The Genelec HTS6 is a powerful active subwoofer designed specially for high quality digital 5.1 channel Home Theater systems. Its 19 to 120 Hz (±3 dB) frequency range and 124 dB sound pressure output capability are sufficient to handle the most demanding high SPL applications. The HTS6 is an ideal companion for Genelec’s active three way loudspeakers in large Home Theater installations.

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. Coupling multiple subwoofers together gives an added 6 dB for a system of two, 9.5 dB for three and 12 dB for four subwoofers. The amplifiers are equipped with an Autostart function for automatic switching between Standby and On modes. Connectors for remote controlled mode switching by 12 V trigger signal or external switch/relay are also provided. All connectors and controls are concentrated on an aluminium panel at the end of the loudspeaker cabinet.

The loudspeaker cabinet of the HTS6 is made thick and heavily braced MDF. The reflex tube runs along the rear wall of the cabinet and opens next to the connector panel. This facilitates simple construction when installing the subwoofer in a cabinet or wall structure as only two sides of the subwoofer require free space before them. Smoothly curving openings at both ends of the reflex tube minimize turbulence and port noise.

Four 305 mm (12”) magnetically shielded long stroke drivers are protected by aluminium grilles which also act as heatsinks for the power amplifiers. Each driver is individually powered by a directly coupled 250 Watt amplifier.

See Genelec’s Home Theater website www.genelec-ht.com for more information on Genelec’s Active Home Theater loudspeaker line.
## System Specifications

### HTS6
- **Crossover slopes**
  - Lowpass 36 dB/octave
  - Highpass 12 dB/octave
  - Midband rejection ≥400 Hz
  - ≥50 dB
- **Bass roll-off control** operating from 0 to –6 dB @ 20 Hz in 2 dB steps
- **Phase matching control** from 0 to 270° @ 85 Hz in 90° steps

### HTS6 Data Sheet

### Input Section
- **Input**
  - Connector: XLR female
  - Pin 1: gnd
  - Pin 2: +
  - Pin 3: –
  - Input impedance: 10 kOhm balanced
  - Input sensitivity: +6 to –12 dBu

### Output Section
- **Output**
  - Connector: XLR male
  - Pin 1: gnd
  - Pin 2: +
  - Pin 3: –
- **Remote LED**
  - Connector (RJ11)
  - Remote LED for Power/Overload+Bypass
  - Main monitor out gain: 0 dB
  - Sum/Link out gain: 0 dB

### Controls
- **Input Sensitivity**
  - +6 to –12 dBu
- **Input Sensitivity**
  - –6 to –12 dBu
- **Level Sensing Control Range** in 2 dB steps
- **Level Sensing Control Range** in 0.5 dB steps

### Amplifier Section
- **Short term amplifier output power (short-term output power with power protection circuitry)**
  - 1000 W
- **Amplifier system (nominal output)**
  - 740 W
- **Mains voltage**
  - 180/240 V ±10%
  - 50/60 Hz
- **Power consumption (average)**
  - 150 VA
  - 1800 VA

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