

AV Surround Preamp DN-A7100



Key Features

- 7.1 Balanced Line Level XLR Outputs (+4dB/-10dB - switchable)
- Balanced XLR Auxiliary Audio Input (+4dB/-10dB - switchable)
- HDMI Video Switching (ver. 1.1) (2 sources)
- 192kHz/24 bit Crystal® DAC for all 8 Channels
- 32 bit Digital Surround Processing Chipsets
- Set-up menu via Video Outputs (Composite, S-Video, Component)
- Video Convert Feature (Composite/S-Video to Component)
- Dolby Digital EX, Dolby Digital, DTS ES (Discrete 6.1, Matrix 6.1, Neo:6) Decoding
- Dolby Pro Logic IIx (Movie, Music, Game)
- Circle Surround II (Movie, Music, Mono)
- HDCD Decoding
- RS-232C Terminal for System Control
- XM Ready

Real Balanced Audio Outputs - No more adapters!



At the top of the DN-A7100 feature list is its 8 true balanced line-level outputs. In many professional applications, the main feature utilized in any AV switching product is its ability to decode digital surround sound signals and output them to their specific speaker output.

The DN-A7100 is no exception. It is compatible with the most advanced surround sound formats and because of its unique design, the DN-A7100 is ideal for any installation that requires high-quality, channel separated audio outputs — especially those installations where adapting unbalanced RCA preamp outputs is completely unacceptable (and it always is!) or the extra weight of ill-purposed, unused consumer power amps is not needed.

Many installations now require surround sound decoding. From big deployments with many power amps driving line array speaker systems to small boardrooms and home theaters with active monitor systems, the Denon DN-A7100 is the affordable, professional choice.

Balanced XLR Auxiliary Inputs

In addition to the DN-A7100's 8 balanced line outputs, it's thoughtfully equipped with a pair of stereo XLR inputs. Switchable between +4dB and -10dB input levels, these inputs are ideal for any source such as a professional CD player in a boardroom or an outboard microphone mixer in a conference hall.

Full-featured AV Source Switching

The DN-A7100 is not just a surround sound decoding preamp. It is a full-featured AV source switcher. All audio and video sources in an installation are easily hooked up to the rear of the unit and from the front panel, the included IR controller, or by RS-232, the end-user may easily select whichever source they wish to enjoy.

Source Video Switching with Convert to Component

Let's face it. Even in today's technically advanced systems, not all video components have high definition outputs. Many boardrooms still rely on source products like VCR's and analog TV tuners.

There is nothing worse than having to run multiple video cables to a display. Well, that's OK. With the DN-A7100's convert to component feature, it does not matter which input your device hooks up to. Simply plug your TV tuner into the composite TV input and your S-VHS into the VCR S-video input, the DN-A7100 converts the signals to the component outputs, allowing you to only run one set of cables to the display.

7.1 direct audio inputs

Ensuring compatibility with any future component, audio format, or external equipment with decoded outputs (i.e. SACD, Blu-ray player, HD-DVD player) is not a problem with the inclusion of the 7.1 direct audio inputs.



Controllability

The DN-A7100 is controllable via its included Infrared remote controller or by RS-232c serial control. A 9-pin D-Sub connector allows for integration into any installation with a Crestron® or AMX® control system.

AM/FM Tuner with XM Compatibility

DN-A7100



Inputs/Outputs

Audio Inputs

- 8 Sets Analog Inputs
 - TV, DVD, VCR, DSS/VCR2, CD, TAPE, CDR/MD, Aux 2 (part of 7.1 direct in)
- 1 Set Analog Balanced Input
 - Aux 1 (XLR L/R Input - switchable +4dB/-10dB)
- 1 Set Discrete Analog Input
 - Aux 2 (7.1 direct in - L/R (stereo), SL, SR, C, SBL, SBR, SW)
- 3 Digital Inputs
 - Optical x 3 (assignable)
 - Coaxial x 2 (assignable)

Audio Outputs

- 8 Balanced Analog Outputs
 - L, R, C, SL, SR, SBL, SBR, SW (XLR, switchable +4dB/-10dB)
- 1 Unbalanced Audio Output
 - SW
- 3 Sets Analog REC Output
 - VCR, TAPE, CDR/MD
- 2 Digital Outputs
 - Optical x 1
 - Coaxial x 1
- 1 Headphone Output
 - 1 - 1/4" Headphone Output (front panel mounted)

Video Inputs

- 2 Sets HDMI (v1.1) Input
 - Input-1, Input-2 (assignable)
- 3 Sets Component Video Input
 - Input-1, Input-2, Input-3 (assignable)
- 5 Sets S-Video Input
 - TV, DVD, VCR, VCR2, AUX1
- 5 Sets Composite Input
 - TV, DVD, VCR, VCR2, AUX1

Video Outputs

- 1 Set HDMI (v1.1) Output
 - Output
- 2 Sets Component Video Output
 - Monitor Out-1, Monitor Out-2
- 2 Sets S-Video Output
 - VCR, Monitor (will convert to Component)
- 2 Sets Composite Output
 - VCR, Monitor (will convert to Component)

Control

- RS-232
 - 1 - DB9 Bi-Directional connector
- Infrared
 - 1 - IR receiver (front panel mounted)

Other Connectors

- FM Antenna In
 - Coax (75 ohm)
- AM Antenna In
 - Available
- XM
 - Available
- DC Trigger
 - 1/8"
- AC Inlet
 - IEC Weighted, Grounded with Detachable Cord

PLEASE NOTE: Specifications are based on measurement conditions and proper care for the machine, and are subject to change without notice.

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