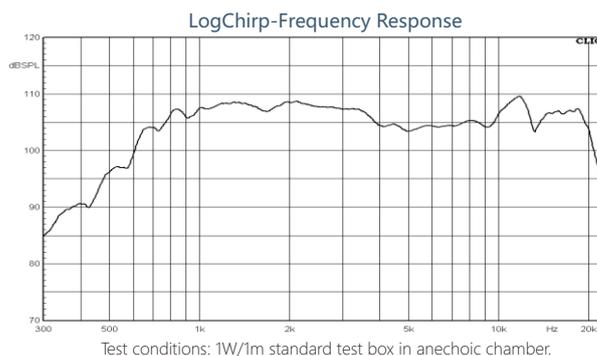
## NOTES

1. Driver mounted on 250×250×135H horn.
2. Two hours test according to AES 2-1984 Rev. 2003.  
Power calculated on rated minimum impedance.
3. Maximum power is defined as 3dB greater than Nominal power.
4. Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.
5. 12 dB/oct. or higher slope high-pass filter.
6. Power test made with continuous pink noise signal within the range from the recommended crossover frequency to 20kHz.

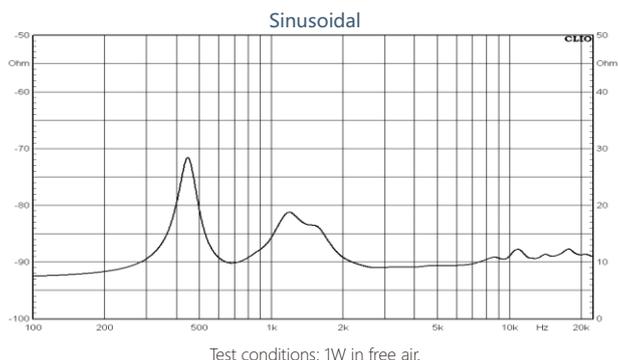
## MECHANICAL DRAWING



## FREQUENCY RESPONSE CURVE



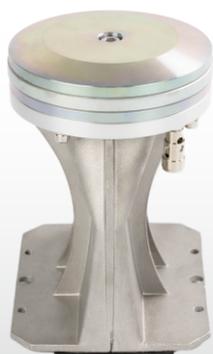
## IMPEDANCE CURVE





# TL44-16

## COMPRESSION DRIVER



### GENERAL SPECIFICATIONS<sup>1</sup>

Part Number	TL44-16
Throat Diameter	101.6mm×25.4mm (4in×1in)
Nominal Impedance	16Ω
Minimum Impedance	16Ω at 9000Hz
AES Power Handling <sup>2</sup>	80W
Maximum Power Handling <sup>3</sup>	160W
(1W/1m) Sensitivity (1W/1m) <sup>4</sup>	112dB
Recommended Crossover <sup>5</sup>	1.0kHz
Frequency Range	1.0kHz-20kHz
Voice Coil Diameter	44.4mm
Winding Material	Flat Copper Clad Aluminum
Former Material	Kapton
Flux Density	2.2T
Diaphragm Material	Polymer
Phase Plug Material	Aluminum
Horn Material	Cast Aluminum
Magnet Material	Neodymium
Net Weight	1.14kg

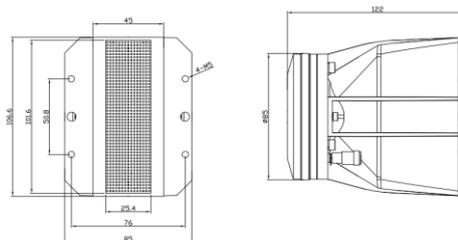
### NOTES

1. Driver testing uses its own aluminum horn.
2. Two hours test according to AES 2-1984 Rev. 2003.  
Power calculated on rated minimum impedance.
3. Maximum power is defined as 3dB greater than Nominal power.
4. Applied RMS Voltage is set to 4 V for 16 ohms Nominal Impedance.
5. 12 dB/oct. or higher slope high-pass filter.
6. Power test made with continuous pink noise signal within the range from the recommended crossover frequency to 20kHz.

