



MITUS 218S

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

FEATURES

- 18mm / 0.70" birch plywood enclosure
- Recommended amplifier 4000W RMS / 4 Ohm
- 2 x 460mm/18" custom B&C neodymium magnet with
100mm/3.9" coil
- Frequency response 30Hz - 100Hz
- Input panel with Neutrik speakon NL-4MDV *in & out*
connectors
- SPL cont. / peak 143/147dB
- 4 swivel mount casters 100mm / 3.9" (on request)
- External digital processor required
- Completely Manufactured in Italy

SOUND REINFORCEMENT SUBWOOFER



PRODUCT DESCRIPTION

The FBT MITUS 218S, 2 x 18" large vented bass-reflex subwoofer is the perfect low-frequency extension for the MITUS range and the ideal companion for the FBT MITUS 206L line array for ground stack applications with optional MTB206 metal base. The FBT MITUS218S shall meet the following performance criteria: Frequency response of 30Hz to 100Hz, Frequency sensitivity of 102dB, Maximum SPL of 147dB peak, Recommended power amplifier 4000W RMS/4 Ohm. The FBT MITUS 218S feature 0.70" Baltic birch plywood construction covered in a scratch resistant black paint with a M20 top-mounted stand adapter and six FBT design aluminium handles. The rear facing input panel provides 2 Neutrik NL4 MD-V speakon female connectors.

ELECTRICAL PERFORMANCE

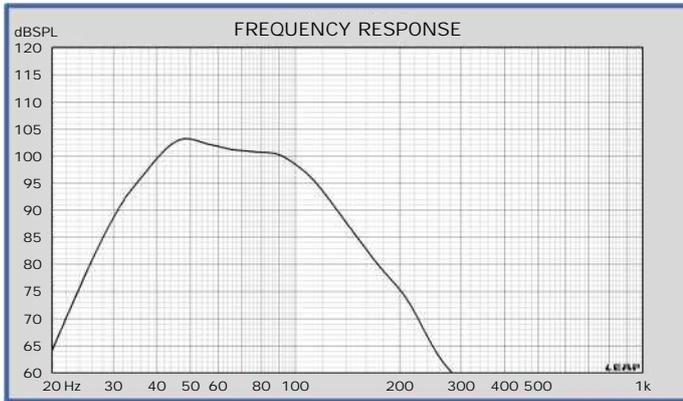
System Type:	vented bass-reflex subwoofer
Recommended Amplifier	4000W RMS
Long Term Power (AES)	2000W
Short Term Power (IEC 268-5)	8000W
Nominal Impedance	4 Ohm
Frequency Response @ -6dB	30Hz - 100Hz
Sensitivity @ 1W, 1m	102dB
Maximum SPL *	CONT. 143dB PEAK 147dB
Dispersion	omnidirectional
Crossover Frequency	external active
Recommended HP filter	25Hz-24dB oct.

PHYSICAL

Low Frequency Woofer	2 x 18" - 3.9" coil
Input Connectors	Neutrik speakon NL4MD-V
Net Dimensions (WxHxD)	39.4" x 23.4" x 28.7" 1000 x 594 x 730mm
Shipping Dimensions (WxHxD)	45.2" x 29" x 35.4" 1150 x 740 x 900mm
Net Weight	191.8 lbs / 87 kg
Shipping Weight	218.25 lbs / 99 kg
Enclosure Material	birch plywood

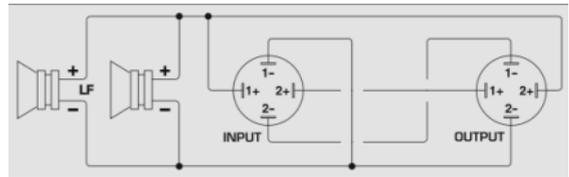
*CONT. SPL: half space, based on recommended amp rating and LF transducer average sensitivity data, 125mS time average
PEAK SPL: half space, based on short term applicable power rating and system peak sensitivity, 10mS time average

