SpeakerCraft®

WE THINK IN GENERALITIES. WE LIVE IN DETAIL.

LIVE EVERY DETAIL.

THE *Vital* SERIES | HIGH CURRENT A/V RECEIVERS

SpeakerCraft
introduces
two ways to

REVITALIZE

HOME ENTERTAINMENT

Truth be told, choosing an A/V Receiver that's just right for you is not a simple task. There are brands that over promise and under deliver. There are brands that assume you finally got that inheritance check and have nothing better to do than spend it with them. And there are the 'value-priced' brands that never fail to remind you of why they are.

Which is why SpeakerCraft stands apart. Our two Vital Series receivers are a contemporary celebration of performance and design that shun the conventional wisdom. Case in point: our Home Theater thoroughbred, the 7.1 channel Vital 910. It's a no-nonsense powerhouse with the goods you need to entertain yourself and those lucky enough to know you - for years to come. There's also the life of any party, the 2-channel Vital 710, a stereo and multi-room machine, with a host of features that most companies call luxuries - and we call necessities. Both offer SpeakerCraft's legendary engineering wrapped beautifully in industrial design that instantly exudes quality from the moment you touch it.

The Vital Series from SpeakerCraft.

Our love for the unconventional is unconditional.

Vital

Vital
710

IT MAKES "ARE WE HAVING FUN YET?"
A GRATUITOUS QUESTION

When it's time to get things started, you need a real party animal that can go the distance every time. Exhibit A: The all-new Vital 710, a powerful, multi-room stereo receiver that combines maximum pleasure with minimal hassle. The Vital 710 is all about great sound and lots of it. And great sound begins with its superb high-current amplifier that delivers bigger, cleaner sound and unsurpassed reliability. The amplifier's design and the use of the highest quality discreet components allow the Vital 710 to drive up to four pairs of speakers for real whole-house entertainment when used with VSI60 impedance-balancing volume controls.

The Vital 710 will make beautiful music and route video signals from multiple devices. Switch from DVD movies to a hot show on cable. Then cap off the day with a mind-numbing session on your video game console. All this with the user-friendliness of a stereo receiver combined with many of the more advanced features typically found on sophisticated, surround sound models. Which is why in the world of multi-room stereo receivers, the Vital 710 doesn't simply stand out - it stands alone.

WHAT IS HIGH CURRENT AND WHY DO I WANT IT?

Can you imagine a receiver that delivers sound so detailed you thought it was only possible in the best movie theaters? A receiver that gives you a very rare glimpse into what was originally created in the mixing room? A receiver that lets you hear all the sound that is on the disc - not just some of it? That's what Vital's High Current amplifiers do and why every Vital receiver is powered by them. You'll hear precisely what the producers themselves intended. More current, more power, more musicality and the most detailed sound possible today. The 710 features discrete output stages that produce substantial headroom resulting in impressive sound pressure levels, another critical feature in larger home theater rooms.

Vital
910

IT'S NOT OFTEN YOU SEE THE WORDS PRODIGY AND MUSCLE-BOUND IN THE SAME HEADLINE

Can you remember that car you got rid of because it had too much horsepower and torque? We didn't think so. Maximum horsepower and torque are what separate a thrilling experience from a simple ride to work. And maximum audio horsepower and torque is what High Current does for a receiver - and why no Vital Series receiver would ever be built without it.

SpeakerCraft's top performer is the Vital 910, a 7.1 channel overachiever that produces elegant extremes of both audio and video. It boasts 4 HDMI inputs and an HDMI output that work and play perfectly with Blu-ray players, video game systems, high-definition satellite receivers and cable boxes. And, with advanced Faroudja DCDi Cinema video processing, even standard-definition DVDs will look almost as crisp as high-definition discs.

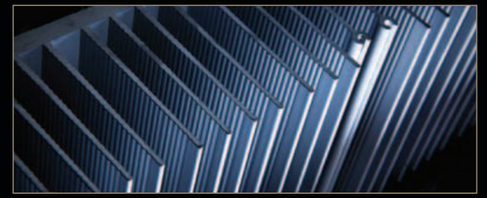
On the audio side, the Vital 910 produces stunningly accurate detail. Seven high-current, audiophile-quality 130-watt amplifiers pump out enough power to create lasting memories - even in the largest living rooms. High-resolution, surround sound technologies from Dolby and DTS make Blu-ray discs come alive, while Dolby TrueHD and DTS-HD Master Audio are at your fingertips for standard DVDs and television watching. Classic values and modern science have never blended together so seamlessly - or so elegantly.

