



# TAOGLAS®



## Datasheet

### 4 x 6 Inch Two Way Coaxial Speaker - 8 Ohm - Foam Gasket

**Part No:**  
**SPKA.46.8.B**

#### **Description:**

4 x 6 Inch Two Way Coaxial Speaker - 8 Ohm 25W RMS

Foam Gasket on front of frame

Rugged design for installation in a wide range of vehicles

#### **Features:**

8 Ohm Impedance

Rated Input Power 25W RMS

Max Input Power 50W Peak

Sensitivity 88 dB 1W @ 1m

Dimensions 158 x 107 x 56 mm

Connector Delphi 12052832

RoHS & Reach Compliant

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## 1. Introduction



Featuring a rugged design, in an industry standard form factor enabling ease of installation in a wide range of vehicles, with high levels of long term reliability and best in class performance Taoglas products are known for.

Our 4 x 6 Inch Two Way Coaxial Speaker offers full range frequency response and high sensitivity, with 8 Ohm impedance and power handling of 25W RMS and 50W peak. Proven performance in demanding environments including heavy duty trucks and industrial and agricultural equipment. Taoglas added speakers to our product portfolio to provide both high quality connectivity and high quality audio solutions from one trusted company.

SPKA.46.8.B has a foam gasket on front of frame, to minimize noise and vibration when mounted in a vehicle.

Please contact your regional Taoglas customer service team for more information and installation guidelines.

