



SOLITAIRE CWT 1000

In the truest sense of the term, the **CWT 1000** is the slightly smaller brother of the CWT 2000. Its overall design is identical, but the cabinet and the mid-range and bass drivers are slightly smaller.

The electrostatic unit is of identical construction to that of the CWT 2000, and its circuitry is similar. For this reason it is equally effective at transmitting the entire high-frequency range from just under 2000 Hz to more than 40 kHz – even well off-axis!

The 12 cm mid-range unit is of similar design to the 15 cm mid-range driver, and offers the same superb ability to handle the full vocal range from 200 to 2000 Hz. Once again this unit's outstanding attributes are its dynamic ability, its inherently lively nature, and its unbelievably natural sound. With this size of cone a phase plug is not sensible, and unnecessary in any case. The damping of the speaker cone is very effective, eliminating any hint of resonance, and the cone features integral stiffening channels.

The large magnet and the carefully calculated suspension system ensure perfect transient response characteristics in the separate mid-range chamber. Since the loudspeaker is fitted with no fewer than six of these units, the cone excursion is very small even at extreme levels, and this eradicates potential intermodulation effects in the mid-range.

A sealed bass enclosure houses four large, perfectly matched 22 cm bass units, with big magnets, extremely stiff cones, ultra-long linear excursion and very low resonant frequency; these drive units are responsible for the speaker's surprisingly deep, powerful bass, which is incredibly dry and precise.

The CWT 1000 is equipped with a very complex, double-sided four-way crossover units(FSR). The crossover is accurately calculated, and fine-tuned for optimum transient response and transmission characteristics. It effortlessly handles even the highest levels, and ensures that the three frequency ranges are matched perfectly to each other. The filter stages and bandpass filters are carefully optimised for accurate phase and group delay. These networks play a crucial role in the superb imaging and radiation characteristics of the speaker system as a whole. Switches are provided for fine-tuning the bass, mid and high-frequency ranges.

Specifications

<i>Nominal load</i>	300 Watt
<i>Music power</i>	450 Watt
<i>Impedance</i>	4 Ohm
<i>Transmission range</i>	26 – 40000 Hz
<i>Sensitivity (1 Watt/1 m)</i>	87 dB
<i>Bass drive unit</i>	4 x 210 mm
<i>Midrange unit</i>	6 x 120 mm
<i>High-frequency drive unit (Electrostatic)</i>	920 x 50 mm

<i>Crossover-frequencies</i>	200/2200 Hz
<i>Adjustmens</i>	woofer, midrange, tweeter
<i>Dimensions H x W x D</i>	131 x 32 x 46 cm 52.8 x 12.6 x 18.1 inch
<i>Dimensions Base</i>	3 x 38 x 54 cm 1.2 x 15 x 21.3 inch
<i>Weight</i>	83 kg / 184 lb See below, special versions on request Base made of massive aluminium black
<i>Finishes</i>	Cover in high gloss black 23 for all finishes, and white for high gloss white 24

*Technical modifications
reserved*



High gloss black 23



High gloss white 24



High gloss cherry stain 88



High gloss walnut dark
89



High gloss macassar ebony
87