

# Processed Active Subwoofer

## MAIN APPLICATIONS

- Permanent installations in:
- Theatres, Concert Halls, Clubs, Places of Worship, Conference Rooms, Indoor Sports, Arenas & Stadiums
- Sound reinforcement for live events:
- Touring, Bands, Orchestras

## MAIN FEATURES

- Ground stack direct load subwoofer
- Double 18" B&C very high excursion woofer with 4" voice coil
- Class D amplifier delivering 4000W RMS with switch mode power supply
- Frequency Response from 30Hz @-6dB
- 0.7" birch plywood enclosure, scratch resistant black paint, 6 handles and heavy duty metal grille with synthetic protection cloth
- M20 top mount stand socket
- Optional 4 swivel-mount 4" (100mm) casters
- Low frequency extension cabinet for the MUSE 210LA line array for ground stacked configurations

## DESCRIPTION

MUSE 218SA is a direct radiation ground subwoofer, has two B&C 460mm long excursion speakers with 100mm voice coil and 4000W class D amplification, capable of 148.5dB SPL. The bass-reflex cabinet offers substantial energy up to 30Hz and is ideal for extending and reinforcing the low frequencies of the MUSE 210LA line array in ground-stack configuration. It has presets to create various configurations with cardioid directivity, where some subwoofers face rearwards from the audience to acoustically cancel the sound pressure behind the cluster, obtaining a reduction of the SPL on the back by over 15dB. The enclosure, optimized with BEM-type acoustic simulations to reduce resonance and turbulence of the ducts, is built with 18mm birch plywood with six handles and scratch-resistant paint. Reinforced front mesh with protective fabric and provision for optional four swivel-mount 4" (100mm) casters in the rear panel.

## TECHNICAL SPECIFICATIONS

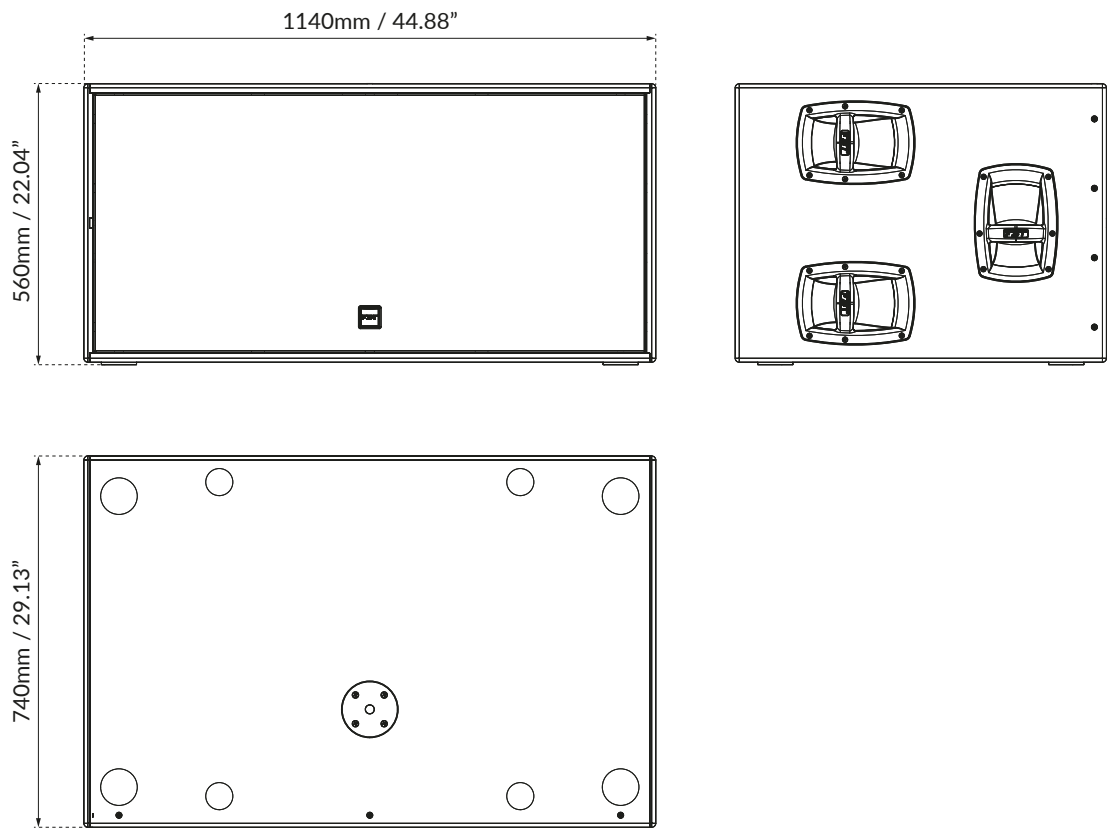
GENERAL		
Code		45176
Configuration	way	1 reflex
Low frequency woofer	inch	2 x 18 - 4 coil
High frequency driver	inch	---
ACOUSTIC SPECIFICATIONS		
Frequency response (@-6dB)	Hz	30 - preset dependant
MAX SPL (cont/peak)	dB	142.5 / 148.5 half-space
Dispersion	H° x V°	Omnidirectional
INPUTS & OUTPUTS		
Power supply connectors		PowerCon IN/OUT
Input connectors		XLR IN/OUT
POWER SUPPLY		
AC power requirement	W	800
	mt	5
	ft	16.4



