

## FORM AND FUNCTION



D 430



D 400



D 4SUB

D 400



D 4CEN

### D 400 / D 430

(D 400PDD / D 430PDD = D 400 / D 430 + D 4ADD)

### D 4ADD

(D 400, D 4CEN, D 4SUB)



D 450

### D 450

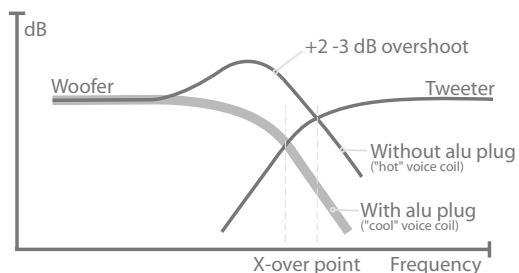
(D 450PDD = D 450 + D 4ADD)

#### THE ENGINEERS' FAVOURITE DETAILS



##### Alu Centre plug

The aluminium centre plug replaces the traditional dust cap, making the cone lighter and faster. This also prevents sonic break-up as well as pressure swings behind the dust cap as the cone moves, resulting in more dynamic and precise sound reproduction. The aluminium centre plug cools the voice coil, providing increased power-handling capability and stable sound reproduction no matter how high the volume.



##### Wood-fibre cone

This unique new wood-fibre cone design features uneven fibres with different resonance frequencies. When pressed into shape to form a loudspeaker cone, these fibres prevent each other from vibrating. To fine-tune rigidity and internal damping, the cone is coated on the back and lacquered on the front. The result is a very rigid cone with well-controlled break-up modes that provide extremely low distortion throughout, as well as an open and detailed midrange for optimal voice reproduction.

##### Dual concentric diaphragm

The totally unique tweeter features a clamped dual-concentric diaphragm and ventilated magnet system. Among other benefits, this extends the frequency range from a very low 1kHz, allowing a smooth and seamless transition with the midrange, and then all the way up to 40kHz, making it compatible with new digital multi-channel sound formats.

The voice coil is copper-plated aluminium wire, combining the low weight of aluminium with the superior conducting qualities of copper, and making magnetic oil for cooling and resonance damping unnecessary.



##### Double Curved Front baffle

The most rigid construction of all is a round shape. Cut from a giant ball, the Double Curved front baffle of the D 4 is a foamed ABS shell mounted on an MDF board. Both materials have excellent acoustic properties that provide high internal damping, while preventing vibrations from travelling from one driver to another. The planar design also provides optimal working conditions for the asymmetrically placed tweeter. Due to the asymmetrical design, no distances from cabinet top and sides to the tweeter are identical, and thus edge reflections do not accumulate. The result is a crystal-clear treble reproduction that is essential for conveying from the extended treble content of new multi-channel sound formats.



##### Spikes

The easily adjustable spikes (included with D 450 and D 4FS) ensure that the speaker always stands securely, making a good mechanical contact to the floor. The speaker can also be placed on the rubber supports, if required.



##### Design

Form follows function and elegance combined with technology are the keywords for D 4. The slimline design and choice of finishes makes it easy to integrate these speakers in any home. With its flat-profile design and high-end reproduction quality, the D 400 is the perfect match for any flat screen.



980 mm  
38.6 in.



**Accessories**  
Jamo Audio  
Grade Silver  
cable 1.5 / 2.5