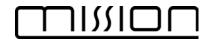
# product information guide



# **C83S1** subwoofer

Diminutive and elegant, the Mission e8as1 subwoofer is deceptive in its size, offering class-beating levels of dynamics and bass extension. The braced Grania cabinet provides a rigid framework for the drive units as well as providing a visually attractive profile. Mission designed Grania cabinet walls are formed from graded layers of MDF and particle board and shaped into an extensively braced and solid cabinet which achieves oustandingly low coloration levels. Rigid feet with adjustable spikes add stability and improve bass transient performance.

A long throw 250mm (10") bass unit is coupled to twin 250mm Auxiliary Bass Radiators to enhance bass dynamics and extension, driven by 350Watts of Class D amplification. The ABR design avoids the traditional air noise heard from reflex ports when high sound pressure levels are required, and bass remains tight and controlled whether playing music or movies. Full control over bass alignment and extension, phase and dedicated LFE mode allows perfect integration with any e8 speaker system. The Mission e8as1 is the ideal subwoofer as part of the elegante home entertainment system.

#### features

Long throw Bass Unit Twin Auxiliary Bass Radiators 350 Watt Class D amplifier Signal sensing auto power on/off Low and high level inputs Grania enclosure Magnetically shielded High density Acufil damping

#### benefits

Excellent dynamic performance at all power levels Excellent bass extension without reflex port air noise Power in reserve for tight control at all bass frequencies Reduces power consumption automatically Suitable for LFE and stereo amplifier output Attenuates panel coloration Suitable for hi-fi stereo and AV use Excellent balance between absorption and damping of internal cabinet energy

#### construction

Enclosure Grania multi-layer MDF and particle board sandwich

Grille Acoustically transparent cloth
Damping High denisty Acufil fibre

### electrical

L.F. Unit 250 mm Nomex pulp cone bass unit

Amplifier 350 W Class D
Crossover Acoustic 2<sup>nd</sup> order

Terminals Gold plated Multi-way binding posts, gold plated RCA

phono inputs

# specifications

Enclosure Type ABR loaded

In-room Frequency Bandwidth -6 dB at 32 Hz and 200 Hz

Frequency Response ±3dB 36 Hz – 150 Hz

Input Impedance (high level) 8 Ohms compatible, (low level) 10kOhms

Maximum SPL 110 dBA
Crossover Frequency 40 – 140 Hz
Effective Volume 30 litres

Overall Dimensions (H x W x D) 415 x 365 x 400 mm (16.3 x 14.4 x 15.75 inches)

Weight 17.3 kg (38.1 lbs)

Finish Hand finished piano-lacquer Anthracite

## setting up

RUN IN for at least 24 hours before serious listening.

- Use supplied floor spikes for optimum performance.
- Position within 10cm 80cm of rear wall.
- Use good quality connecting cables.