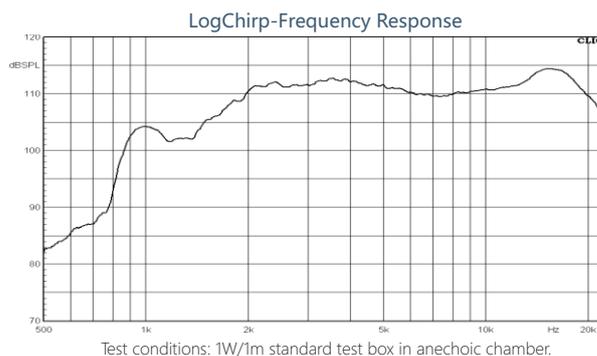
### KEY FEATURES

- 112dB 1W/1m sensitivity
- 4in×1in horn throat diameter
- 80W AES power handling
- 1.0kHz-20kHz frequency response
- 44.4mm (1.7in) flat copper clad aluminum voice coil
- Polymer diaphragm
- Neodymium ring magnetic structure
- Suitable for compact two way systems and multi-way systems

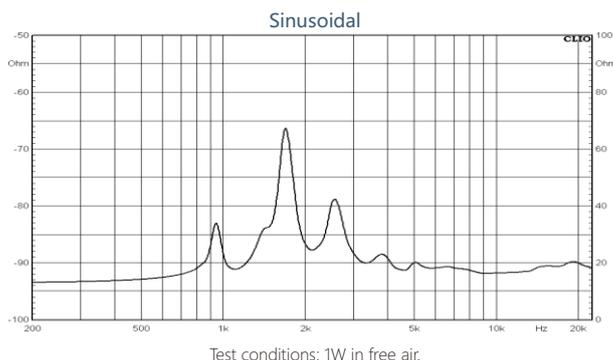
### MECHANICAL DRAWING



### FREQUENCY RESPONSE CURVE



### IMPEDANCE CURVE





# TM90L-50 4Ω Available COMPRESSION DRIVER



## KEY FEATURES

- 115dB 1W/1m sensitivity
- 2in horn throat diameter
- 150W AES power handling
- 300Hz-7kHz frequency response
- 88.9mm (3.5in) copper clad aluminum voice coil
- Polymer diaphragm
- Neodymium inside slug magnetic structure
- Suitable for middle range driver of multi-way systems

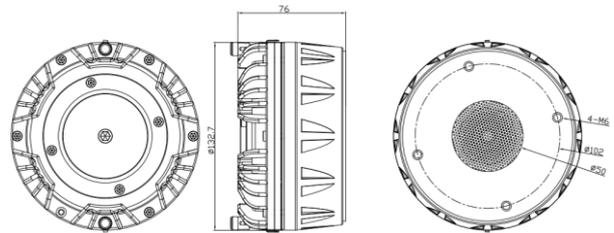
## GENERAL SPECIFICATIONS<sup>1</sup>

Part Number	TM90L-50
Throat Diameter	50mm (2in)
Nominal Impedance	8Ω
Minimum Impedance	6.4Ω at 3500Hz
AES Power Handling <sup>2</sup>	150W above 400Hz
Maximum Power Handling <sup>3</sup>	300W above 500Hz
(1W/1m) Sensitivity (1W/1m) <sup>4</sup>	115dB
Recommended Crossover <sup>5</sup>	400Hz
Frequency Range	300Hz-7kHz
Voice Coil Diameter	88.9mm
Winding Material	Copper Clad Aluminum (2 layers in and outside)
Former Material	Kapton
Flux Density	1.9T
Diaphragm Material	Polymer
Phase Plug Material	Plastic
Cover Material	Cast Aluminum
Magnet Material	Neodymium
Net Weight	1.9kg

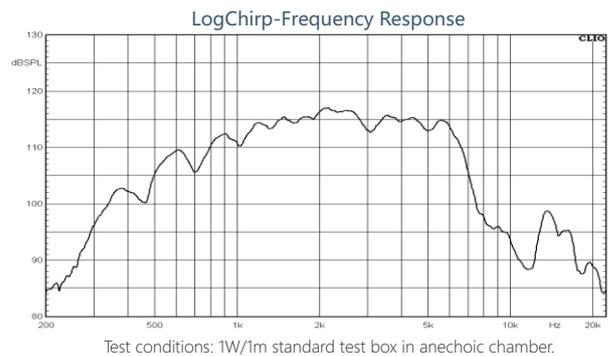
## NOTES

1. Driver mounted on 200×145×250H horn.
2. Two hours test according to AES 2-1984 Rev. 2003.  
Power calculated on rated minimum impedance.
3. Maximum power is defined as 3dB greater than Nominal power.
4. Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.
5. 12 dB/oct. or higher slope high-pass filter.
6. Power test made with continuous pink noise signal within the range from the recommended crossover frequency to 20kHz.

