System Power of 650W 5.1 Home Theater System built for Blu-ray Disc Player High Definition Audio and Video, featuring the Denon AVR-590 receiver and Boston Acoustics MCS 90 speaker system.

### AVR-590 Main Features

- **One Cable HD Solution for easy connection**
  - 3 HDMI audio/video inputs
  - High Definition Audio Decoding, Dolby TrueHD and DTS-HD Master Audio format support
  - All sources are upconverted to HDMI
  - 1080p, xvYCC, Deep Color HD video pass-through

- **No need to adjust volume between TV programs and commercials**
  - Audyssey Dynamic Volume technology dynamically monitors the input audio signal and automatically adjusts volume level in real time.
  - Audyssey Dynamic EQ technology monitors the volume level and provides automatic tonal balance compensation to ensure natural sound quality, even when listening at low volume levels.

- **Denon Design Solutions for Maximizing Content Quality**
  - Identical quality and power for all 5 channels, 110W x 5ch (6 ohms)
  - Discrete devices for ultimate performance in each block
  - New 32-bit floating point high precision DSP
  - Dolby Pro Logic IIz 7.1 height channel processing support

- **Digital Media Connectivity**
  - iPod Audio/Photo and Video playback (optional ASD-11R)
  - Network Audio/Photo Ready (optional ASD-3N/3W and new 51 series)

### Boston Acoustics MCS 90 Features

- **Two way design satellite speakers**
  - 3” mid-bass drivers and 1/2” soft dome tweeter
  - Reduced Baffle Diffraction Design for wider, smoother dispersion
  - MagnaGuard video shielding for front and surround speakers
  - Adjustable footings
  - Built-in wall mount brackets
  - Changeable grilles to match your environment (optional)

- **Center speaker**
  - Dual 3” mid-bass drivers
  - 1/2” soft dome tweeter
  - Reduced Baffle Diffraction Design for wider, smoother dispersion
  - MagnaGuard video shielding
  - Adjustable footings
  - Built-in wall mount brackets
  - Changeable grilles to match your environment (optional)

- **Matching Subwoofer**
  - 8” down-firing design
  - 100 watt power amplifier
  - Deep Channel Design (DCD) for more bass from less amplifier power
AVR-590 Main Specifications:

**Power amplifier section**
- Front L/R: 110 W + 110 W (6 ohms, 1 kHz, THD 0.7%)
- 75 W + 75 W (8 ohms, 20 Hz - 20 kHz, THD 0.08%)
- Center: 110 W (6 ohms, 1 kHz, THD 0.7%)
- 75 W (8 ohms, 20 Hz - 20 kHz, THD 0.08%)
- Surround L/R: 110 W + 110 W (6 ohms, 1 kHz, THD 0.7%)
- 75 W + 75 W (8 ohms, 20 Hz - 20 kHz, THD 0.08%)

**Preamplifier section**
- Input sensitivity/impedance: 200 mV / 47 kΩ/kohms
- Frequency response: 10 Hz ~ 100 kHz — +1, –3 dB (DIRECT mode)
- S/N Ratio: 98 dB (IHF-A weighted, DIRECT mode)

**General**
- Power supply: AC 120 V, 60 Hz
- Dimensions (W x H x D): 434 x 171 x 377 mm (17-3/32" x 6-47/64" x 14-27/32")
- Weight: 10.8 kg (23 lbs 13 oz)

*MCS 90 Main Specifications:

- Satellite Speakers
  - Nominal Impedance: 8 ohms
  - Dimensions (WxHxD): 321 x 95 x 145 mm (12 5/8" x 3 3/4" x 5 11/16")
  - Weight: 2.1 kg (4.6 lbs)
- Center Speaker
  - Nominal Impedance: 8 ohms
  - Dimensions (WxHxD): 390 x 324 x 390 mm (15 3/8" x 12 3/4" x 15 3/8")
  - Weight: 10.3 kg (22.7 lbs)

DHT-590BA Connections