DIAGRAMS



Frequency response processed with FBT DLM26 Digital Loudspeaker Management

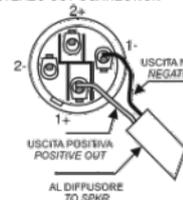
CONNECTORS



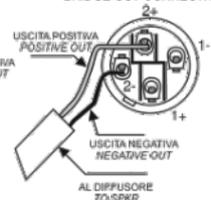
*SPEAKON is a registered trademark of NEUTRIK

SPEAKON®

CONNESSIONE DI USCITA STEREO
STEREO OUT CONNECTION



CONNESSIONE DI USCITA BRIDGE
BRIDGE OUT CONNECTION



CONNECTION PANEL

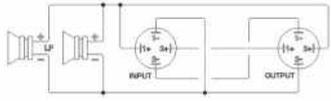
MITUS

218 S

Sound Reinforcement Subwoofer

TECHNICAL SPECIFICATIONS

Nominal Impedance :	4 Ohm
Recommended Amplifier :	4000W RMS
Short Term Power :	8000 W
Long Term Power :	2000 W
Frequency Response (0-6dB) :	30 Hz - 630 Hz
Sensitivity (0.1W, 1m) :	102 dB
Max SPL, cont. / peak :	141 / 147 dB half space omnidirectional
Dispersion :	



INPUT OUTPUT

1+	2+
1-	2-
2+	1+
2-	1-

CAUTION:
IT IS IMPORTANT TO USE AN AMPLIFIER THAT DOES NOT EXCEED 4000 W RMS IN 4 OHM.

ATTENTION:
NO PASSIVE CROSSOVER INSIDE, AN EXTERNAL DIGITAL PROCESSOR IS REQUIRED FOR OPTIMUM PERFORMANCE AND KOOPER SAFETY. PLEASE REFER TO OWNER'S MANUAL FOR SETTINGS.

OUTPUT

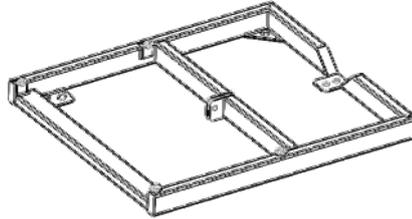


MADE IN ITALY

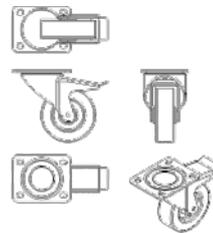
ACCESSORIES



Adjustable, for sub-satellite speaker connection with safety locking device
 Ø35mm / 1.38"



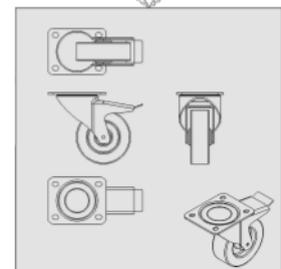
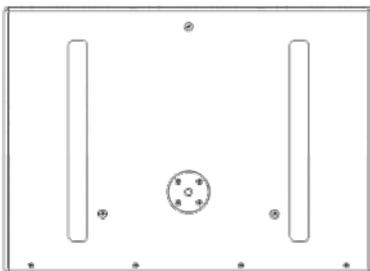
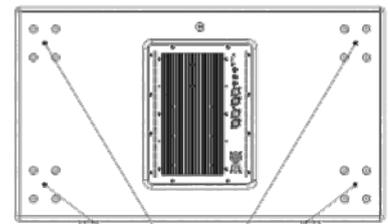
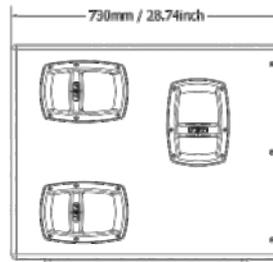
*Metal base to ground
 MITUS 206L/LA
 on MITUS 218SA/S*



Swivel wheel

DIMENSIONAL DRAWING

ONLY FOR GROUND STACK CONFIGURATION



OPTIONAL WHEELS



ANCHORAGE POINTS OF BASE METAL MT B206 SUPPORT FOR THE MITUS 206L/LA ON THE SUB