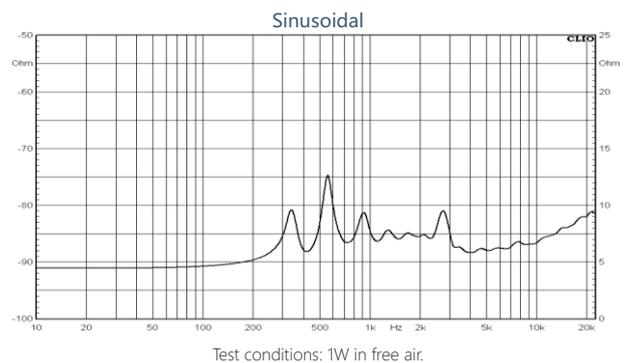
## MECHANICAL DRAWING



## FREQUENCY RESPONSE CURVE



## IMPEDANCE CURVE





# TC9090-8 4Ω Available COMPRESSION DRIVER



## KEY FEATURES

- Dual 3.5in voice coil and annular diaphragm
- 119dB 2×1W/1m sensitivity
- 2in horn throat diameter
- 400W AES power handling
- 200Hz-9kHz frequency response
- Polymer diaphragm
- Neodymium inside slug magnetic structure
- Suitable for middle range driver of multi-way systems

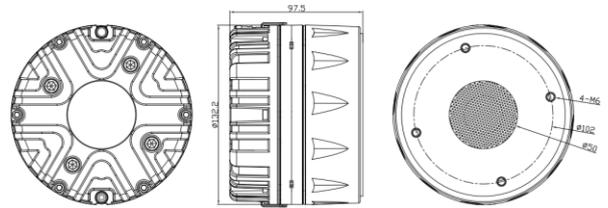
## GENERAL SPECIFICATIONS<sup>1</sup>

Part Number	TC9090-8
Throat Diameter	50mm (2in)
Nominal Impedance	8Ω (2×16ohm)
Minimum Impedance	5.8Ω at 700Hz (2×16ohm)
AES Power Handling <sup>2</sup>	400W (2×200W above 300Hz)
Maximum Power Handling <sup>3</sup>	800W (2×400W above 400Hz)
(1W/1m) Sensitivity (1W/1m) <sup>4</sup>	119dB
Recommended Crossover <sup>5</sup>	250Hz
Frequency Range	200Hz-9kHz
Voice Coil Diameter	2×88.9mm
Winding Material	Copper Clad Aluminum (2 layers in and outside)
Former Material	Kapton
Flux Density	1.95T
Diaphragm Material	Polymer
Phase Plug Material	Plastic
Cover Material	Cast Aluminum
Magnet Material	Neodymium
Net Weight	3.1kg

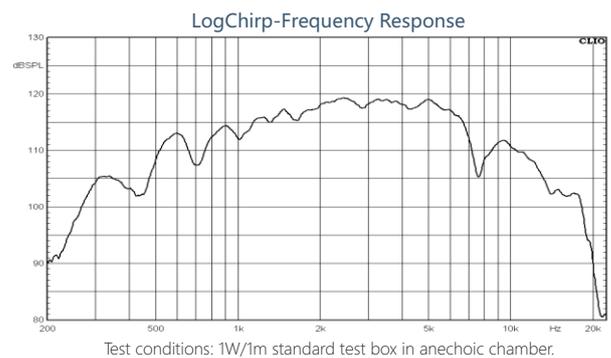
## NOTES

1. Driver mounted on 200×145×250H horn.
2. Two hours test according to AES 2-1984 Rev. 2003.  
Power calculated on rated minimum impedance.
3. Maximum power is defined as 3dB greater than Nominal power.
4. Applied RMS Voltage is set to 4 V for 8 ohms Nominal Impedance.
5. 12 dB/oct. or higher slope high-pass filter.
6. Power test made with continuous pink noise signal within the range from the recommended crossover frequency to 20kHz.

