



# MTI KONSERTLYD-STORE SYSTEMER

FRONT OF HOUSE

## MTI BR252



**The MTI BR 252 is a high power, arrayable loudspeaker system designed to perform in a wide range of large scale professional sound reinforcement applications.**

The BR 252 is a two-way bi-amplified system consisting of two 15" low frequency drivers in a heavily braced, trapezoid, vented enclosure and a single 2" exit compression driver mounted on a 90 x40 horn.

The system can be used with or without the optional subbass, and has full flying facilities as standard. The extremely high output coupled with low distortion and extended frequency response makes the system ideal for use in high power sound reinforcement situations.

### Features

- One box tour sound and installation system.
- Proprietary 2 x 15" low frequency drivers permitting high sound pressure levels with extremely low distortion.
- Proprietary 2" compression driver with extremely low distortion.
- 90° x 40° dispersion for smooth coverage in array situations.
- Unique, heavily braced, trapezoid enclosure.

### Applications

- Live sound reinforcement
- Theatre public address systems
- Drumfill monitor
- Fixed installations of all types
- Discotheque and club installations

The BR 252 can be combined with sub-bass units available from the MTI audio range.

The BR 252 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: Two way active high power one box sound reinforcement system

Bandwidth: 40-20 kHz +/-3 dB via MPA 82000

Drivers: 2x15" LF cone transducer 1x2" exit compression driver

Rated power: (LF) 600 watts RMS 1200 Watts programme (HF) 65 watts RMS 300 watts programme

Rec. amplifier: MPA 82000

Sensitivity: 102 dB (note 1)

SPL: 130 dB continuous, 138 dB peak (note 2)

Impedance: (LF) 4 Ohms nominal (HF) 8 Ohms nominal

Dispersion -6 dB points: 90 horizontal 40 vertical

Crossover: Active: 630 Hz

Enclosure: 260 litre ported heavily braced, birch plywood, quasi trapezoid

Finish: Textured black paint

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

Connectors: 4 x Speakon

Fittings: 6 pcs. aeroquip flying points (optional)

Dimensions: (W)585 mm x (H)1175 mm x (D)495 mm

Weight: 74 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 BR281c

**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.

MTI BR281c

#### 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.