

Line Array Subwoofer

MAIN APPLICATIONS

- Permanent installations in:
 - Theatres, concert halls and clubs
 - Places of worship
 - Conference rooms
 - Indoor sports
 - Arenas and stadiums
- Sound reinforcement live events:
 - touring, bands, orchestras

MAIN FEATURES

- 2 x 12" B&C neodymium magnet with 3" coil
- Recommended amplifier: 1000W RMS / 8Ohm
- Frequency response: 50Hz - 250Hz
- MAX SPL capability: 138dB
- Integrated rigging hardware / External digital processor required
- Input panel with Neutrik Speakon NL-4MDV IN & link connectors
- Wide range of hardware accessories for flying and ground stacked configurations
- 0.59" (15mm) birch plywood enclosure
- Completely manufactured in Italy



DESCRIPTION

The FBT MITUS 212FS is a compact and flyable subwoofer featuring 2 x 12" drivers, designed to extend the low frequencies of the MITUS 206L when combined in ground-stacked or flying arrays. The modularity of the FBT MITUS 212FS makes it extremely flexible for a wide range of applications, from small systems to elaborate line array setups consisting of up to 12 MITUS 206L cabinets along with multiple FBT MITUS 212FS subs for large concert events. The FBT MITUS 212FS is expected to meet the following performance criteria: a frequency response of 50Hz to 250Hz, frequency sensitivity of 99dB, maximum SPL of 134dB continuous and 138dB peak, and recommended power amplifier of 1000W RMS/8 Ohm. The MITUS 212FS features Baltic birch plywood construction covered in scratch-resistant black paint, along with an M20 top-mounted stand adapter. Input connectors are parallel-wired Neutrik NL4 Speakons.

TECHNICAL SPECIFICATIONS

GENERAL

| | | |
|----------------------|------|------------------|
| Configuration | way | Vented bass pass |
| Low frequency woofer | inch | 2 x 12 - 3 coil |

ACOUSTIC SPECIFICATIONS

| | | |
|----------------------------|--------------|----------------------|
| Frequency response (@-6dB) | Hz | 50 - 250 |
| Sensitivity (@1W, 1m) | dB | 99 |
| MAX SPL (cont/peak)* | dB | 134 / 138 half-space |
| Recommended HP filter | Hz - dB oct. | 40 - 24 |
| Crossover frequency | Hz | External active |
| Dispersion | H x V | Omnidirectional |

INPUTS & OUTPUTS

| | | |
|------------------|--|---------------------------|
| Input connectors | | 2 x Speakon NL4 IN & thru |
|------------------|--|---------------------------|

* 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.

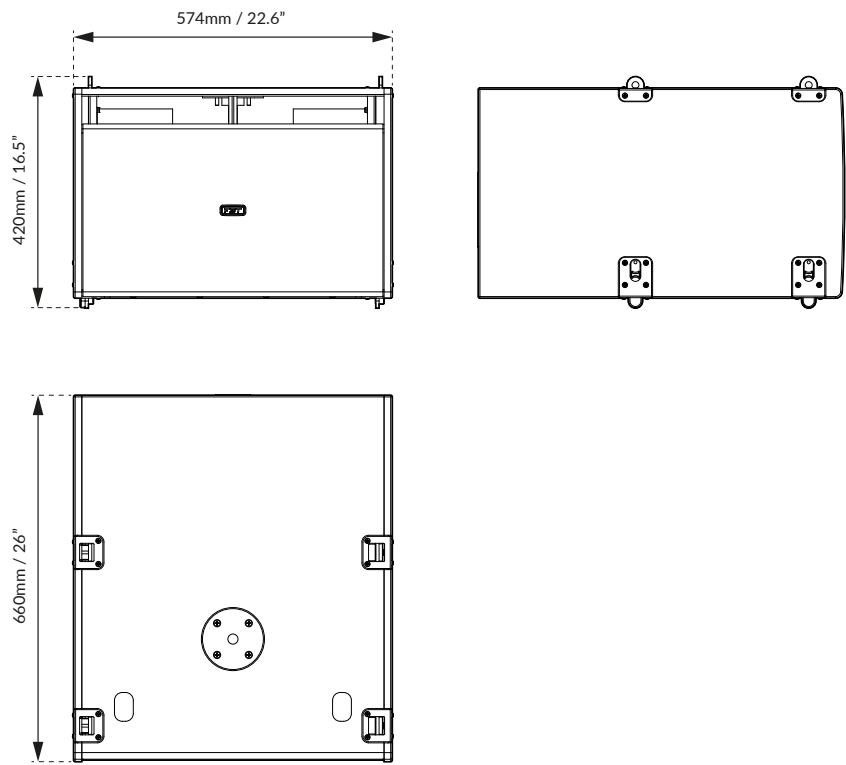
AMPLIFIER

| | | |
|-------------------------------|-------|------|
| Recommended amplifier | W RMS | 1000 |
| Long term power (AES) | W | 500 |
| Short term power (@IEC 268-5) | W | 2000 |
| Nominal impedance | Ohm | 8 |

