

Point 12-P (60° x 40°)

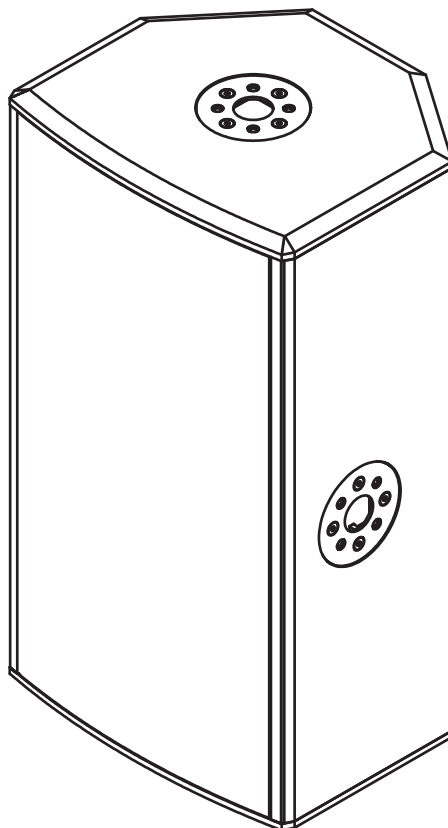
Touring [964-0010]

Installation [964-0009]

PRODUCT INFORMATION BOOKLET

Document Reference: P12-P_60x40_PIB_EN_1.2

Distribution Date: October 30th, 2014



General Information

Congratulations on your purchase of the Adamson Systems Engineering Point 12-P point source enclosure. Included in your shipment should be: **1x Point 12-P (60° x 40°) enclosure**

All products manufactured by Adamson Systems Engineering are inspected before packaging and shipping and should arrive free from technical and visual defects. After opening the shipping container, check for any damage. If found, please notify your Adamson representative immediately. The consignee should then initiate a damage claim with the shipping agent. Be sure to save all contents and packing materials to be inspected by the carrier.

Read this document thoroughly and completely to become familiar with the product. Also read the product manual containing vital information regarding proper use and safety limits of this product. All accompanying documentation can also be obtained by contacting your Adamson representative, or through the website at <http://www.adamsonsystems.com/>.

We are always improving our products and technology, and as such, Adamson Systems Engineering reserves the right to change the contents of its documents without prior notice. Please refer to Adamson Systems Engineering's website for up to date documentation.

Symbols



Important Operating Instructions - Notification of instructions that must be strictly followed to ensure proper use of the product.



Warning - Indication of a potential risk of harm to an individual or possibility of damage to the product.

Safety Instructions

1. Read this document completely.
2. Follow all safety instructions and heed all warnings indicated by the appropriate signal.
3. This product is not to be modified.
4. This product is only to be used in conjunction with equipment or accessories authorized by Adamson Systems Engineering. Using unauthorized items is prohibited as this allows risk of hazardous accidents and/or personal injury.
5. Read the accompanying user manual before using the product. Follow all instructions regarding use of approved accessories.
6. Before suspending this product, read the accompanying user manual's rigging section.
7. Do not expose this product to extreme environmental conditions, such as excessive heat, moisture or rain for prolonged periods of time.
8. Do not store or transport this product on an unstable surface.
9. When transporting this product, please carry by using the handles, or use the approved transportation accessories.
10. Maintain all documentation shipped with the product. Record any service to the product in the maintenance section, and if re-selling the product, include these documents in the transaction.
11. The maintenance section of this document is to be followed exactly.
12. This product is capable of producing extremely high sound pressure levels which can lead to permanent hearing damage to performers, crew and audience members. Do not stay within close proximity of this product when it is in operation and use appropriate ear protection.

Proper Use



Please read the Point Series User Manual for proper use of this loudspeaker product.

Rigging



Please read the rigging section of the Point Series User Manual for proper rigging techniques and safety limits. Use Blueprint AV™ to determine proper rigging information.