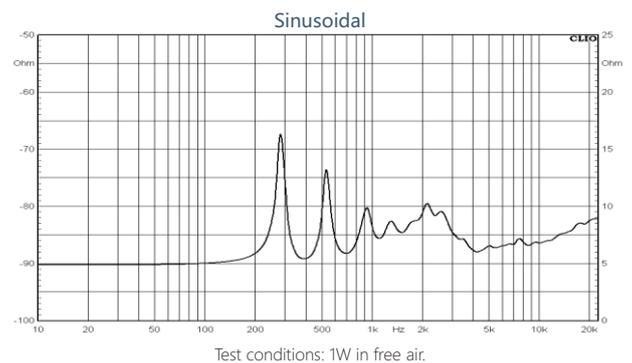
## MECHANICAL DRAWING



## FREQUENCY RESPONSE CURVE



## IMPEDANCE CURVE





# TC9044L-36

## COMPRESSION DRIVER



### KEY FEATURES

- Middle 109dB & High 113dB 1W/1m sensitivity
- 1.4in horn throat diameter
- 120W & 60W AES power handling
- 300Hz-18kHz frequency response
- 88.9mm (3.5in) & 44.4mm (1.7in) copper clad aluminum voice coil
- Polymer diaphragm
- Neodymium inside slug magnetic structure
- Suitable for compact two way systems and multi-way systems

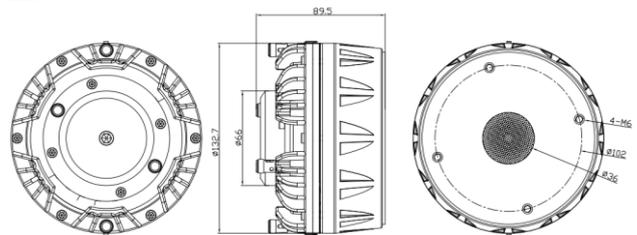
### GENERAL SPECIFICATIONS<sup>1</sup>

Part Number	TC9044L-36
Throat Diameter	36mm (1.4in)
Nominal Impedance	Middle:8Ω High:8Ω
Minimum Impedance	Middle:5.0Ω at 3500Hz High:7.0Ω at 11000Hz
AES Power Handling <sup>2</sup>	Middle:120W above 400Hz High:60W above 6300kHz
Maximum Power Handling <sup>3</sup>	Middle:240W above 500Hz High:120W above 7000Hz
(1W/1m) Sensitivity (1W/1m) <sup>4</sup>	Middle:109dB High:113dB
Recommended Crossover <sup>5</sup>	400Hz
Middle/High Crossover <sup>5</sup>	6300Hz
Frequency Range	Middle:300Hz-7000Hz High:6000Hz-18000Hz
Voice Coil Diameter	Middle:88.9mm High:44.3mm
Winding Material	Middle&High:Copper Clad Aluminum (2 layers in and outside)
Former Material	Middle&High:Kapton
Flux Density	Middle:1.9T High:1.9T
Diaphragm Material	Middle&High:Polymer
Phase Plug Material	Middle:Plastic High:Aluminum
Cover Material	Cast Aluminum
Magnet Material	Middle&High:Neodymium
Net Weight	2.6kg

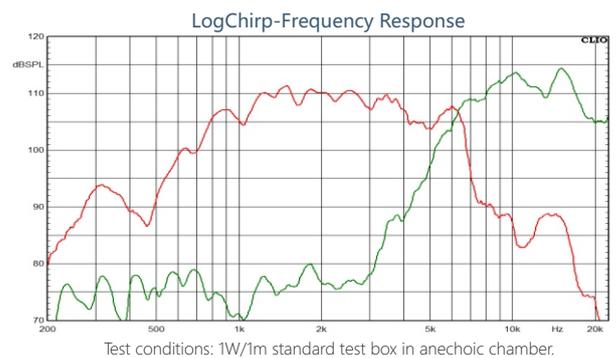
### NOTES

1. Driver mounted on 157×148×131H horn.
2. Two hours test according to AES 2-1984 Rev. 2003.  
Power calculated on rated minimum impedance.
3. Maximum power is defined as 3dB greater than Nominal power.
4. Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.
5. 12 dB/oct. or higher slope high-pass filter.
6. Power test made with continuous pink noise signal within the range from the recommended crossover frequency to 20kHz.