MECHANICAL SPEC.

| | | |
|------------------------------|------------|---|
| Material | | 0.59" birch plywood |
| Net dimensions (WxHxD) | mm inch | 574 x 420 x 660 22.6 x 16.4 x 26 |
| Transport dimensions (WxHxD) | mm inch | 785 x 520 x 710 30.9 x 20.47 x 27.95 |
| Net weight | kg lb | 35 77.2 |
| Transport weight | kg lb | 39.50 87 |

DIMENSIONAL DRAWING



CONNECTION PANEL

CAUTION:
IT IS ADVISABLE TO USE AN
AMPLIFIER WITH AN RMS
OUTPUT THAT IS LOWER OF
1000W RMS.

FBT elettronica spa
RECANATI (MC)
MADE IN ITALY

MITUS

212 FS

Line Array Subwoofer

TECHNICAL SPECIFICATIONS

| | |
|----------------------------|-----------------|
| Nominal Impedance: | 8 Ohm |
| Recommended Amplifier: | 1000 W RMS |
| Short Term Power: | 2000 W |
| Long Term Power: | 500 W |
| Frequency Response (G-dB): | 50 Hz - 120 Hz |
| Sensitivity @ 1W, 1m: | 98 dB |
| Max SPL Cont./peak: | 134 / 138 dB |
| Dispersion: | omnidirectional |

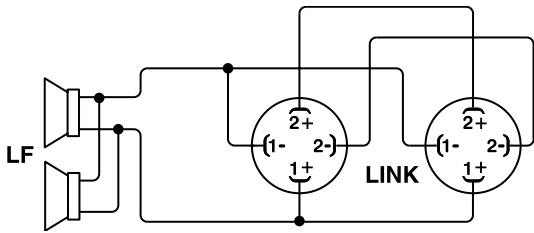
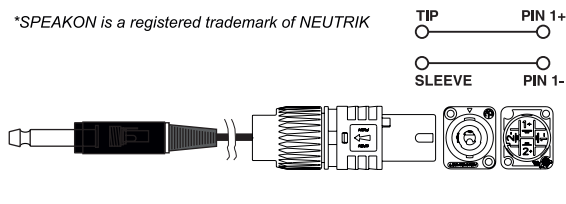
- All MITUS 212FS accessories are specifically
rated in agreement with structural computations.
Never use other accessories when assembling
212FS cabinets than the ones provided by FBT.FBT
will decline responsibility over the entire 212FS
accessory range if any component is purchased
from a different supplier

IN

LINK

FBT

*SPEAKON is a registered trademark of NEUTRIK



ACCESSORIES

MT-J 206

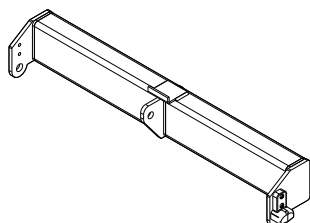
Joint bar

Code: 31806

552 x 83.5 x 81.75mm

21.73 x 3.26 x 3.21inch

4.50 kg / 9.92 lb



MT-F 212

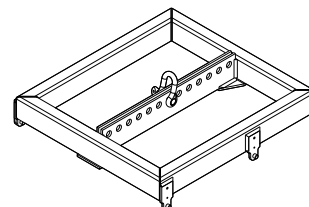
Flying bar

Code: 31804

560 x 101 x 519mm

22.04 x 3.97 x 20.43inch

19.70 kg / 43.43 lb



BOX-62BK

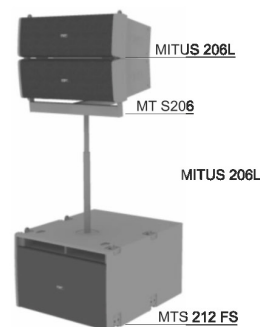
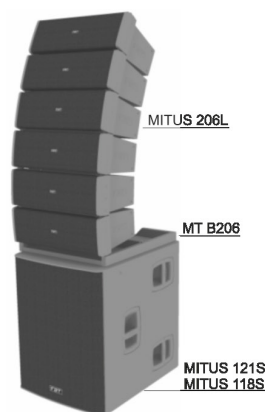
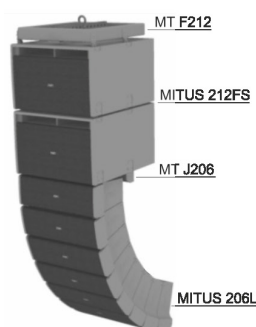
Telescopic speaker pole

Code: 30474

ø35mm / 1.38inch



RECOMMENDED CONFIGURATION



EASE FOCUS

FBT will make available a software called MITUS 206L_FLYING which helps calculate the safety factor of the weakest point of the MITUS 206LA - MITUS 212FSA unit suspension system according to the used configuration, and a software called EASE FOCUS that permits an accurate simulation of the mechanical and acoustic behavior of the MITUS series line array system.

