

HOME  
ENTERTAINMENT

# REVITALIZED



OUR VITAL SERIES RECEIVERS ARE A CONTEMPORARY CELEBRATION OF PERFORMANCE & DESIGN. Our Home Theater thoroughbred, the 7.1 channel Vital 910. It's a no-nonsense power house with the goods you need to entertain yourself and those lucky enough to know you - for years to come.

With seven high-current 130-watt amplifiers, you will hear stunning detail that you never knew was there. Four HDMI inputs ensure that it works perfectly with the latest hi-def sources. And, with advanced Faroudja DCDi Cinema video processing, your standard DVDs can be up-scaled up to 1080p.

THE VITAL SERIES FROM SPEAKERCRAFT.

OUR LOVE FOR THE UNCONVENTIONAL IS UNCONDITIONAL.

THE *Vital* 910 | HIGH CURRENT 7.1 RECEIVER WITH ZONE 2 OUTPUT

# VITAL STATISTICS



## VITAL 910 7.1 RECEIVER

### AUDIO SECTIONS

#### Front Left & Right, Center, Surround Left & Right, Surround Back Left & Right

Rated Continuous Power Output/Channel (1 channel driven into 8Ω): 130 Watts, 20Hz to 20kHz

Rated Continuous Power Output/Channel (2 channels driven into 8Ω): 100 Watts, 20Hz to 20kHz

THD (at rated power): <0.05%

Rated Continuous Power Output/Channel (2 channels driven into 4Ω): 160 Watts <0.1% @ 1kHz

Output Voltage (Audio 1 and 5 OUTS): 250 mV

Output Voltage (Zone 2 Pre-Outs w/250 mV @ Source Inputs): 1.25V, VC Max.

Output Impedance (Pre-Outs): <300Ω

Freq. Response (@ 1 Watt @ 8Ω): 10 Hz to 80 kHz ± 1.5 dB

S/N Ratio (Re: Rated Output, IEC A, Line Inputs 1k Ohm): >110 dB (VC 20 dB below FCW)

Bass Control Range: ± 10 dB @ 100 Hz

Treble Control Range: ± 10 dB @ 10 kHz

### LISTENING MODES

Dolby TrueHD, Dolby Digital Plus, Dolby Digital EX, Dolby Pro Logic IIx, Dolby Pro Logic II

DTS-HD Master Audio, DTS-HD High Resolution Audio, DTS-ES Discrete 6.1, DTS-ES Matrix 6.1, DTS NEO:6, DTS 96/24

### VIDEO SECTIONS

#### HDMI

4 Inputs - 1 Output

All HDMI: Per HDMI v1.3a Specifications

Type: Repeater

#### COMPONENT

Bandwidth: 5 Hz to 100 MHz, +0dB, -3dB

Input/Output Levels (Y): 1.0V p-p, 75Ω

Input/Output Levels (Pb/Cb & Pr/Cr): 0.7V p-p, 75Ω

### S-VIDEO

Bandwidth: 5 Hz to 10 MHz, +0dB, -3dB

Input/Output Levels (Y): 1.0V p-p, 75Ω

Input/Output Levels (C): 0.286V p-p, 75Ω

### COMPOSITE

Bandwidth: 5 Hz to 10 MHz, +0dB, -3dB

Input/Output Levels: 1.0V p-p

Input/Output Impedance: 75Ω

### FM TUNER SECTIONS

Tuning Range: 87.5 to 108.0 MHz

S/N Ratio (65 dBf, 98.1 MHz): 78 dB Mono, 72 dB Stereo

Freq. Response (Mono or Stereo): 20 Hz to 15 kHz ± 3 dB

Separation (@ 1 kHz, 65 dBf): >40 dB

THD (1 kHz, 65 dBf, 98.1 MHz): 0.15% Mono, 0.3% Stereo

### AM TUNER SECTIONS

Tuning Range: 530 to 1710 kHz

### CONTROL SECTIONS

#### IR Control

IR 1 & 2 IN: 5 V p-p Active High, with Carrier

IR OUT: 5 V p-p Active High, Stripped Carrier (4V with 270Ω Loading)

#### Trigger OUT

Trigger Outputs (0 to 12 V DC): 12 V @ 10 mA, 9.0V @100mA

### GENERAL

#### Power Consumption 120V Version

Standby: 2.0 Watts

At 1/8 Rated Power (10 Watts/Channel, 8Ω): 570 Watts

Rear Panel Marked Line Ratings: 120 VAC, 60 Hz, 4.2A

### DIMENSIONS

17 3/8" W x 5 7/8" H\* x 15" D

\* 6 1/2" H, including feet

### WEIGHT

30 lbs