



## ■ DX-5 : *universal A/V engine*

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### Features

- Plays all optical disc formats; CD, SACD, DVD-Audio, DVD-Video, Blu-ray, MP3
- Exclusive Ayre “Minimum Phase” digital filter
- Single-pass 16x oversampling
- Discrete decoding and playback of all formats in their native domain
- Two HDMI outputs (A/V and Audio-only)
- Asynchronous transfer mode USB input, up to 24 bit 192 kHz
- Ultra-low jitter master clocks
- ■ **Zero-feedback**, ■ **fully-balanced** discrete circuitry
- Equilock circuitry for active gain devices
- Double regulated analog power supplies for each circuit
- Total electrical isolation between video, computer audio, and analog audio sections
- Separate transformers for analog audio and video circuitry
- Ayre Conditioner power-line RFI filters for each transformer
- AyreLink communication system
- Ethernet connection for BD Live features and Firmware updates

### Specifications

#### HDMI Video Output Selectable output formats:

RGB, video levels (16 - 235)  
 RGB, PC levels (0 - 255)  
 YCbCr, 4:4:4, video levels (16 - 235)  
 YCbCr, 4:2:2, video levels (16 - 235)  
 “Deep Color” - 10 bits per color  
 “Deep Color” - 12 bits per color  
 NTSC: 480i/480p/720p/1080i/1080p/1080p24  
 PAL: 576i/576p/720p/1080i/1080p/1080p24

#### HDMI Audio Output Selectable output formats:

PCM (standard discs)  
 DSD or PCM (SACDs)  
 (All compressed formats decoded to PCM)  
 Analog Audio - Maximum Output Level (PCM)  
 4.00 V rms - balanced outputs  
 2.00 V rms - single-ended outputs  
 Analog Audio - Maximum Output Level (DSD)  
 2.00 V rms - balanced outputs  
 1.00 V rms - single-ended outputs  
 Analog Audio - XLR

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