

DAC Comparison Chart

| | ACE | 260D ¹ | 280D | 340i DPX ¹ | 390 | 650D | 780D v2 | 230HAD | 430HA ¹ |
|---------------------------|---------------|-------------------|---------------|-----------------------|----------------------|---------------|---------------|--------------|--------------------|
| Outboard Power Supply | ○ | ○ | ○ | ○ | ○ | Optional 820S | Optional 820S | ○ | ○ |
| S/PDIF Input | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| AES/EBU Input | ○ | ○ | ● | ○ | ● | ● | ● | ○ | ○ |
| Optical (Toslink) Input | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| USB Input ² | ● | 24-bit/192kHz | ● | ● | ● | 24-bit/192kHz | ● | ● | ● |
| Bluetooth Input | ● | ○ | ● | ○ | ● | ○ | ● | ○ | ○ |
| DSD Decoding (via USB) | ● | ○ | ● | ● | ● | ○ | ● | ● | ● |
| Single-ended out (RCA) | n/a | ● | ● | n/a | 2 pairs ³ | 1 pair | ● | ● | ● |
| Balanced out (XLR) | n/a | ● | ● | n/a | 1 pair | ● | ● | ○ | ○ |
| Digital Output - S/PDIF | n/a | ● | ○ | n/a | n/a | ● | ○ | ○ | ○ |
| Digital Output - AES/EBU | n/a | ● | ○ | n/a | n/a | ● | ○ | ○ | ○ |
| RS-232 Port | ● | ● | ● | ● | ○ | ● | ● | ○ | ● |
| Infra-Red (IR) Input | ● | ● | ● | ● | ● | ● | ● | ○ | ● |
| SimLink | ● | ● | ● | ● | ● | ● | ● | ○ | ● |
| MiND Streaming Module | ● | ○ | Optional | ○ | ● | ○ | ● | ○ | ○ |
| DSD Streaming via MiND | ● | ○ | ● | ○ | ● | ○ | ● | ○ | ○ |
| S/N Ratio @ full output | > 115dB | > 120dB | > 118dB | > 110dB | > 125dB | > 120dB | > 124dB | > 115dB | > 116dB |
| THD @ 1kHz, 0dBFS | < 0.001 % | < 0.005 % | < 0.001 % | < 0.001 % | < 0.0004 % | < 0.001 % | <0.0001 % | < 0.001 % | < 0.001 % |
| Remote Control | CRM-3 | CRM-3 | CRM-3 | CRM-3 | CRM-3 | FRM-3 | FRM-3 | CRM-3 | CRM-3 |
| Weight (lb) | 24 | 16 | 16 | 28 | 22 | 35 | 38 | 6.2 | 17 |
| Dimensions (w" x h" x d") | 16.9x3.5x14.4 | 16.9x3.4x13.1 | 16.9x3.4x13.1 | 16.9x3.5x14.8 | 16.9x3.5x13.1 | 18.8x4.0x16.8 | 18.8x4.0x16.8 | 7.0x3.0x11.0 | 16.9x3.5x13.8 |

¹ Optional DAC board

² USB input is PCM 32-bit/384Hz capable unless otherwise noted

³ 1 pair is optional variable analog outputs