



# MTI DOBBEL SUB

MTI BR281c



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The MTI BR 281C 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 28 Hz.

The unique, heavily braced enclosure is a reflex loaded design which houses two 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 281C enclosures can be close stacked on the ground.

## Features

- Low frequency high performance system.
- Two proprietary 18" low frequency driver permits high sound pressure levels with extremely low distortion.
- Extended frequency response to 28 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 281C can be combined with sub-bass units available from the MTI audio range.

The BR 281C 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: 28-250 Hz +/- 3 dB

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

Rated power: 1000 watts RMS 2000 Watts programme

Rec. amplifier: MPA 82000

Sensitivity: 101 dB (note 1)

SPL: 131 dB continuous, 137 dB peak (note 2)

Impedance: 4 Ohms nominal

Crossover: 80-200 Hz depend upon application

Enclosure: 340 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)525 mm x (H)995 mm x (D)760 mm

Weight: 79 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 251



### The MTI BR 251

**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 two 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 251 enclosures can be close stacked on the ground.

### Features

Low frequency high performance system.

- Two proprietary 15" 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 251 can be combined with sub-bass units available from the MTI audio range.

The BR 251 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: 35-350 Hz +/- 3 dB

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

Rated power: 1000 watts RMS 2000 Watts programme

Rec. amplifier: MPA 82000

Sensitivity: 100 dB (note 1)

SPL: 130 dB continuous, 136 dB peak (note 2)

Impedance: 4 Ohms nominal

Crossover: 80-300 Hz depend upon application

Enclosure: 230 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)525 mm x (H)995 mm x (D)580 mm

Weight: 73 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.