

# GENELEC®

## Genelec HTS3 and HTS4 Home Theater Subwoofers

## Data Sheet



Genelec's new generation of dedicated active Home Theater subwoofers deliver tight, powerful bass down to 18 Hz. The new HTS3 and HTS4 subwoofers are designed to complement Genelec's high-performance HT series loudspeakers in state-of-the-art Home Theater installations.

Both new subwoofers share the same design layout with one magnetically shielded active speaker driver on the long side of a compact rectangular cabinet and two passive radiators, one at each end of the cabinet. The HTS3 is equipped with a 10" long-stroke driver with passive radiators of the same size and the HTS4 with 12" driver and passive radiators. Both HTS3 and HTS4 are equipped with modern high-efficiency amplifiers rated at 200 and 400 Watts respec-

tively. The amplifier unit is integrated in the subwoofer cabinet. XLR and RCA line level input connectors and adjustable input sensitivity provide easy connection to all types of decoders. Bass roll-off rate and crossover phase can be adjusted to suit different acoustical environments and subwoofer positioning. A Link Out connector allows coupling two or more subwoofers together when high sound pressure levels are required.

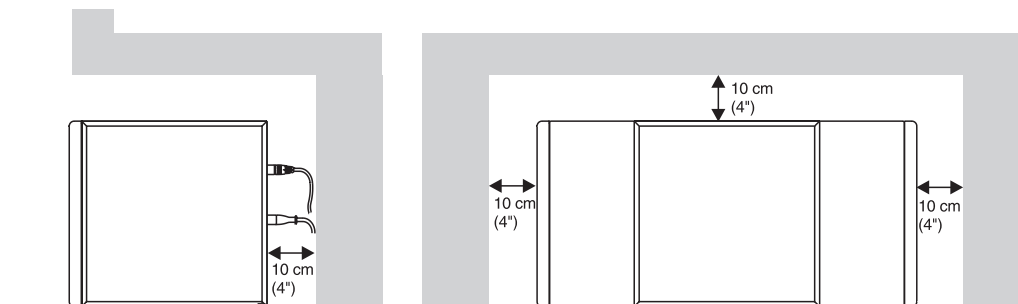
The frequency response of both HTS3 and HTS4 ranges from 18 Hz to 120 Hz. The HTS4 is designed for larger rooms and higher SPL applications with its maximum SPL of 118 dB, but also the HTS3 packs a respectable punch of 114 dB maximum SPL. Coupling multiple subwoofers together using the Link Out channel gives an

added 6 dB for a system of two, 9,5 dB for three and 12 dB for four subwoofers.

Finding the correct place for the subwoofer is easy due to the compact size and versatile acoustical adjustments of both models. Installing the HTS3 and HTS4 out of sight in a cabinet is no problem either, the necessary clearances are shown on the drawing overleaf. See Genelec's Home Theater website [www.genelec-ht.com](http://www.genelec-ht.com) for more information of Genelec's Home Theater speaker line.

## SYSTEM SPECIFICATIONS

	<u>HTS3</u>	<u>HTS4</u>
Free field frequency response of system:	18 Hz... 120 Hz ( $\pm 2,5$ dB)	18 Hz... 120 Hz ( $\pm 2,5$ dB)
Maximum peak acoustic output capacity in quarter space (wall/floor corner) :	>114 dB SPL	>118 dB SPL
Drivers		
Bass:	250 mm (10")	305 mm (12")
Passive radiators:	2 x 250 mm (10")	2 x 305 mm (12")
Amplifier output power:	Short term 200 W	Short term 400 W
Amplifier system distortion at nominal output		
THD:	<0.08%	<0.08%
SMPTE-IM:	<0.08%	<0.08%
CCIF-IM:	<0.08%	<0.08%
DIM 100:	<0.08%	<0.08%
Input connectors	XLR balanced and RCA unbalanced	XLR balanced and
Input impedance:	10 kOhm	10 kOhm
Link Out connector	XLR balanced	XLR balanced
Crossover acoustical slope:		
Lowpass	28 db/octave	28 db/octave
Highpass	12 db/octave	12 db/octave
Midband rejection, freq $\geq$ 400 Hz	$\geq$ 50 dB	$\geq$ 50 dB
Bass roll-off control in 2 dB steps from 0 to -6 dB:	@ 20 Hz	@ 20 Hz
Phase matching control in 90°steps	@ 120 Hz	@ 120 Hz
Mains voltage:	100/200V or 115/230V	100/200V or 115/230V
Power consumption (Standby / Idle / Full output):	7/11/250 W	7/11/250 W
Maximum ambient temperature	35°C (95°F)	35°C (95°F)
Weight 27 kg (59,5 lbs)	34 kg (74,9 lbs)	
Dimensions including grilles		
Height:	320 mm (12 <sup>5</sup> / <sub>8</sub> " )	375 mm (14 <sup>3</sup> / <sub>4</sub> " )
Width:	610 mm (24" )	768 mm (30 <sup>1</sup> / <sub>4</sub> " )
Depth:	345 mm (13 <sup>9</sup> / <sub>16</sub> " )	400 mm (15 <sup>3</sup> / <sub>4</sub> " )



Minimum space requirement in a soffit/cabinet installation

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