

ShermannAudio

CB218^{v2}

The reintroduced **CB218** by Sherman® is a major advance in the development of high power, low frequency drive systems.

It's been designed to be a future proof backbone for the touring industry.

Based upon earlier versions, the mark 2 version of the **CB218** offers greater efficiency and higher power handling than earlier models.

The **CB218** is built throughout from high density, multi-laminate 18mm and 24mm birch plywood.

This model is capable of working with current Sherman models such as the G3, G5 and G8 models along with the older CA3 & CA6 cabinets.



On stage

We recommend that the **CB218** is positioned in horizontal mode for optimum performance. In the preferred horizontal mode the **CB218** cabinet may be stacked up to 4 high.

Pole Mount

To assist with positioning of a pole mounted mid/high cabinet the **CB218** is equipped with a K&M 20mm screw thread adaptor.

These are positioned so that the pole may only be fitted while the cabinet is in horizontal mode.

Connectors

Standard pin connection is 2 x NL4 sockets.

Optional connection is via 2 x NL8 sockets or a special order plate housing 2 x NL4 and one NL8 connector.

Construction

The **CB218** is manufactured using void-free 18 and 24mm birch plywood with an interlocking baffle assembly.

A new method of bracing the cabinet has been developed to create a thoroughly rigid enclosure.

This bracing technique, whilst being comparatively light in weight, has the additional function of reducing excessive airflow within the acoustic chamber.

External

The cabinet is equipped with six large insert handles which have been designed to be large enough to accept gloved hands.

The rear of the cabinet has four heavy duty 100mm castors permanently fitted to assist with the mobility of this cabinet.

Finish

Standard external finish is our black textured water based SW-Coat.

An alternative would be our heavy-duty textured R-Coat.

For install other styles of painted finish are available.

Placement

Horizontal placement is simplified through the fitting of skids however, we also offer matching receptors on the long sides of each **CB218**.

Four high stacking would then be an option.

Tie down track

Available to order the **CB218** may be equipped with three point tie down track.

Technical Specifications

System

format	VR2 loading
cabinet impedance	4 ohms
rms power rating	2,000watts rms

Performance

frequency response (-3dB)	41 Hz - 115 Hz
sensitivity	101 dB @ 1w/1m
output at rated power	133 dB @ 1m

Components

drive unit size	462 mm / 18"
voice coil diameter	102 mm / 4"
chassis	cast aluminium
suspension	dual
magnet	ferrite
mounting	6mm caphead bolts x 8

Dimensions

width	1016 mm / 40.70"
depth over castors	913 mm / 35.94"
depth - excl' castors	788 mm / 31.00"
height	532 mm / 20.90"
external volume	432 lts / 16.77 ft ³
weight	78 Kgs / 172 lbs

* Options must be requested at time of ordering.

For optimum performance and system protection we recommend the use of a digital loudspeaker management unit within systems incorporating the **CB218**.

