

A close-up photograph of a Tannoy Definition Subwoofer. The image shows a portion of the dark wood-grain cabinet on the left, featuring a large silver speaker driver. On the right, a dark, curved section of the cabinet is shown, featuring a square-shaped port with a silver frame. The background is plain white.

# Definition Subwoofer

...Defining the art of bass

Advance information

**TANNOY**<sup>®</sup>

# Definition Subwoofer ...Defining the art of bass

Extending the breadth and depth of the award winning Definition series loudspeakers, Tannoy is proud to introduce the Definition Subwoofer. Seamlessly blending power and passion with detail and control, the Definition Subwoofer delivers smooth LF extension with music and thunderous low frequency effects with movies. A design of simplicity and purity of purpose; a 1 KW amplifier drives a pair of 300 mm long throw metal-cone drivers in a substantial plywood cabinet. A thoroughbred low frequency loudspeaker, engineered with Tannoy's fundamental principles of power and accuracy at its heart. From articulating the tonal characteristics of the lowest organ notes to recreating the visceral impact of a movie explosion, the Definition Subwoofer has been designed for the audio perfectionist.

Styled to complement the Definition range yet capable of integrating with a wide range of main speakers and room styles, the Definition Subwoofer is available in high gloss dark walnut or cherry veneers or high gloss black.

## Enclosure

- 25 mm (1") birch ply, internally braced
- Closed box operation, for better phase behaviour and speed
- Side firing drivers for vibration cancellation
- DMT™ driver to cabinet coupling
- Heavy duty CNC machined aluminium feet for optimum stability
- Choice of 3 finishes co-ordinating with other models in the Definition series:  
high gloss walnut, cherry or black

## Drive Units

- Extreme rigidity aluminium cone for true piston motion at high levels and good heat transfer
- Die cast aluminium chassis, with optimum venting for increased excursion
- Vented cone neck for reduced distortion and compression
- Vented suspension to reduce audible distortion
- Heavy duty fibre glass voice coil former to reduce mechanical losses for better dynamic performance and enhanced low level detail
- 4 layer 50 mm (2") voice coil for optimum control and damping
- Black anodised motor system for good heat dissipation, to minimise thermal compression
- 2 specially designed field stabilising rings for reduced high level distortion
- Long throw linear stroke motor system for minimal high level distortion

## Amplifier

- 1000 Watt high efficiency Class D amplifier, with switching power supply
- Low harmonic distortion (less than 0.05 %)
- Powerful DSP Engine, with LCD user interface
- Twin phono and balanced XLR inputs
- Twin phono and balanced XLR outputs for additional subwoofer connectivity
- 3 user defined presets
- Variable frequency and slope low pass filter, with LFE override
- Variable phase control
- Shelf filter, with variable frequency and slope
- 2 parametric equalisers, with variable frequency, boost / cut and Q
- Variable high pass delay for flexible positioning
- Auto mute function
- Very low standby power consumption