



TAOGLAS®



Datasheet

6 Inch Full Range Dual Cone Speaker – 4 Ohm

Part No:
SPKR.6.4.A

Description:

6 Inch Full Range Dual Cone Speaker - 4 Ohm 35W RMS
Rugged design for installation in a wide range of vehicles

Features:

4 Ohm Impedance
Rated Input Power 35W RMS
Max Input Power 70W Peak
Sensitivity 87 dB 1W @ 1m
Dimensions: 158 x 158 x 54 mm
Connector: Packard Electric 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 6 Inch Dual Cone Full Range Speaker offers response optimized for voice and high sensitivity, with 4 Ohm impedance and power handling of 35W RMS and 70W 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.

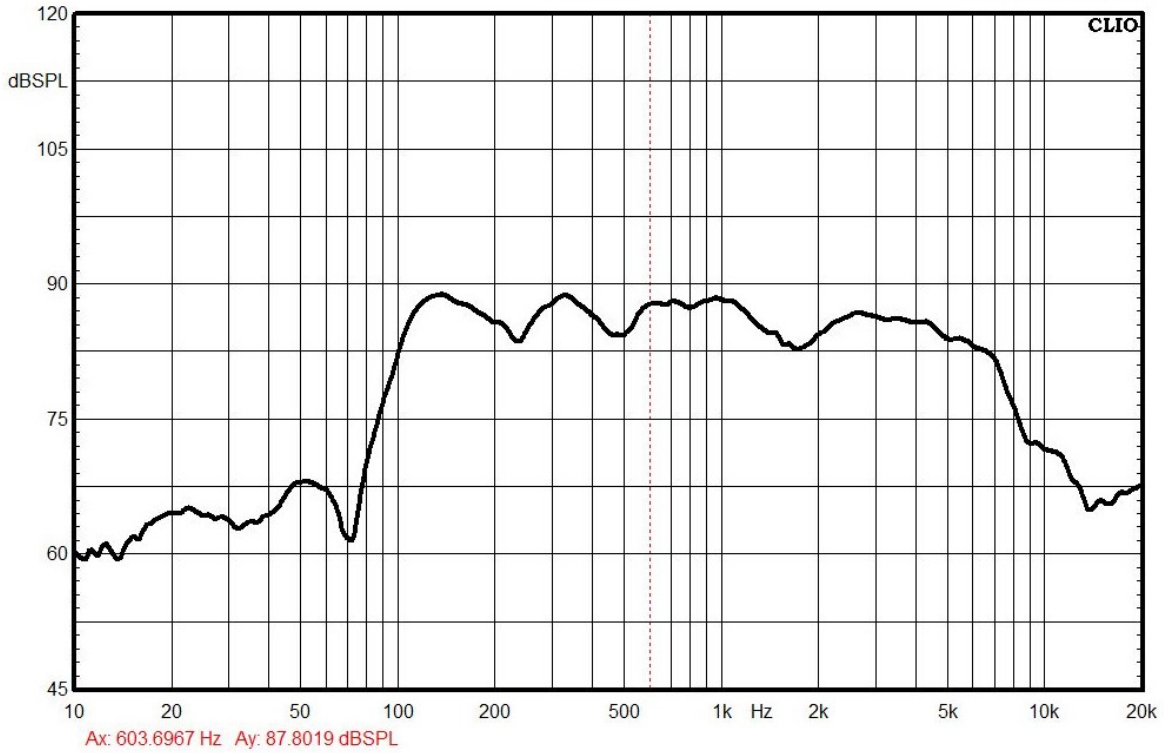
Please contact your regional Taoglas customer service team for more information and installation guidelines.