SpeakerCraft® DESIGN

Because you buy with your eyes, both the Vital 710 and Vital 910 sport looks that match their formidable substance. Our Floating Radius front panel design is not only unique, it's also drop-dead gorgeous. Just one look and you'll know why both models make all those other generic black box receivers look like, well... generic black boxes. It's all part of SpeakerCraft's philosophy of marrying premium engineering and high-fashion design to match.

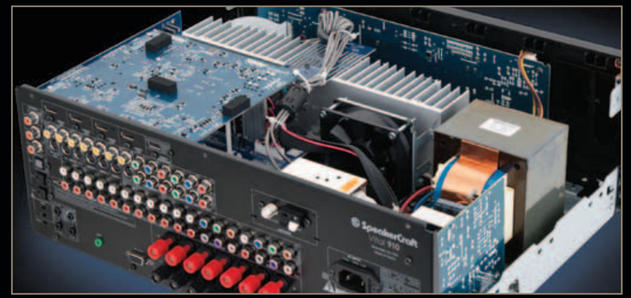
910 VITAL ORGANS

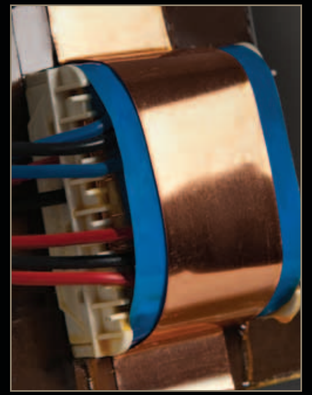
The 910 is our 7.1 channel entertainment flagship receiver capable of the most advanced audio and video playback.



Very large heatsinks augmented by 3 fans in the Vital 910 are the heart of an effective thermal management system insuring reliable operation and extending component life.

Zone 2 outputs (line or amplifier) and a second zone remote allow the Theater receiver to distribute audio and video to a secondary area of the home.





A massive power transformer with large capacitors provide stable power when all seven channels are driven at full output.

The Faroudja DCDi Cinema™ video processor reduces noise, eliminates video artifacts and up-scales standard def sources for output to a 1080p TV.

Every source has assignable audio and video inputs making analog and digital combinations possible. Sources also are named and displayed on the front panel and on-screen display.

VITAL SPECS

VITAL 910

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
- Frequency Response (@ 1 Watt @ 8Ω): 10Hz to 80kHz ±1.5 dB
- S/N Ratio (Rie: 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
- 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

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

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

GENERAL

Power Consumption 120V Version
Standby: 2.0 Watts
At ⅓ Rated Power (10 Watts/Channel, 8Ω) - 570 Watts
Rear Panel Marked Line Ratings: 120 VAC, 60 Hz, 4.2A

DIMENSIONS
17⅝" W x 5⅞" H* x 15" D
* 6½" H, including feet

WEIGHT
30 lbs

VITAL 710

AUDIO SECTIONS
Power Output/Channel (RMS, two channels driven into 8Ω): 80 Watts, 20Hz to 20kHz
THD (at rated power): <0.007%
Power/Channel (RMS, 2 channels driven into 4Ω): 125 Watts <0.1% @ 1kHz
Output Voltage @ Pre-Outs (w/220 mV @ Source Inputs): 1.25V, VC Setting, VC Max.
Output Impedance (Pre-Outs): <300Ω
Frequency Response (@ 1 Watt @ 8Ω): 10 Hz to 80 kHz ± 1.5 dB
S/N Ratio (Rie: Rated Output, IEC A, Line Inputs Shorted): >100 dB (VC 20 dB below FCW)
S/N Ratio (Rie: Rated Output, IEC A, Phono Inputs Shorted): >90 dB (VC 20 dB below FCW)
Bass Control Range: ± 10 dB @ 100 Hz
Treble Control Range: ± 10 dB @ 10 kHz

VIDEO SECTION
Signal Format: Composite
Bandwidth (Outputs 75Ω Terminated): 10 Hz to 10 MHz ± 1dB
Input/Output Levels (I/O's 75Ω Terminated): 1.0V p-p ± 5%

FM TUNER SECTIONS
Tuning Range: 87.5 to 108.0 MHz
S/N Ratio (65 dBf, 98.1 MHz): 75 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): 0.2% Mono, 0.4% Stereo

AM TUNER SECTIONS
Tuning Range: 520 to 1720 kHz

CONTROL SECTIONS
Trigger Outputs (0 to 14 V DC): 14 V @ 10 mA, 9.0V @100mA

GENERAL

Power Consumption 120V Version
Standby: 3 Watts
At ⅓ Rated Power (10 Watts/Channel, 8Ω): 180 Watts
Rear Panel Marked Line Ratings: 120 VAC, 60 Hz, 230 Watts

DIMENSIONS
17⅝" W x 6" H* x 14¼" D
* 6½" H, including feet

WEIGHT
21.5 lbs

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