Point 12-P



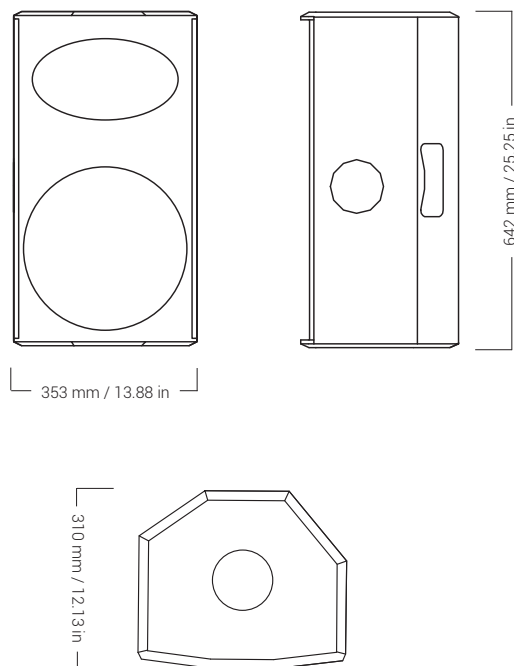
The Point 12 is the most versatile of the Point Series and offers both high fidelity and high SPL handling. The Point 12 is recommended where high SPL is needed with a moderate amount of low frequency energy. Users of the Point 12 can take on just about any task, whether it be replay systems, live bands or speech systems. Its smaller size makes it a compact alternative to the Point 15, where maximum low frequency output isn't needed.

The Point 12 is available in both passive and active(-bi-amped) versions. The first Adamson 12" Kevlar Neodymium design, the ND12-L 8 Ω Kevlar Neodymium driver, and 1.4" exit HF driver mounted on an Adamson fiberglass waveguide, give this remarkable cabinet its power.

Specifications

Frequency Range (+/- 3dB)	60 Hz - 18 kHz
Nominal Directivity (-6dB) H x V	60° x 40° or 90° x 60° Rotatable
Maximum Peak SPL (Active / Passive)**	134.4 dB / 132.5 dB
Components LF	ND12-L 12" Kevlar Neodymium Driver
Components HF	B&C DE800 3" Diaphragm / 1.4" Exit Compression Driver
Nominal Impedance LF	8 Ω
Nominal Impedance HF	16 Ω
Nominal Impedance Passive	8 Ω
Power Handling (AES / Peak) LF	500 / 2000 W
Power Handling (AES / Peak) HF	110 / 440 W
Power Handling (AES / Peak) Passive	610 / 2440 W
Rigging	4x SLR™ Socket, Built-in Polemount Socket
Connection	2x Speakon™ NL4 (Barrier Strip Optional)
Height Front (mm / in)	642 / 25.25
Width (mm / in)	353 / 13.88
Depth (mm / in)	310 / 12.13
Weight (kg / lbs)	20.7 / 45.5 Active, 22.5 / 49.5 Passive
Processing	Lake, XTA

**12 dB crest factor pink noise at 1m, free field, using specified processing and amplification



EC Declaration of Conformity

ADAMSON SYSTEMS ENGINEERING, INC.

1401 Scugog Line 6, Port Perry (ON), L9L 1B2, Canada

Declares that the products:

964-0010 Point 12-P (Touring) and 964-0009 Point 12-P (Installation)

Are in conformance with all applicable essential requirements of the Directives:

2006/95/EC: Low Voltage Directive

They have been designed to comply with the relevant sections of the following standards and technical specifications:

Harmonised Standards

EN 60065 (10/2011):

Audio, Video and Similar Electronic
Apparatus – Safety Requirements

Established at Port Perry, ON, CA - October 30th, 2014



Brock Adamson (President & CEO)



Maintenance

Adamson Systems Engineering products should be regularly inspected to ensure proper performance and safety. Please refer to the Point Series User Manual for detailed instructions.



Only perform repair work using Adamson parts

Any other repair work is not authorized and will void the warranty. Please contact an Adamson representative for further information.

MAINTENANCE RECORD	Serial Number: #_____	
Date	Service Record	Technician

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Point 12-P (60° x 40°)

Touring 2-way point source enclosure [964-0010]
Installation 2-way point source enclosure [964-0009]
LF - 1x 12" ND12-L [940-0012]
HF - 1x 3" DE800 [140-0009]
Passive, SLR™ rigging and polemount support

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