

# Dx Series by *ShermannAudio*

## Mx450



*Supplied with Sherman engraved foam front and not a badged front as shown*

The Mx450 is a compact, low-profile stage wedge with an efficient **15"** bass/mid driver and a high quality **1"** HF driver mounted on a CD horn.

It serves as a premium quality, easily transported stage wedge for conference, worship bands, theatre, AV, club foldback systems and touring sound applications.

**Mx450's** may be operated as a full-range, general purpose FOH PA unit when used with SHERMANN Audio bass cabs.

## Components

|                         |   |
|-------------------------|---|
| <b>Crossover boards</b> | <b>2.4mm glass fibre / copper tracks</b>                |
| <b>Capacitors</b>       | <b>250v polypropylene (2% tolerance)</b>                |
| <b>Inductors</b>        | <b>1 &amp; 1.25mm wire / air cored (2.5% tolerance)</b> |
| <b>Wiring</b>           | <b>2.5mm multi-strand copper</b>                        |
| <b>HF driver</b>        | <b>1" ferro-fluid cooled driver on CD horn</b>          |
| <b>LF driver</b>        | <b>Steel framed 15" / 2.5" voice coil</b>               |

### Connections

**Speakon NL4** pin 1+ **hot** / pin 1- **cold**

### Crossover frequencies

**External:** **4th order 110 Hz** (with SHERMANN Audio LF Systems)

### Specifications

#### System

|                             |                   |
|-----------------------------|-------------------|
| Format                      | 2 way Passive     |
| Network                     | PCN-3             |
| Nom' impedance              | 8 ohm             |
| Hi-pass filter (-3dB point) | 35Hz / 4th order  |
| Rec' amp' power @ 8ohm      | 200-450 watts rms |
| Programme power             | 600 watts         |

#### Performance

|                      |                  |
|----------------------|------------------|
| Sensitivity @ 1w/1m  | 98 dB            |
| Maximum output       | 124 dB @ 1m      |
| Frequency response   | 65 Hz - 18.5 KHz |
| Dispersion (>2.5kHz) | 60° x 80°        |

#### Components

|                    |         |
|--------------------|---------|
| Drive unit (LF/MF) | 380 mm  |
| Drive unit (HF)    | 25mm    |
| Horn unit          | CD Horn |

#### Dimensions

|                 |          |
|-----------------|----------|
| Height          | 443 mm   |
| Depth           | 348 mm   |
| Width           | 641 mm   |
| Apex height     | 358 mm   |
| External volume | 81 lts   |
| Weight          | 22.6 Kgs |

#### Mechanical

|                            |                         |
|----------------------------|-------------------------|
| Connectors                 | "Speakon" NL4 x 2       |
| Connecting pins            | 1+ 1- (option 2+ 2-)    |
| Flying brackets (option) * | (Please call)           |
| Stand mount (option)*      | GSA1/35                 |
| Handles                    | Steel Flip type         |
| Foam front / Welded grille | <b>Standard fitting</b> |

#### Please note

We would like to draw your attention to the likelihood of hearing damage from prolonged exposure to high sound pressure levels. Care should be taken when using cabinets in close proximity to the audience, musicians or artists. For further information on the safe operation of any Sherman Audio product please fax, call or email us - contact details are shown below. The front foam used on this cabinet is not fire retardant.

\* Options must be requested at time of ordering.



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