AMPLIFIER		
Built-in amplifier MAX	W	4000
Built-in amplifier peak	W	8000
Input impedance	Ohm	22k

MECHANICAL SPECIFICATIONS		
Material	Cabinet	0.7" birch plywood
	Grille	Heavy-duty metal
Net dimensions (WxHxD)	mm	1140 x 560 x 740
	inch	44.88 x 22.04 x 29.13
Transport dimensions (WxHxD) with pallet	mm	1225 x 840 x 730
	inch	48.23 x 33.07 x 28.74
Net weight	kg	99
	lb	218.25
Transport weight with pallet	kg	115
	lb	253.53

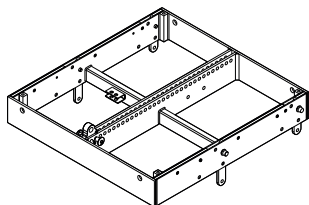
DIMENSIONAL DRAWINGS



CONTROL PANEL



## ACCESSORIES

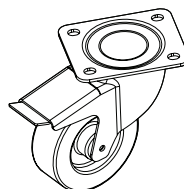


### MS-F 210

#### Flying Bar

Code: 38834

686 x 100 x 652mm  
27 x 3.93 x 25.66inch  
30 kg / 66.13 lb

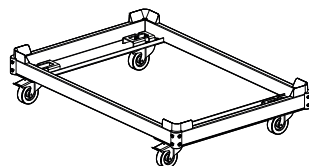


### KBW-1004S

#### 4 Wheels Kit with Brake

Code: 25197

ø100mm  
ø4inch  
4 kg / 8.81 lb

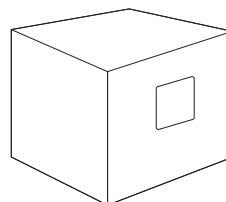


### MS-T 218

#### Trolley or Ground Stack

Code: 45321

1215 x 242 x 854mm  
47.83 x 9.52 x 33.62inch  
25 kg / 55.11 lb

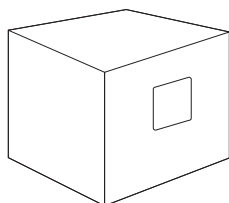


### MS-C 218

#### Nylon Cover

Code: 45178

1.80 kg / 3.96 lb



### MS-CH 218

#### Nylon Cover

Code: 45177

1.80 kg / 3.96 lb