unique

in appearance and performance, for those
who want the real thing.

Combining true deep bass capability with impact
and punch making music and movies a physical
experience that is addictive.

T138 Compact Horn Subwoofer

horn

means dynamic and powerful sound – more realistic, more physical.

Utilizing the Compact Horn Subwoofer technology developed by Kvålsvoll Design the T138 offers horn sound in relatively small physical size for its output capability.

The simulation based design process leads to an acoustically advanced optimized design with even response throughout a wide working passband from below 16Hz up to 150Hz.

True deep bass and at the same time powerful impact and definition in the midbass range is characteristic for the T138. The horn loading makes this possible – the horn supports the driver over a wide frequency range and allows driver parameters to be optimized for best sound quality. The driver does not need a heavy moving mass and has a very powerful motor – this results in more punch, more output, more realism.

T138 Compact Horn Subwoofer

specifications

T138 Compact Horn Subwoofer

Output Capacity	112dB 1m/2π at 20Hz
Usable frequency range	14Hz – 150Hz
Recommended frequency range	14Hz – 80Hz
Nominal impedance	8 Ω
Minimum impedance	6.44 Ω at 19Hz
Recommended processing	
High-pass	12Hz 4. order BW HP
Low-shelf	+3dB 34Hz Q=1.4 Low-shelf (+3 dB 20Hz -> 0 dB 50Hz)
Low-pass	120Hz 4. order BW LP
Additional calibration processing	
Low-pass	4. order BW, according to crossover frequency
EQ	Parametric EQ for room correction
Recommended amplification	600W – 1200W 4ohm, or 400W – 800W 8 ohm
Maximum power	1200W (8 ohm) AES above 16Hz
	400W (8 ohm) below 16Hz
Power compression	< 1dB for 300W
Driver type	Professional high-efficiency, low-compression
Driver size	12” / 300mm
Dimensions	
Height/Width/Depth	1230mm / 376mm / 430mm
Weight	54 kg

1230.0mm
376.0mm
430.0mm

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