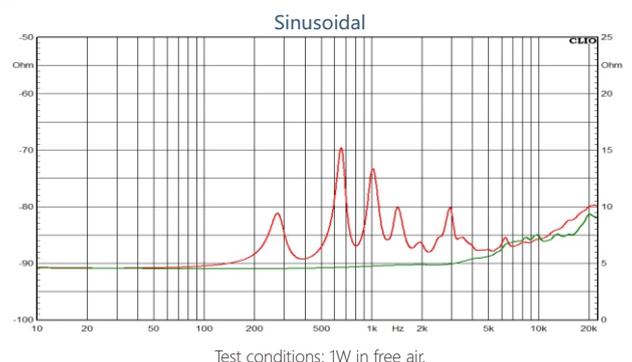
### MECHANICAL DRAWING



### FREQUENCY RESPONSE CURVE



### IMPEDANCE CURVE





# TC9044L-50

## COMPRESSION DRIVER



### KEY FEATURES

- Middle 115dB & High 115dB 1W/1m sensitivity
- 2in horn throat diameter
- 120W & 60W AES power handling
- 300Hz-18kHz frequency response
- 88.9mm (3.5in) & 44.4mm (1.7in) copper clad aluminum voice coil
- Polymer diaphragm
- Neodymium inside slug magnetic structure
- Suitable for compact two way systems and multi-way systems

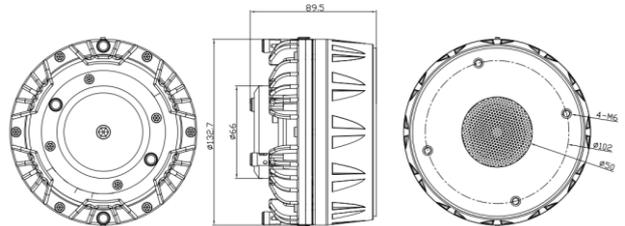
### GENERAL SPECIFICATIONS<sup>1</sup>

Part Number	TC9044L-50
Throat Diameter	50mm (2in)
Nominal Impedance	Middle:8Ω High:8Ω
Minimum Impedance	Middle:6.4Ω at 3500Hz High:6.8Ω at 10000Hz
AES Power Handling <sup>2</sup>	Middle:120W above 400Hz High:60W above 6300Hz
Maximum Power Handling <sup>3</sup>	Middle:240W above 500Hz High:120W above 7000Hz
(1W/1m) Sensitivity (1W/1m) <sup>4</sup>	Middle:115dB High:115dB
Recommended Crossover <sup>5</sup>	400Hz
Middle/High Crossover <sup>5</sup>	6300Hz
Frequency Range	Middle:300Hz-7000Hz High:6000Hz-18000Hz
Voice Coil Diameter	Middle:88.9mm High:44.3mm
Winding Material	Middle&High:Copper Clad Aluminum (2 layers in and outside)
Former Material	Middle&High:Kapton
Flux Density	Middle:1.9T High:1.9T
Diaphragm Material	Middle&High:Polymer
Phase Plug Material	Middle:Plastic High:Aluminum
Cover Material	Cast Aluminum
Magnet Material	Middle&High:Neodymium
Net Weight	2.4kg

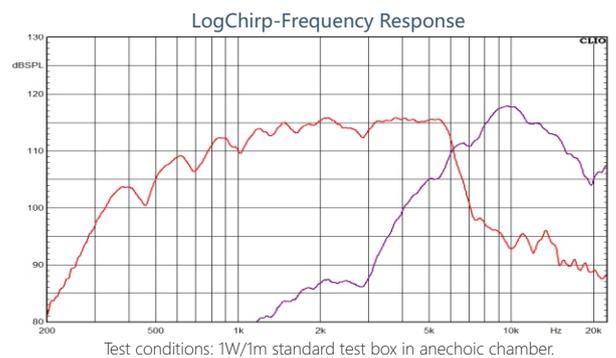
### NOTES

1. Driver mounted on 200×145×250H horn.
2. Two hours test according to AES 2-1984 Rev. 2003.  
Power calculated on rated minimum impedance.
3. Maximum power is defined as 3dB greater than Nominal power.
4. Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.
5. 12 dB/oct. or higher slope high-pass filter.
6. Power test made with continuous pink noise signal within the range from the recommended crossover frequency to 20kHz.