2. Specifications

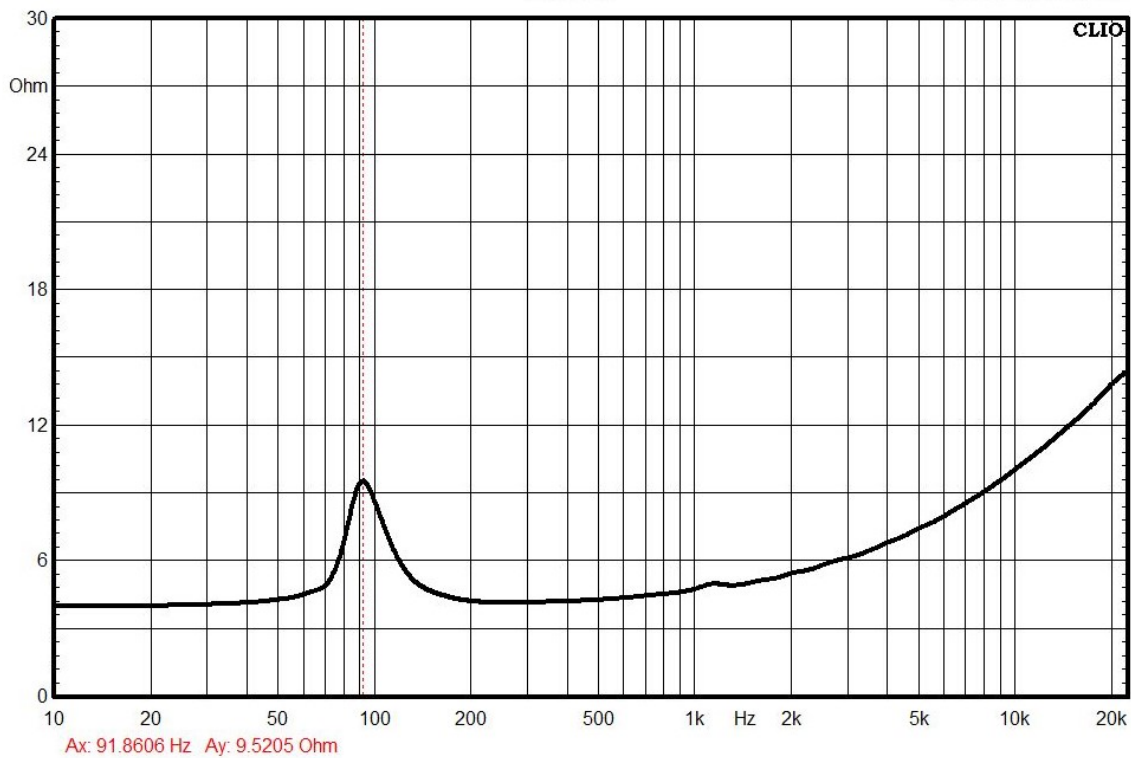
Electrical / Acoustic	
Rated Impedance	4 Ohms +/- 10% Ohms
Frequency Response	90 Hz – 10,000 Hz +/- 6 dB
Sensitivity	87 dB 1W @ 1m
Maximum SPL	102 dB Continuous / 105 dB Peak @ 1m
Rated Input Power	35 Watts RMS (AES Continuous)
Maximum Input Power	70 Watts Peak (IEC Short Term)
Recommended Amplifier Power	35 Watts FTC
Optimal Enclosure Volume (Sealed)	58 Liters
Optimal Enclosure Volume (Ported)	15 Liters
Resonant Frequency	94 Hz +/- 10% Hz at Rated Input Power
Distortion	3.3% @ 1 kHz at Rated Input Power
Mechanical	
Dimensions	158 x 158 x 54 mm
Weight	0.54 kg
Connector	Packard Electric 12052832
Environmental	
Temperature Range	-40°C to 85°C
Humidity	Non-condensing 65°C 95% Relative Humidity

