



Leading also in the „Grand Sound“...

Jamo is also leading in the professional arena. With the two top models, J 202 and J 252, Jamo amply fulfills the requirements of the most advanced customers. These two loudspeakers maintain the tradition set by their predecessor the J 251, which was widely acclaimed even by professional users as a truly great loudspeaker. The J 252 is definitely the flagship of a distinguished "fleet".

The J 202 should be regarded as a junior version of the J 252 - junior in size, junior in price, but not junior in quality!

The major constructional features of the J 202 and J 252 are as follows:

1) Two angled tweeters

The most eye-catching feature is the angled orientation of the double complement of treble units. This results in an im-

proved spread of sound at high frequencies, as well as providing the listener with greater flexibility in loudspeaker placement by permitting experiments with direct and reflected sound.

2) Sloping woofer

The bass unit is mounted with a moderate upwards tilt, chiefly to ensure correct phase matching. However it also checks a common tendency for certain low frequencies to be undesirably reinforced by reflections from the floor.

3) Sound level controls and overload protection

Both models are fitted with three sound level controls - one for the mid-frequency unit, and one for each of the treble units. It goes without saying that all three units are provided with all-electronic overload protection.

J 252 Complement

A 15-inch bass loudspeaker which, by virtue of an exceptionally powerful magnet, can produce considerable power over the whole low frequency compass.

The mid-frequency range is covered by a 50-mm Dome unit of exceptional audio engineering quality; it has a pressure die-cast metal chassis and a two-inch voice coil wound on an aluminium former, for maximum power-handling. This unit has a specially large magnet, and the air volume behind the diaphragm is considerably larger than normal so that the contained air is subject to lower compression. These characteristics combine to give the unit an excellent polar diagram and great accuracy in sound reproduction.

The two tweeters with 16-mm Dome diaphragms mounted in an acoustically magnifying assembly provide a uniform frequency response up to 40,000 Hz. This untrapezoidal construction results in a very open, transparent sound.

J 202 Complement

The bass range is covered by a 13-inch woofer unit, specially developed by Jamo. It has a powerful 2-inch voice coil wound on an aluminium former for maximum strength and output.

The mid-frequency range is produced by the same advanced unit as fitted in the J 252, and

the two specially-constructed tweeters of the high-frequency range embody 1-inch dome coils wound on aluminium formers and pressure die-cast chassis for minimal resonance.



J 202 (0.5 ms per division)



J 252 (0.5 ms per division)

Transient response of the bass units fitted in the J 202 and J 252. These curves illustrate the superb transient performance of the two models, which is achieved by the use of exceptionally large magnets in the bass units.

Data	J 202	J 252
Speakersystem	1 woofer unit 140 mm 1 speaker unit 50 mm 90 mm 2 tweeter units Dome 25 mm	1 woofer unit 150 mm 1 speaker unit 50 mm 90 mm 2 tweeter units Dome 16 mm
Special equipment	Sound level regulation for the midrange unit and for each of the two treble units Overload protection for the woofer and treble units	Sound level regulation for the midrange unit and for each of the two treble units Overload protection for the woofer and treble units
Effect	100 W (max) 13 W (eff) 100 W (100 Hz) 100 W (100 Hz)	100 W (max) 13 W (eff) 100 W (100 Hz) 100 W (100 Hz)
Sensitivity	92 dB/1 m	92 dB/1 m
Frequency range	22 - 20,000 Hz	20 - 20,000 Hz
Crossover rate	20 dB/100 Hz	20 dB/100 Hz
Impedance	4-8 Ohm	4-8 Ohm
Grass volume	20 cm x 10 cm	20 cm x 10 cm
Gross weight	10 x 42 x 22 cm	10 x 42 x 22 cm
Dimensions	27.2 x 102 x 13 inches 100 x 400 x 50 mm	28.2 x 102 x 13 inches 100 x 400 x 50 mm

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