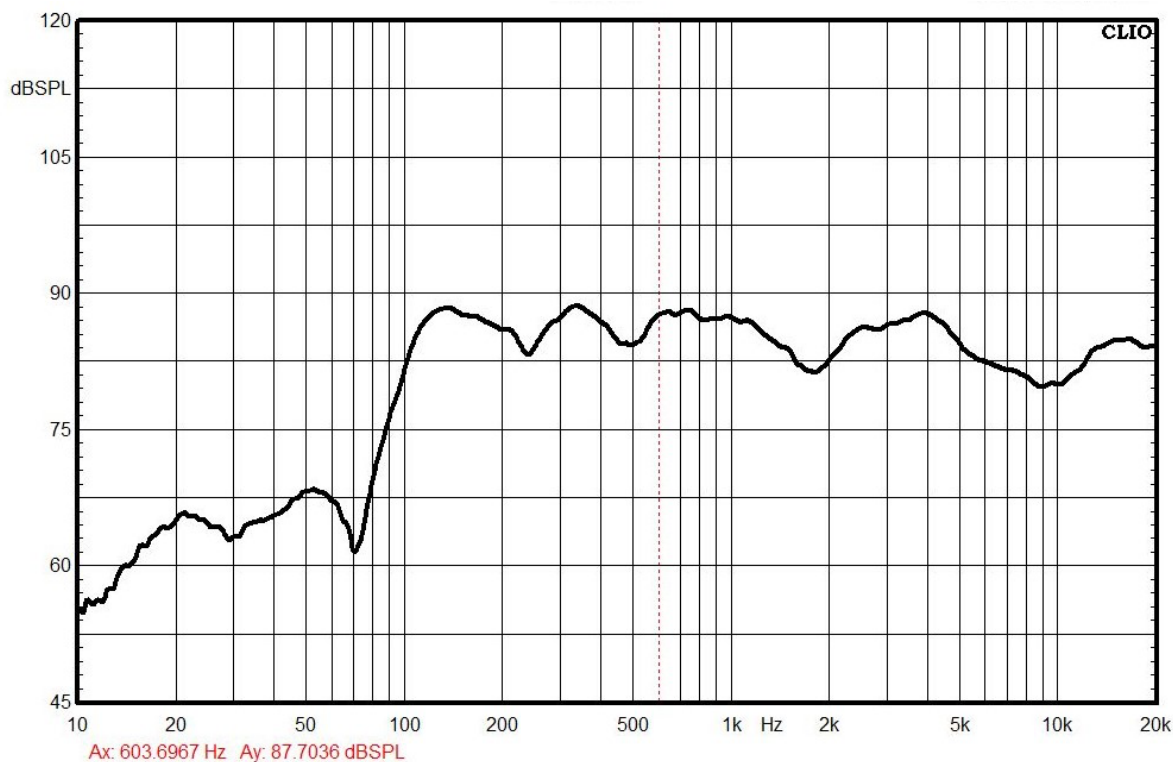
## 2. Specifications

Electrical / Acoustic	
Rated Impedance	8 Ohms +/- 10% Ohms
Frequency Response	100 Hz – 20,000 Hz +/- 6 dB
Sensitivity	88 dB 1W @ 1m
Maximum SPL	102 dB Continuous / 105 dB Peak @ 1m
Rated Input Power	25 Watts RMS (AES Continuous)
Maximum Input Power	50 Watts Peak (IEC Short Term)
Recommended Amplifier Power	25 Watts FTC
Optimal Enclosure Volume (Sealed)	34 Liters
Optimal Enclosure Volume (Ported)	9 Liters
Resonant Frequency	107 Hz +/- 10 % Hz at Rated Input Power
Distortion	3.5 % @ 1 kHz at Rated Input Power
Mechanical	
Dimensions	158 x 107 x 56 mm
Weight	0.5 kg
Connector	Delphi 12052832
Environmental	
Temperature Range	-40°C to 85°C
Humidity	Non-condensing 65°C 95% Relative Humidity