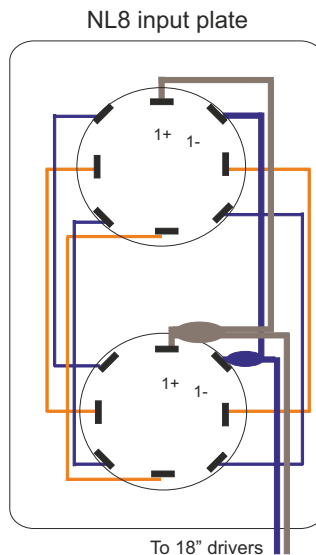
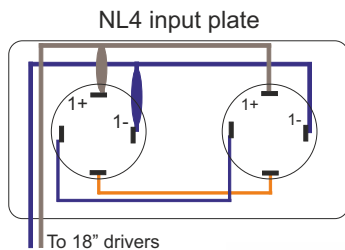
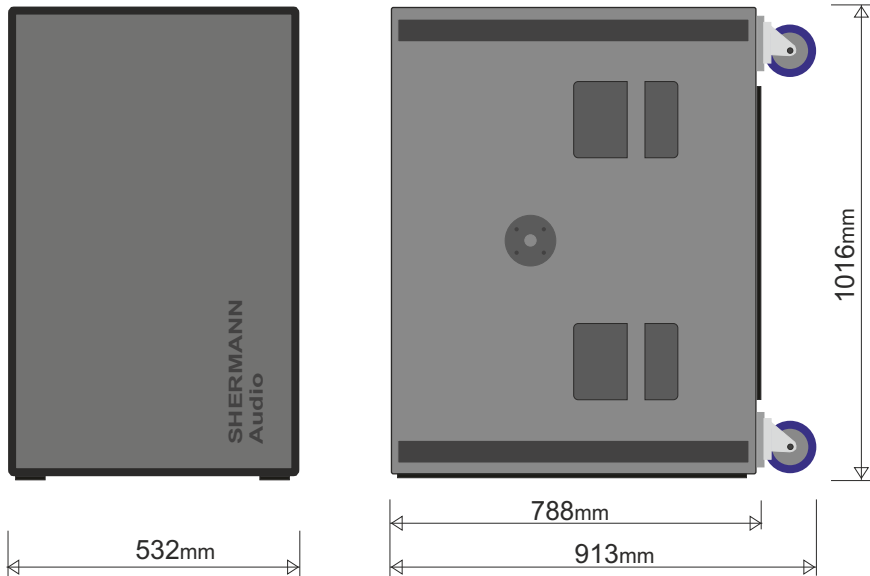
BSS, Ashly, Klark-Teknik, dB-Mark and XTA manufacture suitable models which may be loaded with preset configurations to operate with any Sherman system.



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C Series

CB218^{v2}



Speaker Cables

We recommend the use of 4mm² or 6mm² OFC cabling with all Sherman LF drive cabinets.

Wherever possible, cable lengths should not exceed 2.5 metres for 2 ohm loading (2 x 4ohm CB218 in parallel); cabinet link cables should not exceed .8 metre.

Please call for details on Sherman cables - contact info* shown below.

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 product please fax, call or email us - contact details are shown below.

Textured Protective Coating.

The coating currently applied to Sherman loudspeakers is an extremely hard wearing textured finish designed to protect the loudspeaker cabinet during normal use.

Damage may be caused through contact with sharp objects or if stacked against flight cases or any other item with metal fittings during transportation.

Whilst this style of coating is generally accepted as more durable than a paint finish it should be accepted that S-Coat is not armour plating and as such, may indeed be scratched or damaged.

The information within this data sheet is accurate and correct at the time of publication.

It is recommended that all technical information is verified with the company before inclusion in quotations or tender documents as The Company will not be held responsible for losses or difficulties arising from errors, changes or omissions.

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Exterior fittings

Handles (eight in total)
2 each side / 2 each end

Handles (type)
All sealed insert style

Castors (rear mounted x 4)
100mm heavy duty swivel type.

Finish

SW-Coat water based paint
R-Coat ultra heavy duty black textured coating option;

Grille

Heavy duty steel mesh c/w acoustically transparent foam and engraved logo.

Skids

Bottom and rear mounted easily replaced 18mm plywood skids
Skid slots for stacking in horizontal mode supplied as standard

Construction

Cabinet shell
24mm multi-laminate Scandinavian birch plywood.

Baffle assembly
24mm multi-laminate Scandinavian birch plywood.

Connections

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

Speakon NL8 (option) *
pin 1+ **hot** / pin 1- **cold**

Wiring (NL4 & NL8 connectors)

Brown + / Blue -

Connector / back plate options *

- 1) Dual NL8 - standard fitting
- 2) Dual NL4 - optional
- 3) Dual NL4 plus 1 x NL8

All sockets are parallel linked on all available pins eg. 1+ 1- / 2+ to 2+ (see diagrams)

Crossover frequencies

High pass

32Hz 8th order Linkwitz-Riley

35Hz 8th order Butterworth

Low pass (best below)

115Hz 4th order Linkwitz-Riley

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The foam fronts used on these cabinets are not fire retardant.