

KAS-PCL8100 Professional Compact Line Array Speaker



DESCRIPTION

ULTRAKPA compact line arrays feature high speech intelligibility for professional voice and natural music transmission perfectly suited medium sized applications; they are made of high quality components, providing outstanding coverage control over a specific area with extremely accurate dispersion angle all these features and more comes in decorative elegant design that provides even coverage over any range of audience.

The professional compact line array speaker with its new flexible and versatile modular design up to 8 MZ-3 modules can be connected together to meet any requirement in the pro audio field as usable with its 2 way directive box speaker.

The acoustic performance of this speaker excels any other conventional similar speaker.

MAIN APPLICATIONS

- Medium Sized Auditoriums, Professional Studios, Theatres and Live Musical Performances
- Corporate A/V professionals and Conference Halls
- House of Worship, Hospitality Venues, Education and Training Centers

MAIN FEATURES

- **Excellent Intelligibility**
- **Modular Design up to 8 MZ-3 Modules Connected Together**
- **High Power Compared to Size**
- **Reliable Performance**
- **Significant Vocal Clarity**
- **Suitable for Indoor Professional Applications**
- **Easy Installation**
- **Extremely Accurate Dispersion Angle**
- **Remarkable Sound Quality**
- **Outstanding Coverage Control**
- **Decorative Elegant Design**

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MZ-3 MODULE TECHNICAL SPECIFICATIONS

COMPONENTS

Speaker type	2-way
Transducer high	3x0.5" dome tweeter
Transducer low	1x4" ferrite woofer 1x1" voice coil

ELECTRICAL

Effective frequency range, Hz	60 - 20000
S.P.L., @ 1 m, 1 Watt, 1 kHz, dB	92
S.P.L., @ Full power / 1 m, dB	106
Horizontal beamwidth, degree	110
Vertical beamwidth, degree	20
Crossover frequency	3KHz passive

POWER

Rated power, watts	30
Continuous power, watts	50
Driver impedance, ohms	8

INTERFACE

Connectors	High quality speaker sockets Parallel or series Steel stirrup material
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ENVIRONMENT

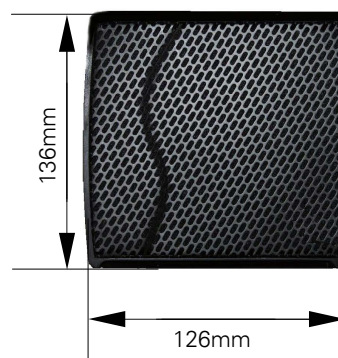
Storage Temperature	-20°C to +70°C, -4° to 158°F
Operation Temperature	0°C to +40°C, 0°F to 104°F
Humidity (non condensing)	80%RH to at least +65°C 80% RH to at least-149°F
Altitude	3000 meter, 10000 feet maximum

MECHANICAL

Dimensions (W x H x D), mm	126 x 136 x 136
Net weight, Kgs	1.4
Enclosure material	Aluminum alloy cabinet
Finish	Resistant paint
Color	White: KAS-PCL8100W Black: KAS-PCL8100B

DIMENSIONS

Unit : mm



CONNECTOR DIAGRAM



Conversion: 1" = 25.4mm
Measurement conversions are approximate



Every effort has been made to ensure that all the information in this document was correct at the time of going to press. However we are constantly striving to improve our range wherever possible and therefore reserve the right to change the specification of any product without prior notice.

R&D is constantly improving our products therefore specifications, features and appearance are subjected to change without notice

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