

DAVED TECHNOLOGY A/V RECEIVER & CLIENT SYSTEM



DAVED (pronounced David) stands for Digital Audio via Electrical Distribution. It is a great new method for distributing multi-room audio. Simply connect the main unit into your home theater system, take the client unit wherever you wish, plug it in, and you'll have second zone sound!



ZR6001 AV receiver with DAVED is a full featured home theater receiver based on the award winning SR5600. So in addition to 90 Watts x 7, HD component video switching, video upconversion, and typical second zone operation, once plugged into the wall it is ready to utilize your house wiring for digital second zone audio.

- DAVED Transmitter function
- 90 watts (into 8 ohms) x 7 ch Amps
- 32bit DSP
- 192 kHz/24-bit D/A converters for all channels
- All discrete "Current Feedback" amplifier stages
- Lip Sync control
- Dolby Digital EX, Pro Logic IIx (Movie/Music/Game),
- Front panel A/V inputs
DTS 96/24, ES (Discrete 6.1/Matrix6.1), Neo:6 (Cinema/Music)
- RS232C terminal for system control
- SRS Circle surround II
- D-BUS (RC-5 In/Out) remote connection
- Dolby Headphone
- On Screen Display
- Multi channel stereo mode
- HDCD® Decoder
- Assignable HD compatible component video
- Detachable power cord switching (2 in / 1 out)
- 50 AM/FM station presets with station naming
- Video up-conversion: Composite to S-Video
- 2nd Zone audio output (Individual source)
- x2 Optical / x2 Coaxial assignable digital inp w/discrete commands
- S-Video/Composite switching (5 in / 3 out)
- 2 digital outputs (1 optical / 1 coaxial)
- Pre-programmed system remote
- 1 switched and 1 unswitched AC convenience outlets
- Three year limited warranty



ZC4001 client is a fully self contained DAVED receiver, amplifier and speakers. It's portable, so you can take it anywhere that you have power and access the audio from your main system, including outdoors!

- Transportable DAVED client
- Built-in 10 watts x 2-ch powered speakers
- Up to six ZC4001 companion receivers
- Source product control by local keys and remote can be connected to a ZR6001.
- Status feedback from ZR6001 on the FL display
- Instant audio distribution by connecting AC cord
- Wake-up timer
- Sound enhancement by SRS WOW
- Sleep timer
- Bass boost mode
- Display dimmer
- External analog input
- Three year limited warranty

ZR6001 A/V RECEIVER

FEATURES

MULTICHANNEL/SURROUND

Number of Channels	7
THX	-
DTS (ES, Discrete 6.1/ Matrix 6.1, Neo-6)	• (+ 96/24)
Dolby Digital EX	•
Dolby Pro Logic IIX	•
Circle Surround II	•
SOUND ENHANCEMENTS	
HDCD Decoder	•
Current Feedback Topology	•
Discrete Amplification	• (All 7ch)
Power Transformer	EI
D/A Conversion	192kHz/24-Bit
Digital Signal Processing	Cirrus Logic® 32-Bit
Video Off	•
Source Direct	•
Chassis	Metal
Variable X-over	•
Display Off	•
Video Up-conversion	Up to Component
Auto Calibration	-
XM-Ready	-
Dual AM/FM tuner	-
Bass management	-
Lip-sync (digital audio delay)	•
Software Upgradable (RS232)	-

IN/OUTPUTS

VIDEO	
HDMI In	-
Component In	2 (Assignable Inputs)
S-Video In	5
Composite In	5
HDMI Out	-
Component Out	1
S-Video Out	3
Composite Out	3
AUDIO	
Analog L&R In	8
Analog L&R Out	5
Digital Optical In	2
Digital Coaxial In	2
Digital Optical Out	1
Digital Coaxial Out	1
IEEE1394 Connection	-

SPECIFICATIONS

AUDIO SECTION

Power Output (8 Ohm)	95x7
S/N Ratio	105db
Freq. Response (Analog In)	8Hz - 100kHz (+/- 3 dB)
Freq. Response (Dig In)	8Hz - 45kHz (+/- 3 dB)