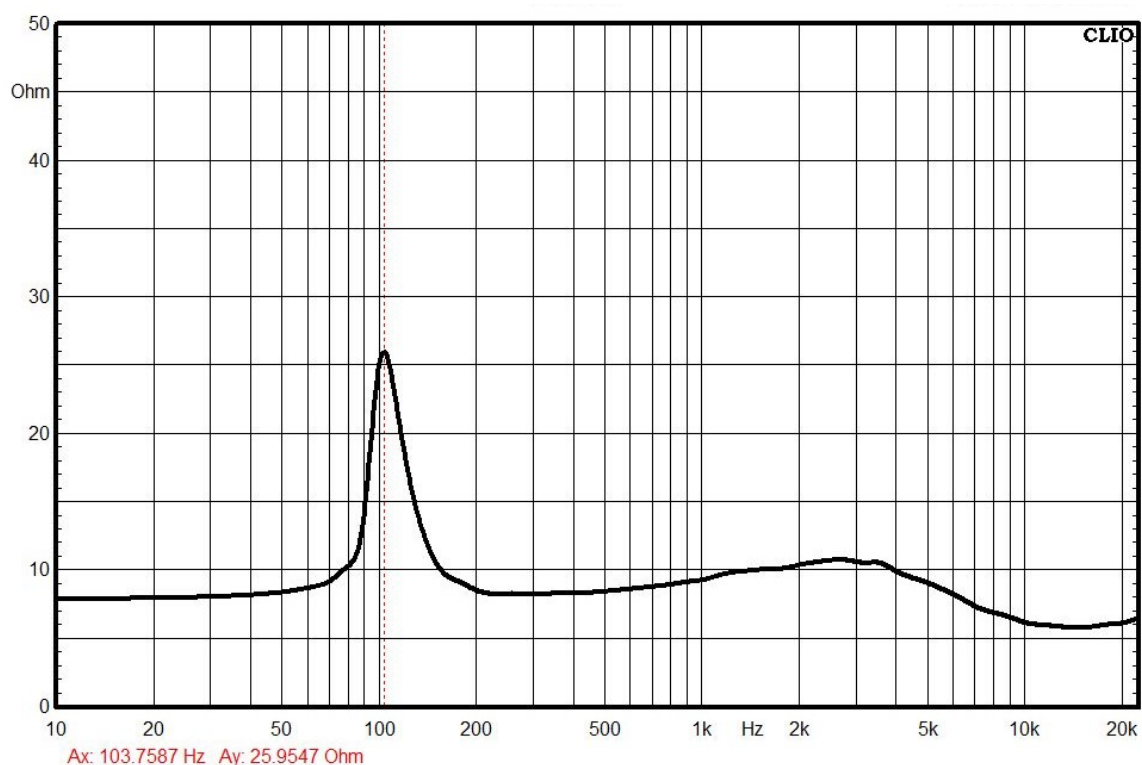


## 3. Frequency Reponse and Impedance Plots

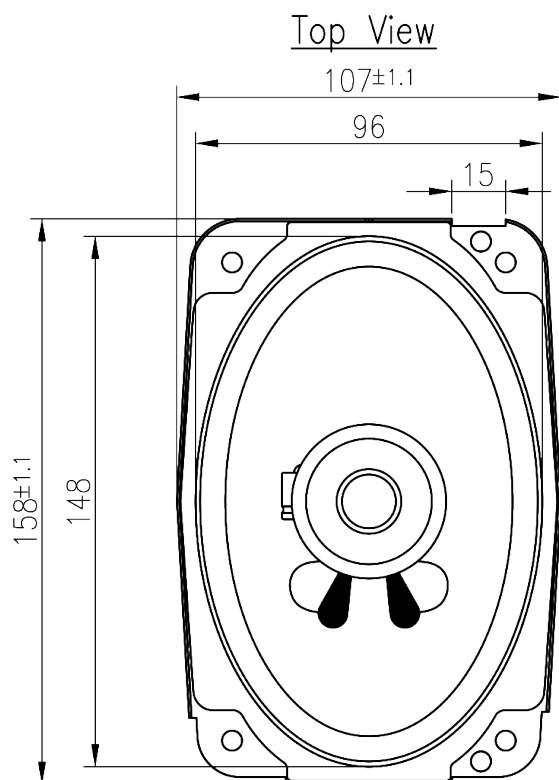
### 3.1 Frequency Response



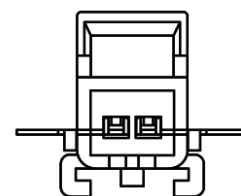
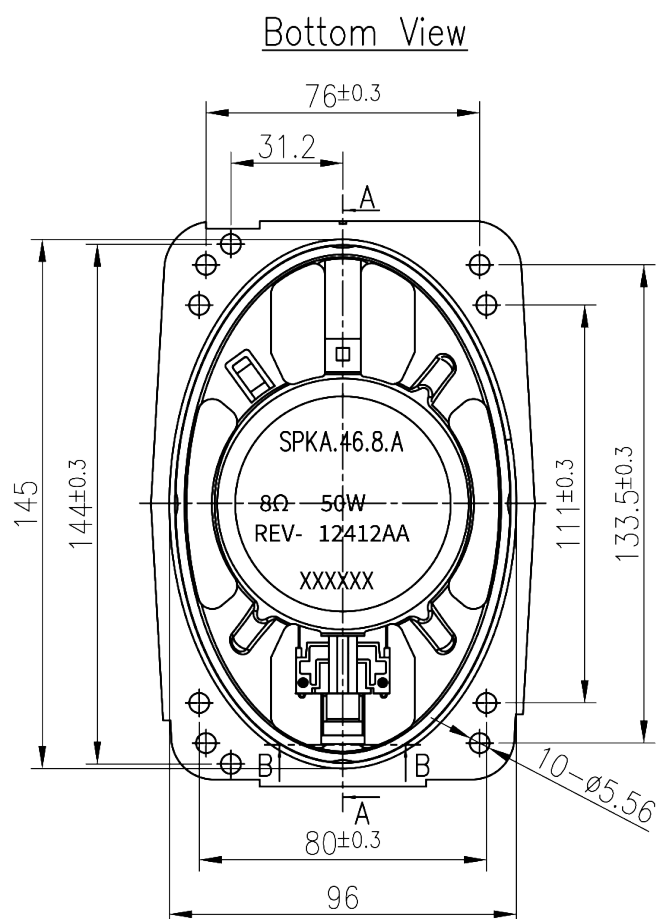
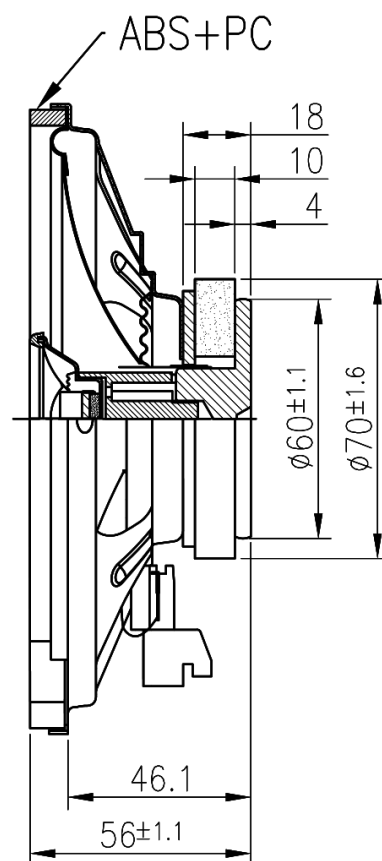
### 3.2 Impedance