3. Frequency Reponse and Impedance Plots

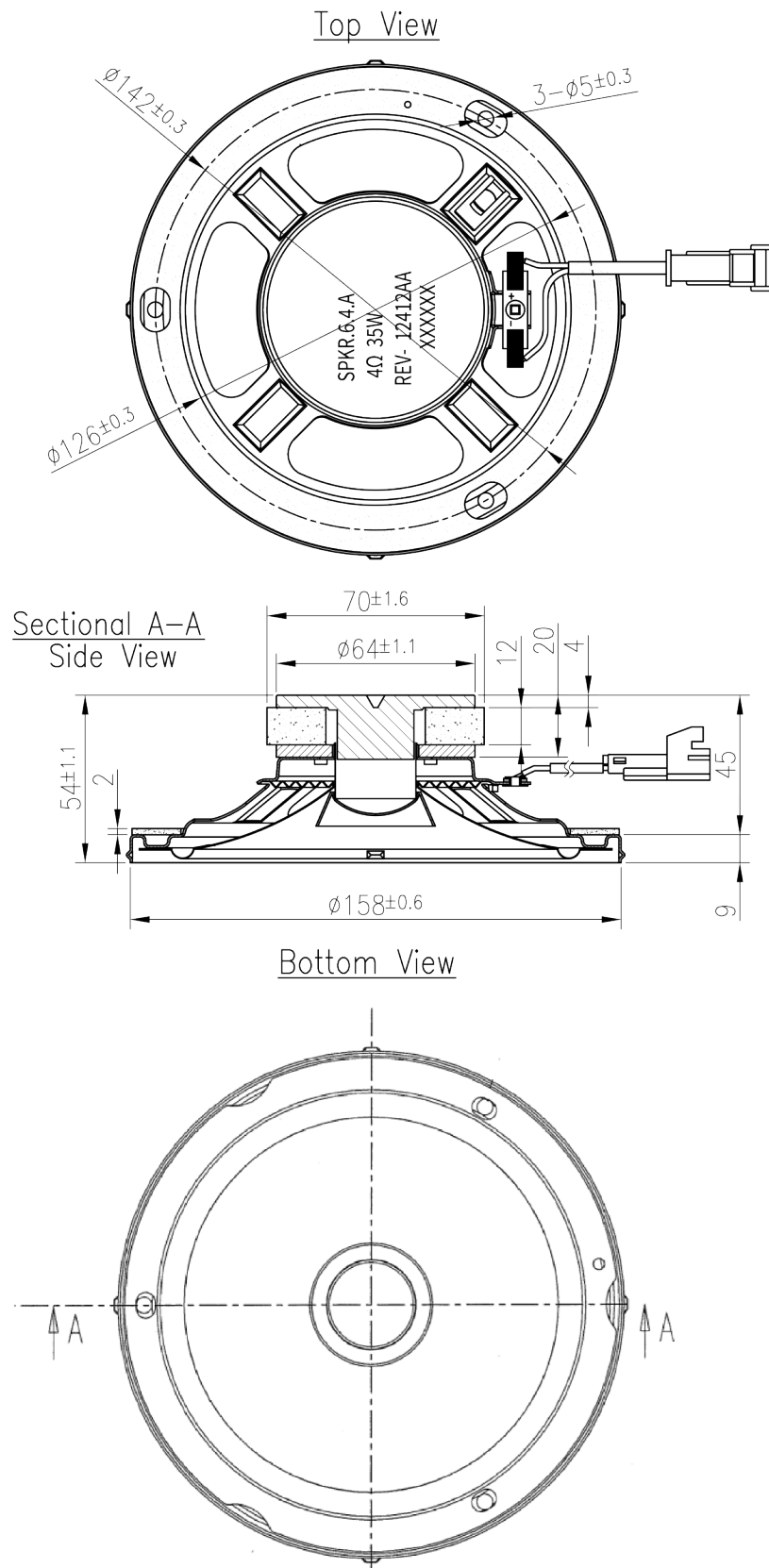
3.1 Frequency Response



3.2 Impedance

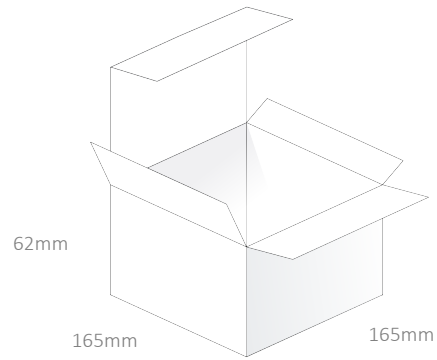


4. Mechanical Drawing (Units: mm)

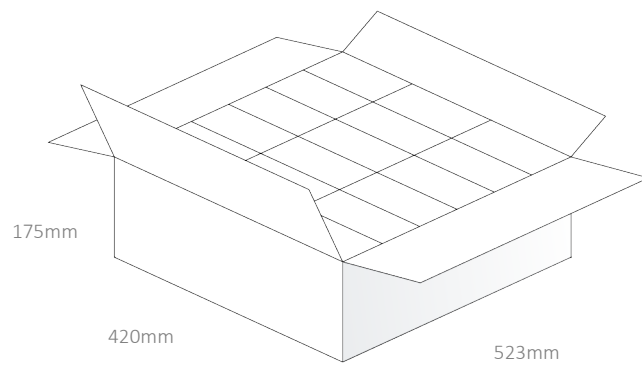


5. Packaging

1pcs SPKR.6.4.A per carton
 Dimensions – 165 x 165 x 62mm
 Weight – 0.62Kg



18pcs SPKR.6.4.A per carton
 Dimensions – 523 x 420 x 175mm
 Weight – 13Kg



Changelog for the datasheet

SPE-19-8-041 – SPKR.6.4.A

Revision: E (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: A

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

Revision: B

Date:	2019-09-12
Changes:	Updated Drawing
Changes Made by:	Jack Conroy

Revision: C

Date:	2021-07-13
Changes:	Updated Mechanical Drawing
Changes Made by:	Gary West

Revision: D

Date:	2022-7-05
Changes:	Updated Specifications
Changes Made by:	Cesar Souza