

APPLICATIONS

- Clubs and dance halls
- Installed high power system
- Portable rental systems

FEATURES

- Leading-edge Horn Loading Configuration
- Highly efficient system
- Compact design
- Specifically tailored 21" driver with ND magnet
- Solid 18mm Finnish Birch
- Optional wheels, front grille

DESCRIPTION

The H721 consists of a combination of hyperbolic / Tractrix horn flare coupled to a high power 21" ND driver. The back side of the driver is enclosed in a sealed box that helps reducing the excursion of the diaphragm and contributes to the overall output the system can achieve. This single 21 " renowned Horn design is an evolution of a highly appreciated loading technique developed back in 1992 by Delta Loudspeakers. Developed to work with any mid high frequency speaker available from Lange Loudspeakers the H721 delivers a specific sound character oriented to electronic music and live concert venues. Compared to our H718 the H721 delivers consistently more liveliness below 45 Hz.

The H721 integrates a 1,5 meters long horn with a mouth area of 5310 cm² allowing optimum coupling to the air. The cabinet delivers the maximum possible performance of the driver used conserving a remarkable compactness for a highly flexible application requiring less transport costs. The high excursion yet high magnetic induction driver has been extensively studied in order to obtain an optimal thermal performance under high power conditions.

Special Voice Coil winding techniques as well as carefully selected adhesives also contribute to the high power this system can handle. Internal bracing give the cabinet the robustness needed for years of dependable service. Built with the highest quality 18mm Finnish Birch the cabinet is precisely assembled, glued and pressed together for maximum strength. Black spattered textured finish further improve the robustness of the cabinet during the day after day, year after year service.



SPECIFICATIONS

Sensitivity (1)	106 dB 1W, 1 meter (single unit)
Frequency response (2)	40 Hz – 180 Hz +0/- 6dB
Maximum power Handling (3)	2000 watts
AES Power Handling (4)	1000 watts
Continuous Sound Pressure	133 dB
Power Compression	3 dB
Impedance	8 Ω
Highest recommended frequency	125 Hz
Connectors	2 x Neutrik [®] NL4MP wired: 1+ positive, 1- negative, +2 & -2 loop trough
Box Construction	18 mm (3/4") Birch plywood
Finish	Black epoxy glue, texture paint
Grille	Steel grille, 2mm, black powder coating with polyurethane foam (10ppm)
Dimensions (W-D-H)	90,0 x 90,0 x 59.0 (cm)
Weight	75 Kg
LF Driver type	1x 21" ND driver, 6" Voice coil
Spares & Accessories	H721 "Blickle" black heavy duty Wheel

(1) 1W (2,83V) Sine Wave Sweep, Half Space Conditions, one single unit, measured in front of the horn @ 1 meter distance

(2) Half Space Conditions, one single unit, measured in front of the horn @ 1 meter distance. Different radiation conditions may cause the system to have a more extended LF output.

(3) 3 dB greater than AES Power Rating

(4) AES 1-1984 Rev. 2003