



B 12



B 18

B 218

## Subwoofer Solutions

B-Series loudspeakers are uncompromising subwoofers, using the latest speaker technologies with extended cooling systems to lower the power compression. The extended controlled Xmax allows the distortion free and impressive reproduction of low and ultra low frequencies.

The double flared ventilation port is designed as a highly efficient waveguide, which reduces airflow noise down to a minimum.

The matrix cabinet design is a stiff and stable wooden cabinet enclosure, which can reduce resonances highly efficient.

The cabinets are constructed from plywood and covered with weather and impact protecting polyurea coating.

The front of the B-Series subwoofers are protected by an air flow optimized metal front grill with acoustically transparent foam. With two additional Speakon connectors on the front it is easy to use the subwoofers also in cardioid setups.

Ideal to use where very high SPL, clear and deep subwoofer performance is needed.

The B-Series subwoofers are compatible with all M-Series and P-Series loudspeakers.

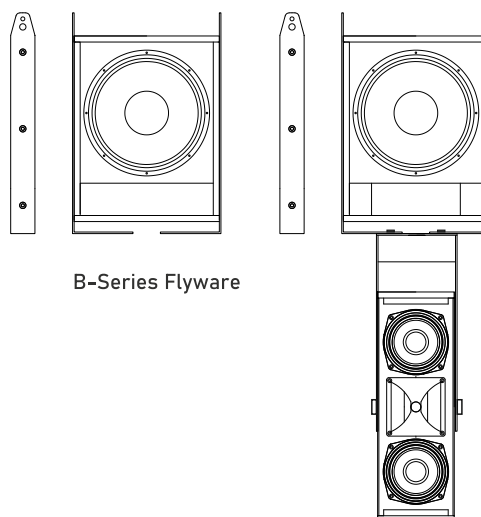
B 12 and B 18 can be flown with an optional flyware kit which also allows the connection to all M-Series and P-Series loudspeakers.



## Features

- Weatherproof cabinet IP54
- Loudspeakers with 4" VC
- High performance FE and ND loudspeakers
- Patented voice coil cooling system
- Airflow optimized front grill
- Double flared ventilation ports
- Very high program power
- Outstanding performance with very high SPL
- Up to 144 dB SPLmax
- Matrix cabinet construction
- Up to 29 mm Xmax
- 2 x Speakon on front for cardioid setups
- Polyurea coating
- Ergonomic grip handles
- Optional Speakon protection cover

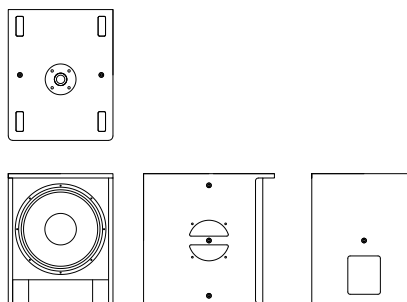
## Accessories



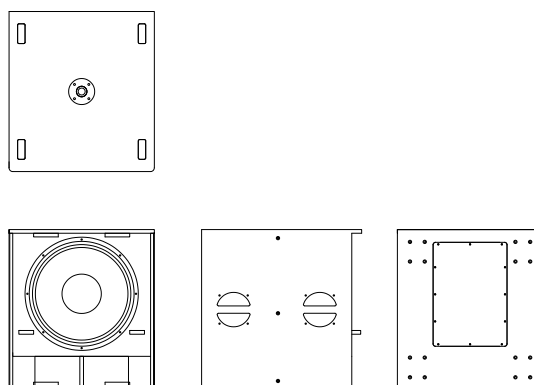
B-Series Flyware

## Technical Data

|                             |  |
|-----------------------------|--|
| System                      | <b>B 12</b>  |
| Frequency Range (-10 dB):   | 12" subwoofer  |
| Coverage Pattern HxV:       | 38 Hz - 400 Hz   |
| Crossover Frequency:        | Omni / Cardioid  |
| Power Rating (AES/Program)  | Active with external DSP   |
| Maximum SPL:                | 600 W / 1200 W   |
| System Sensitivity (1w/1m): | 132 dB SPL   |
| Nominal Impedance:          | 98 dB SPL  |
| Speaker Low:                | 8 ohms   |
| Enclosure:                  | 12" Beyma custom made  |
| Suspension / Mounting:      | 15 mm, matrix design birch plywood                               |
| Finish:                     | 11 x M8, 1 x M20 thread  |
| Grille:                     | Black polyurea coating, IP 54                                    |
| Input Connectors:           | Powder coated, black perforated steel with acoustic cloth inside |
| Dimensions (W x H x D):     | 2 x Speakon NL 4 on the back                                     |
| Net Weight:                 | 2 x Speakon NL 4 on front (Cardioid)                             |
| Optional Accessories:       | 2+/- / 1+/- to Top   |
|                             | 360 mm x 460 mm x 450 mm   |
|                             | 21 kg  |
|                             | Speakon protection cover   |
|                             | M & P Series flyware connector                                   |



|                             |  |
|-----------------------------|--|
| System                      | <b>B 18</b>  |
| Frequency Range (-10 dB):   | 18" subwoofer  |
| Coverage Pattern HxV:       | 32 Hz - 300 Hz   |
| Crossover Frequency:        | Omni / Cardioid  |
| Power Rating (AES/Program)  | Active with external DSP   |
| Maximum SPL:                | 1600 W / 3200 W  |
| System Sensitivity (1w/1m): | 138 dB SPL   |
| Nominal Impedance:          | 99 dB SPL  |
| Speaker Low:                | 8 ohms   |
| Enclosure:                  | 18" Beyma custom made  |
| Suspension / Mounting:      | 15 mm, matrix design birch plywood                               |
| Finish:                     | 6 x M8, 1 x M20 pole socket                                      |
| Grille:                     | Black polyurea coating, IP 54                                    |
| Input Connectors:           | Powder coated, black perforated steel with acoustic cloth inside |
| Dimensions (W x H x D):     | 2 x Speakon NL 4 on the back                                     |
| Net Weight:                 | 2 x Speakon NL 4 on front (Cardioid)                             |
| Optional Accessories:       | 2+/- / 1+/- to Top   |
|                             | 590 mm x 650 mm x 650 mm   |
|                             | 38 kg  |
|                             | Speakon protection cover   |
|                             | M & P Series flyware connector                                   |



|                             |  |
|-----------------------------|--|
| System                      | <b>B 218</b>   |
| Frequency Range (-10 dB):   | 2 x 18" subwoofer  |
| Coverage Pattern HxV:       | 27 Hz - 300 Hz   |
| Crossover Frequency:        | Omni / Cardioid  |
| Power Rating (AES/Program)  | Active with external DSP   |
| Maximum SPL:                | 3200 W / 6400 W  |
| System Sensitivity (1w/1m): | 144 dB SPL   |
| Nominal Impedance:          | 103 dB SPL   |
| Speaker Low:                | 4 ohms   |
| Enclosure:                  | 2 x 18" Beyma custom made  |
| Suspension / Mounting:      | 15 mm, matrix design birch plywood                               |
| Finish:                     | 2 x M20 pole socket  |
| Grille:                     | Black polyurea coating, IP 54                                    |
| Input Connectors:           | Powder coated, black perforated steel with acoustic cloth inside |
| Dimensions (W x H x D):     | 2 x Speakon NL 4 on the back                                     |
| Net Weight:                 | 2 x Speakon NL 4 on front (Cardioid)                             |
| Optional Accessories:       | 2+/- / 1+/- to Top   |
|                             | 1200 mm x 590 mm x 700 mm  |
|                             | 80 kg  |
|                             | Speakon protection cover   |

