

# DHT-590BA

Home Theater System

# DENON

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.



Color: Black

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## Bullet points

### 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

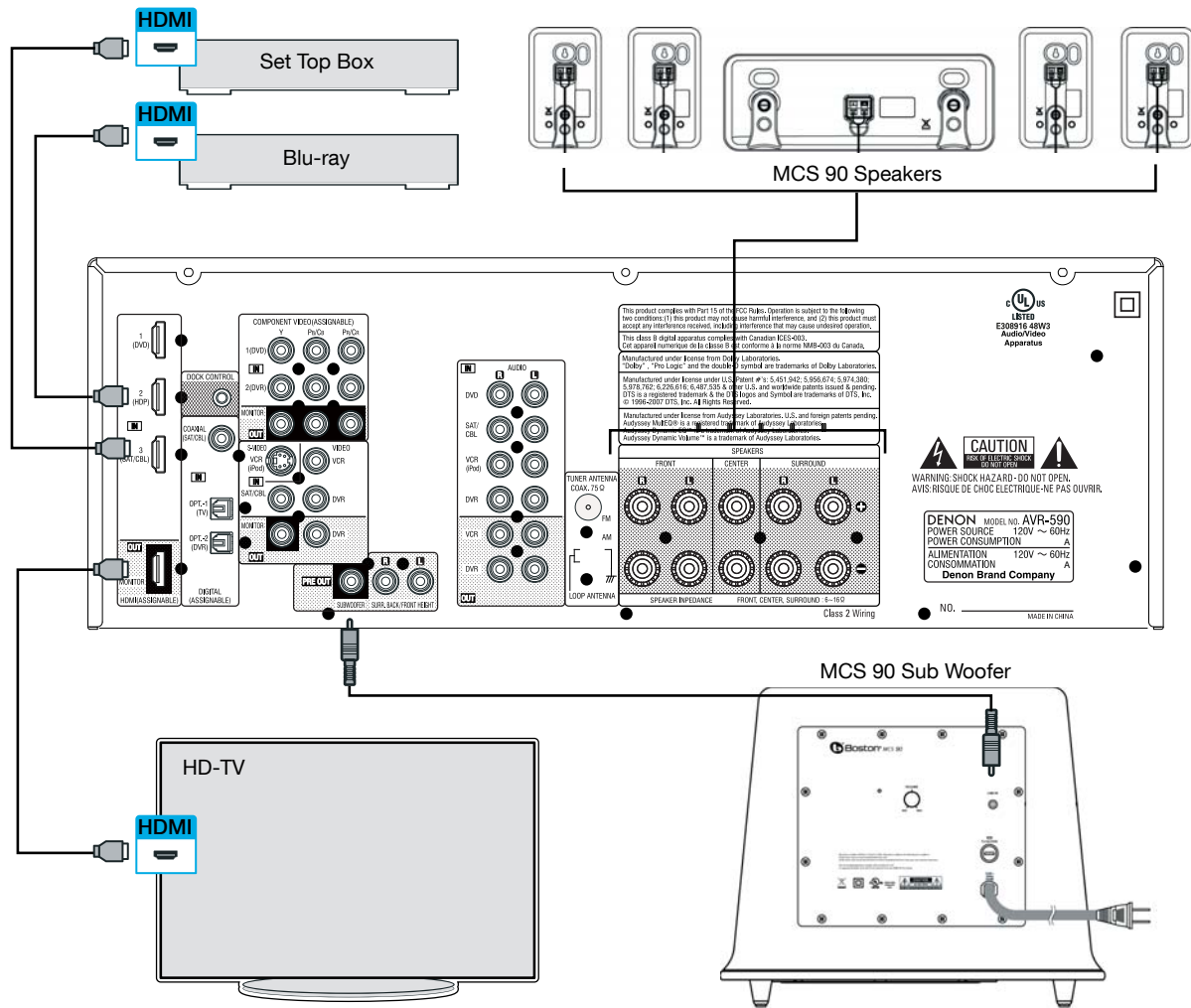
- 8" down-firing design
- 100 watt power amplifier
- Deep Channel Design (DCD) for more bass from less amplifier power

AVR-590 Input / Output Terminals:		
IN	HDMI	x 3
	Component	x 2
	S-Video	x 1
	Composite (Front x1)	x 4
	Analog Audio (Front x1)	x 5
	Digital OPTICAL	x 2
	Digital COAXIAL	x 1
OUT	HDMI Monitor	x 1
	Component Monitor	x 1
	Composite Monitor	x 1
	REC	x 1
	Analog Audio REC	x 2
	Audio PRE out (SBL/SBR/SW)	x 3
Others	Dock Control Port	x 1
	FM Tuner Antenna	x 1
	AM Tuner Antenna	x 1

AVR-590 Main Specifications:	
Power amplifier section	
Rated output	*THD figures are power amp stage values.
Front L/R	110 W + 110 W (6 ohms, 1 kHz, THD 0.7%)
	75 W + 75 W (8 ohms, 20Hz - 20kHz, THD 0.08 %)
Center	110 W (6 ohms, 1 kHz, THD 0.7%)
	75 W (8 ohms, 20Hz - 20kHz, THD 0.08 %)
Surround L/R	110 W + 110 W (6 ohms, 1 kHz, THD 0.7%)
	75 W + 75 W (8 ohms, 20Hz - 20kHz, 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) (23lbs 13oz)

MCS 90 Main Specifications:	
Satellite Speakers	
Nominal Impedance	8 ohms.
Dimensions (WxHxD)	113 x 93 x 189 mm 4 3/8" x 4 11/16" x 7 3/8"
Weight	1.14 kg, 2.5 lbs / each
Center Speaker	
Nominal Impedance	8 ohms
Dimensions (WxHxD)	321 x 95 x 145 mm 12 5/8" x 3 3/4" x 5 11/16"
Weight	2.1kg, 4.6 lbs
Subwoofer	
Power supply	AC 120 V, 60 Hz
Dimensions (WxHxD)	390 x 324 x 390 mm 15 3/8" x 12 3/4" x 15 3/8"
Weight	10.3kg, 22.7 lbs

## DHT-590BA Connections



\*HDMI cables are not included