TUNER SECTION FM

Frequency Range	87.5 - 108.0MHz
S/N Ratio (Mono/Stereo)	Mono/Stereo 75/70 dB

TUNER SECTION AM

Frequency Range	520 - 1710kHz
S/N Ratio	50db

VIDEO SECTION

Video Freq. Response (Component)	5Hz - 80MHz (- 1 dB)
Video Freq. Response (Composit, S-Video)	5Hz - 8MHz (- 1 dB)
Signal to Noise	60dB

GENERAL

Color	Black
Front Panel	Aluminum
Remote Control	Pre-Coded System Remote RC5500SR
Power Requirement	AC 120V/60Hz
Power Consumption	450w
Dimensions W" x H" x D" (Inches)	17 5/16" x 6 7/16" x 18 1/4"
Weight (lbs)	30.2

IN/OUTPUTS (Continued)

OTHER	
Pre-Amplifier Out	8ch
Main Amplifier In	-
Multi-Channel In	8ch
Multi-Room Audio Out	1 (L&R)
Multi-Room Video Out	-
Multi-Room Speaker Out	•
Speaker A/B	Surround Speaker "B"
DAVED Transmitter	•
External control (RS232C)	•
DC Triggers	-
D-Bus Remote (RC-5) In/Out	2/2
External IR In/Out	0/4
Front Panel A/V Inputs	•
Headphone Out	• (Dolby Headphone)
AC Outlets (Switched/Unswitched)	1/1



ZC4001 CLIENT & SYSTEM GUIDE

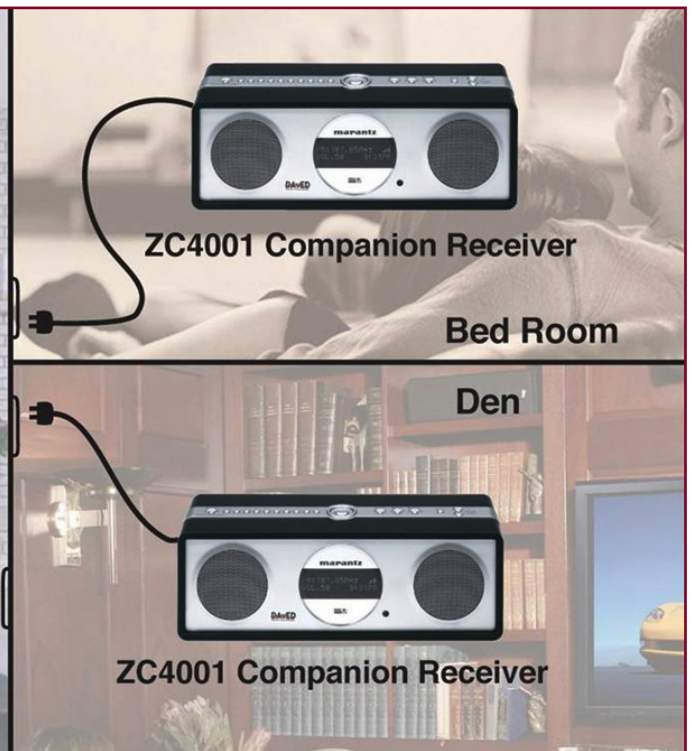


SPECIFICATIONS

Number of Channels	2
Output Power/Channel (20Hz - 20kHz)	10W
Power Transformer	EI
Sound Enhancer	SRS WOW
Bass Boost	•
Display Dimmer	•
Clock	•
Wake-up Timer	•
Sleep Timer	•
IN/OUTPUTS	
AUDIO	
Analog L&R In	1
Analog L&R Out	-
Headphone Out	-
DAvED SPECIFICATIONS	
Modulation Method	Multi carrier
Frequency Range	2MHz - 20MHz
Maximum Audio Transmission Quality	Equivalent to CD (44.1kHz/16-Bit)
GENERAL	
Color	Black Metallic
Power Requirement	AC 120V 60Hz
Power Consumption	36W
Dimensions (Inches) W x H x D	14 1/4" x 5 1/16" x 4 3/8"
Weight (lbs.)	6.6

DAVED

Digital Audio via Electrical Distribution



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LIFE AMPLIFIED™

*All specifications, dimensions and weights are subject to change without notice.

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