



Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for DENON AVR-1601. You'll find the answers to all your questions on the DENON AVR-1601 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

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DENON NEW MODEL INFORMATION
Dolby Digital and DTS A/V Receiver
AVR-1601 90th DENON Anniversary

Bringing the Excitement of Home Theater Closer to Your Home

The AVR-1601 A/V receiver lets you enjoy home theater entertainment through a wealth of easy-to-use functions and superior sound quality. It provides five high-powered channels of 60 watts each and of course supports Dolby Digital and DTS, to give you the scintillating experience of cinematic surround sound in your own home. Even if you have only two speakers, one for each stereo channel, the AVR-1601 includes a Virtual Surround mode that still lets you feel wrapped up in sound as you would in a real theater.



Dolby Digital **DTS** **90** **Watts** **5.1** **ch** **Equal Power** **5.1** **ch** **Personal Memory Tun**

- Dolby Digital and DTS Decoders**
Equipped with both Dolby Digital and DTS 5.1 channel decoding, the AVR-1601 provides fitting surround sound with the thousands of Dolby Digital and DTS encoded DVDs, as well as the growing library of DTS 5.1 channel music recordings available on CD.
- Fully Discrete, Equal Power Five Amplifier Channels, 60 Watts Each**
Front 60 W + 60 W (8 ohms, 20 Hz - 20 kHz, 0.08 % THD)
Center 60 W (8 ohms, 20 Hz - 20 kHz, 0.08 % THD)
Surround 60 W + 60 W (8 ohms, 20 Hz - 20 kHz, 0.08 % THD)
For optimum Dolby Digital and DTS reproduction, the AVR-1601 features high quality, wideband audio amplification, providing 60 watts power output for each of the five main channels. A large capacity power supply includes a high current power transformer along with discrete power output devices on all five amplifier channels for highest dynamic range and superb reproduction clarity.
- 5 Channel Stereo Mode**
DENON's exclusive 5 Channel Stereo mode provides superb surround sound with conventional two-channel music and video sources. Here, exciting surround sound from all five speakers with your favorite two channel music sources such as CD, tape, stereo radio and stereo video sources.
- Virtual Surround Mode**
Surround yourself with occasional 3D soundfield development using just one pair of speakers. The AVR-1601's Virtual Surround mode provides a dramatic psychoacoustic surround sound effect, using two speakers with Dolby Digital 5.1 encoded sources.
- DENON DSP Surround Modes Add Listening Excitement**
Put yourself in the middle of your favorite concert hall and music environments with DENON's DSP acoustic environment simulation modes. These DSP modes add spacious surround sound enhancements to your favorite music and video sources, and include these distinctly different sounding effects:
1. 5 Channel Stereo 5. Video Game
2. Virtual Surround 6. Matrix
3. Rock Arena 7. More Movie
4. Jazz Club
- Supports Next Generation High Resolution Formats**
Future system upgrade capability is provided with the AVR-1601's 6 Channel External Input feature. For next generation high resolution multi-channel audio formats such as DVD-Audio and SACD, the 6 Channel External Input is equipped with a wideband frequency response extending to 100 kHz. In addition, the digital inputs support high resolution 24 bit, 96 kHz stereo PCM soundtracks, available on selected audiophile DVD music releases.
- "S" and Composite Video Switching**
Three sets of composite video (coaxial) jack and three sets of "S"-video terminals are provided (TV, VCR and DVD inputs), allowing a full complement of video sources to be switched and routed to the receiver TV.
- Front A/B Speaker Terminals**
Two sets of speaker terminals are provided for the main (left and right) speakers. This allows the use of a second pair of stereo speakers in another room in the home.



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Manual abstract:

Dolby Digital and DTS Decoders Equipped with both Dolby Digital and DTS 5.1 channel decoding, the AVR-1601 provides thrilling surround sound with the thousands of Dolby Digital and DTS encoded DVDs, as well as the growing library of DTS 5.1 channel music recordings available on CD. s s Fully Discrete, Equal Power Five Amplifier Channels, 60 Watts Each DENON DSP Surround Modes Add Listening Excitement Put yourself in the middle of your favorite concert hall and music environments with DENON's DSP acoustic environment simulation modes. @@5 Channel Stereo 2. Virtual Surround 3. Rock Arena 4. Jazz Club 5. Video Game 6. Matrix 7.

Mono Movie For optimum Dolby Digital and DTS reproduction, the AVR-1601 features high quality, wideband audio amplification, providing 60 watts power output for each of the five main channels. A large capacity power supply includes a high current power transformer along with discrete power output devices on all five amplifier channels for highest dynamic range and superb reproduction clarity. 5 Channel Stereo Mode DENON's exclusive 5 Channel Stereo mode provides superb surround sound with conventional two channel music and video sources. Hear exciting surround sound from all five speakers with your favorite two channel music sources such as CD, tape, stereo radio and stereo video sources. s Supports Next Generation High Resolution Formats Future system upgrade capability is provided with the AVR-1601's 6 Channel External Input feature.

For next generation high resolution multi-channel audio formats such as DVD-Audio and SACD, the 6 Channel External Input is equipped with a wideband frequency response extending to 100 kHz. @@@@This allows the use of a second pair of stereo speakers in another room in the home. s NEW s MODEL INFORMATION s AVR-1601 Versatile Input & Output Terminals For maximum system flexibility, the AVR-1601 is provided with an abundance of audio and video input and output terminals. Two assignable digital inputs, one optical and one coaxial, can be configured according to your system's component output capabilities. @@ · Audio Inputs 6 Analog Inputs .

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.. CD, TUNER, DVD/DVP, TV/DBS, VCR, MD/TAPE 6 Analog EXT. Input..

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..... @@OPTICAL X 1 1 Digital (Coaxial) Input.

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..... COAXIAL X 1 · Audio Outputs 1 Analog PRE OUT Terminals

SUBWOOFER 2 Analog REC OUT Terminals..... @@DVD/VDP, TV/DBS, VCR 3 S-Video Inputs

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.. @@VCR, MONITOR 2 S-Video Outputs.....

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..... @@@@Front

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... @@@@Audiophile Quality Speaker Terminals In addition to accepting bare wire or pin terminations, the front main speaker terminals (left, center, and right) can also accept banana-plug terminals for full compatibility with high grade speaker cables, along with easy connection capability. Multi-Function Preset Memory Remote Controller The supplied system remote controller features a large selection of remote control codes to operate other components in your home theater system, including codes for selected DENON models, along with remote control codes from other manufacturers. @@200 mV/47 kohms Output level/Load impedance SUBWOOFER.....

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. 1.2 V/10 kohms MD/TAPE MONITOR, VCR.....

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.... 200 mV/47 kohms Frequency response.....

.... @@@@Treble: ±10 dB at 10 kHz Bass: ±10 dB at 100 Hz s FM Section Tuning frequency range.....

. 87.5 - 107.9 MHz Usable sensitivity..

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..... 1.

0 μV (11.2 dB) s AM Section Tuning frequency range..... 520 - 1710 kHz Usable sensitivity...

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... 18 μ V General Power supply

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AC 120 V, 60 Hz Power consumption

..... 3.7 A Dimensions..

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... 434 (W) x 147 (H) x 417 (D) mm 17.1" (W) x 5.8" (H) x 16.4" (D) Weight

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..... 9.5 kg, 20.

9 lbs s *Design and specifications are subject to change without notice. @@*DTS is registered trademarks of DTS Technology. DENON ELECTRONICS.
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