



MITUS

118S

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 1000W RMS/4 Ohm
- 460mm/18" custom B&C neodymium magnet with
75mm/3" coil
- Frequency response 36Hz - 200Hz
- Input panel with Neutrik speakon NL-4MDV *in & link*
connectors
- SPL capability 138dB
- 4 swivel mount casters 3.15" on request
- External digital processor required
- Completely Manufactured in Italy

SOUND REINFORCEMENT SUBWOOFER



PRODUCT DESCRIPTION

The FBT MITUS 118S, 18" compact vented band-pass 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 metal base. The FBT MITUS 118S shall meet the following performance criteria: Frequency response of 36Hz to 200Hz, Frequency sensitivity of 101dB, Maximum SPL of 138dB peak, Recommended power amplifier 1000W RMS/4 Ohm. The FBT MITUS 118S feature 0.70" Baltic birch plywood construction covered in a scratch resistant black paint with a M20 top-mounted stand adapter and two FBT design aluminium handles. The rear facing input panel provides 2 Neutrik NL4 speakon female connectors.

ELECTRICAL PERFORMANCE

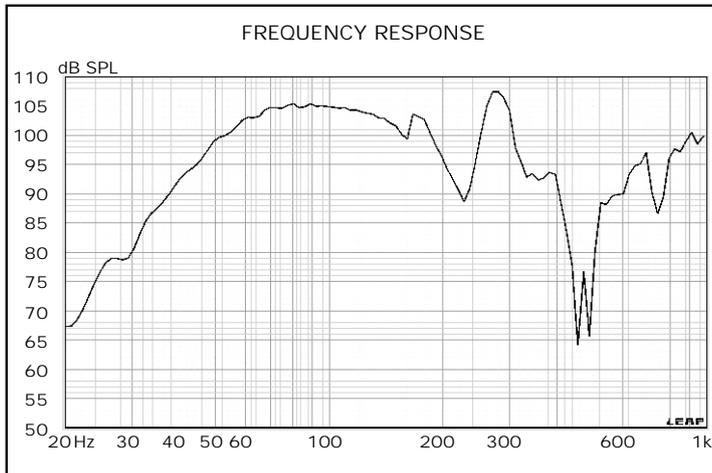
System Type:	vented band pass
Recommended Amplifier	1000W RMS
Long Term Power (AES)	500W
Short Term Power (IEC 268-5)	2000W
Nominal Impedance	4 Ohm
Frequency Response @ -6dB	36Hz - 200Hz
Sensitivity @ 1W, 1m	101dB
Maximum SPL *	CONT. 135dB PEAK 138dB
Dispersion	omnidirectional
Crossover Frequency	external active
Recommended HP filter	32Hz-24dB oct.

PHYSICAL

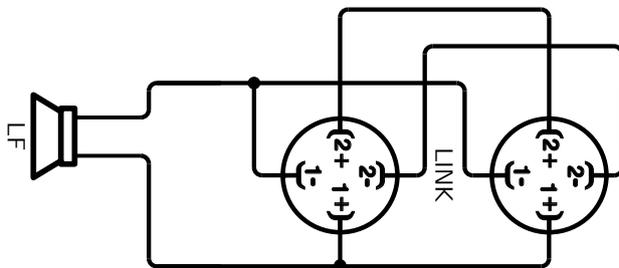
Low Frequency Woofer	1 x 18" - 3" coil
Input Connectors	2 x Speakon NL4 in & thru
Net Dimensions (WxHxD)	22.6" x 23.4" x 28.7" 574 x 594 x 730mm
Shipping Dimensions (WxHxD)	30.7" x 29.92" x 25.19" 640 x 760 x 780mm
Net Weight	99.2 lbs / 45 kg
Shipping Weight	119.5 lbs x 54.2 kg
Enclosure Material	birch 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

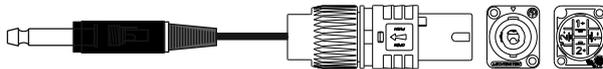
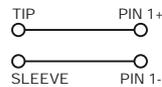
DIAGRAMS



CONNECTORS



*SPEAKON is a registered trademark of NEUTRIK



CONNECTION PANEL

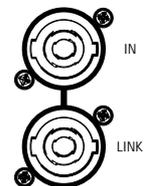
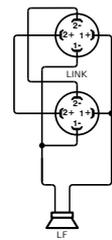
TECHNICAL SPECIFICATIONS

Nominal Impedance:	4 Ohm
Recommended Amplifier	1200 W RMS
Short Term Power:	2400 W
Long Term Power:	600 W
Frequency Response (@6dB):	36 Hz - 400 Hz
Sensitivity @1W,1m:	101 dB
Max SPL cont./peak:	135 / 138 dB
Dispersion:	omnidirectional

Sound Reinforcement Subwoofer

MITUS

118S



CAUTION:
IT IS IMPORTANT TO USE AN AMPLIFIER THAT DOES NOT
EXCEED 1200W RMS @ 4 OHM.

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

FBT



ACCESSORIES

MT B206

MT B206
Metal base to ground
MITUS 206L array or stack
on MITUS 118S

BOX 62BK
Adjustable, for sub-satellite
speaker connection with
safety locking device
Ø35mm / 1.38"

**Swivel wheel for easy
transport when the metal base
lays on the ground**

DIMENSION DRAWING

