



MTI SINGEL SUB

MTI BR 181



The MTI BR 181

sub-bass system is a dedicated sub woofer designed for special effects and ultra-low frequency performance. It is mainly designed to extend the power bandwidth of MTI reinforcement systems to 35 Hz.

The unique, heavily braced enclosure is a reflex loaded design which houses one high efficiency 18" long excursion driver for extended low frequency response.

Its internally braced construction prevents energy absorption by cabinet walls at the very high pressures generated within the enclosure.

For large scale sound reinforcement, BR 181 enclosures can be close stacked on the ground.

Features

- Low frequency high performance system.
- One proprietary 18" low frequency driver permits high sound pressure levels with extremely low distortion.
- Extended frequency response to 35 Hz.
- High power handling capability for long term reliability.
- Unique, heavily braced cabinet construction.

Applications

- Dedicated sub-bass system
- Concert sound system
- Discotheque sub-bass system
- Sound reinforcement in live music clubs

The BR 181 can be combined with sub-bass units available from the MTI audio range.

The BR 181 is designed to be used in conjunction with the MTI MPA 82000 amplifier which maximises bandwidth and protects drivers from damage in all modes of operation.

Specifications

Type: Ultra low frequency sub-bass system

Bandwidth: 35-250 Hz +/- 3 dB

Drivers: One low frequency 18" cone transducer with 4" voice coil

Rated power: 500 watts RMS 1200 Watts programme

Rec. amplifier: MPA 82000

Sensitivity: 98 dB (note 1)

SPL: 125 dB continuous, 131 dB peak (note 2)

Impedance: 8 Ohms nominal

Crossover: 80-200 Hz depend upon application

Enclosure: 150 litre ported heavily braced, birch plywood

Finish: Textured black paint

Protection grill: Foam backed 2 mm perforated steel, black painted with 49% free air flow

Connectors: 2 x Speakon

Dimensions: (W)630 mm x (H)650 mm x (D)510 mm

Weight: 47 kg

Note 1: Measured in half-space conditions at 1 metre with 2.83V input, using band limited pink noise.

Note 2: Measured at 1 metre using band limited pink noise.

MTI BR 151



The MTI BR 151

sub-bass system is a dedicated sub woofer designed for special effects and ultra-low frequency performance. It is mainly designed to extend the power bandwidth of MTI reinforcement systems to 40 Hz.

The unique, heavily braced enclosure is a reflex loaded design which houses one high efficiency 15" long excursion driver for extended low frequency response.

Its internally braced construction prevents energy absorption by cabinet walls at the very high pressures generated within the enclosure. For large scale sound reinforcement, BR 151 enclosures can be close stacked on the ground.

Features

- Low frequency high performance system. One proprietary 15" low frequency driver permits high sound pressure levels with extremely low distortion.
- Extended frequency response to 40 Hz.
- High power handling capability for long term reliability.

- Unique, heavily braced cabinet construction.

Applications

- Dedicated sub-bass system
- Concert sound system
- Discotheque sub-bass system
- Sound reinforcement in live music clubs

The BR 151 can be combined with sub-bass units available from the MTI audio range.

The BR 151 is designed to be used in conjunction with the MTI MPA 82000 amplifier which maximises bandwidth and protects drivers from damage in all modes of operation.

Specifications

Type: Ultra low frequency sub-bass system

Bandwidth: 40-350 Hz +/- 3 dB

Drivers: One low frequency 15" cone transducer with 4" voice coil

Rated power: 500 watts RMS 1200 Watts programme

Rec. amplifier: MPA 82000

Sensitivity: 96 dB (note 1)

SPL: 123 dB continuous, 129 dB peak (note 2)

Impedance: 8 Ohms nominal

Crossover: 80-350 Hz depend upon application

Enclosure: 90 litre ported heavily braced, birch plywood

Finish: Textured black paint

Protection grill: Foam backed 2 mm perforated steel, black painted with 49% free air flow

Connectors: 2 x Speakon

Dimensions: (W)490 mm x (H)530 mm x (D)425 mm

Weight: 32 kg

Note 1: Measured in half-space conditions at 1 metre with 2.83V input, using band limited pink noise.

Note 2: Measured at 1 metre using band limited pink noise.