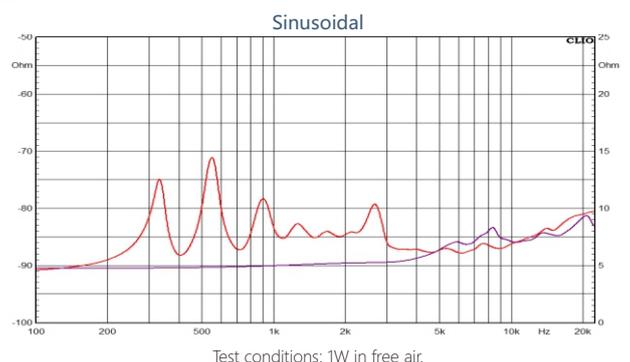
### MECHANICAL DRAWING



### FREQUENCY RESPONSE CURVE



### IMPEDANCE CURVE





# TC10065-8 16Ω Available

## COMPRESSION DRIVER



### KEY FEATURES

- Middle 111dB & High 111.5dB 1W/1m sensitivity
- 1.4in horn throat diameter
- 110W & 80W AES power handling
- 300Hz-18kHz frequency response
- 99.2mm (4.0in) & 65mm (2.5in) flat aluminum voice coil
- Polymer diaphragm
- Neodymium inside slug magnetic structure
- Suitable for compact two way systems and multi-way systems

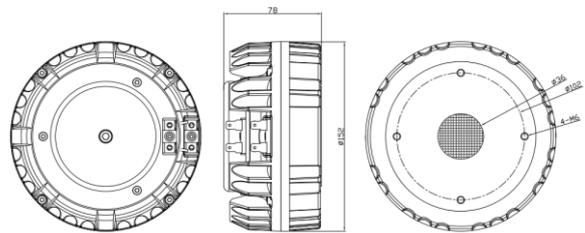
### GENERAL SPECIFICATIONS<sup>1</sup>

Part Number	TC10065-8
Throat Diameter	36mm (1.4in)
Nominal Impedance	Middle:8Ω High:8Ω
Minimum Impedance	Middle:6.4Ω High:9.0Ω
AES Power Handling <sup>2</sup>	Middle:110W above 300Hz High:80W above 4000Hz
Maximum Power Handling <sup>3</sup>	Middle:220W above 300Hz High:160W above 4000Hz
(1W/1m) Sensitivity (1W/1m) <sup>4</sup>	Middle:111dB High:111.5dB
Recommended Crossover <sup>5</sup>	300Hz
Middle/High Crossover <sup>5</sup>	4000Hz
Frequency Range	Middle:300Hz-5500Hz High:3500Hz-18000Hz
Voice Coil Diameter	Middle:99.2mm High:65mm
Winding Material	Middle&High:Flat Aluminum
Former Material	Middle&High:Kapton
Flux Density	Middle:1.9T High:2.15T
Diaphragm Material	Middle&High:Polymer
Phase Plug Material	Middle:Aluminum High:Aluminum
Cover Material	Cast Aluminum
Magnet Material	Middle&High:Neodymium
Net Weight	3.8kg

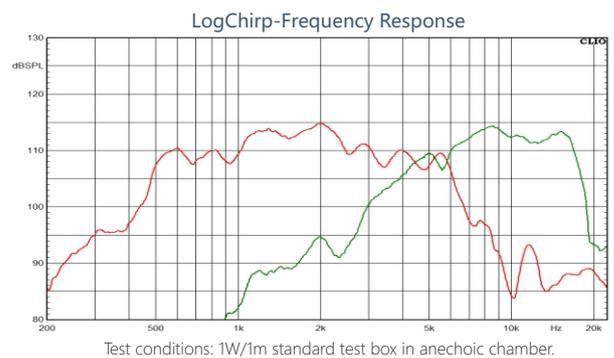
### NOTES

1. Driver mounted on 275×270×260H horn.
2. Two hours test according to AES 2-1984 Rev. 2003.  
Power calculated on rated minimum impedance.
3. Maximum power is defined as 3dB greater than Nominal power.
4. Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.
5. 12 dB/oct. or higher slope high-pass filter.
6. Power test made with continuous pink noise signal within the range from the recommended crossover frequency to 20kHz.

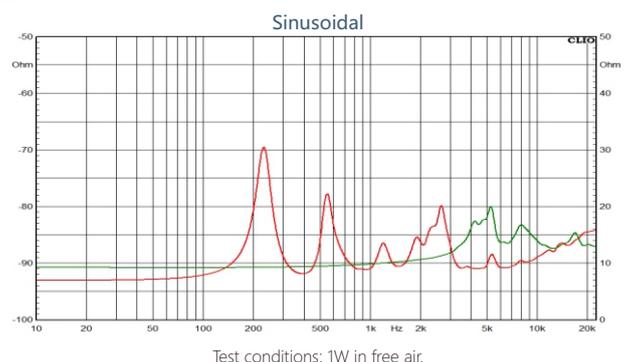
### MECHANICAL DRAWING



### FREQUENCY RESPONSE CURVE



### IMPEDANCE CURVE







Vivid Acoustics

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