## 4. Mechanical Drawing (Units: mm)



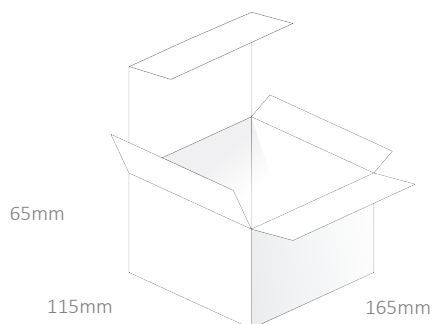
Sectional A-A  
Side View



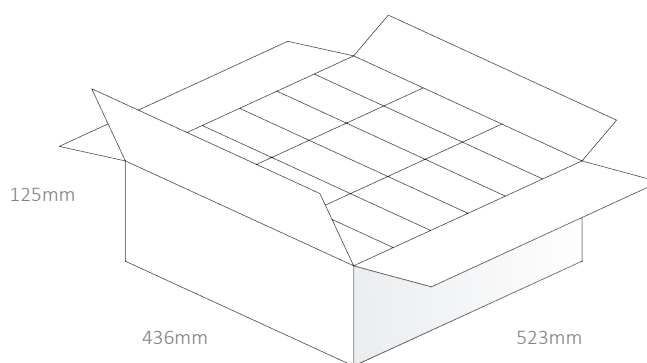
Sectional B-B  
Scale: 1:2

## 5. Packaging

1pcs SPKA.46.8.B per Box  
Dimensions – 165x115x65mm  
Weight – 0.6Kg



18pcs SPKA.46.8.B per carton  
Dimensions – 523x436x125mm  
Weight – 12.5Kg



## Changelog for the datasheet

### SPE-19-8-042 – SPKA.46.8.B

#### Revision: D (Current Version)

Date:	2022-12-16
Changes:	Updated Specifications, Frequency Response Plot, and Impedance Plot, based on third party testing.
Changes Made by:	Mark Brown

#### Previous Revisions

#### Revision: C (Third Release)

Date:	2022-7-19
Changes:	Updated Specifications and overall formatting
Changes Made by:	Mark Brown

#### Revision: B (Second Release)

Date:	2019-05-02
Changes:	Updated Mechanical Drawing
Changes Made by:	Gary West

#### Revision: A (First Release)

Date:	2019-05-02
Changes:	
Changes Made by:	Jack Conroy



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