

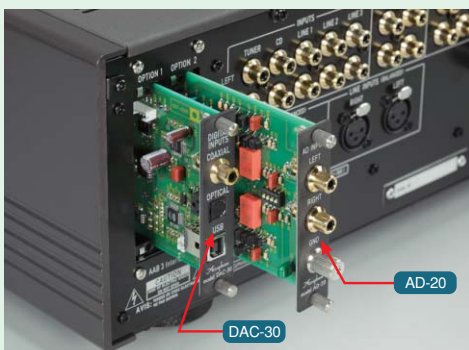
Option
Digital Input Board With USB Port

DAC-30

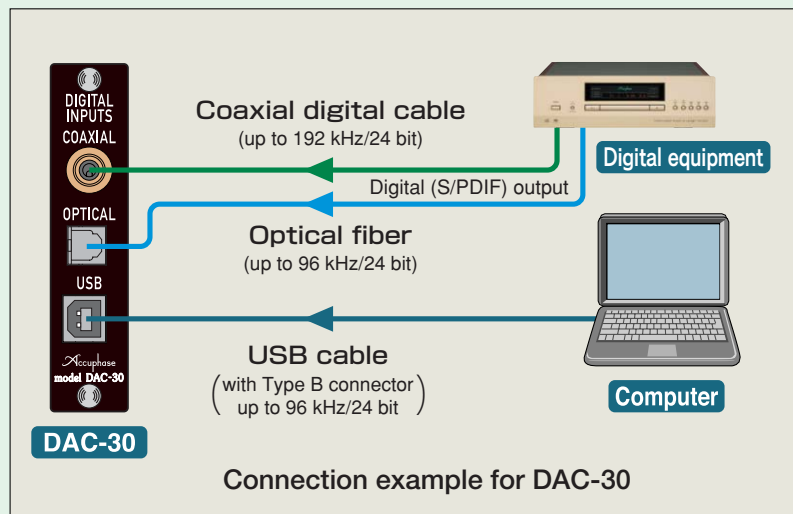


Lineup Innovation : Digital Input Board DAC-30 Featuring USB Port

The newly introduced DAC-30 is a digital input option board incorporating the latest MDS++ D/A converter technology (using two Texas Instruments PCM1796 chips driven in parallel for each channel). When installed in the rear-panel option board slot of a compatible component, the DAC-30 allows direct input of digital signals for high-grade sound reproduction. The choice of input connector formats includes coaxial, optical, and USB (Type B). To accommodate even very high-grade music sources, sampling frequency support extends to 192 kHz/24 bit for the coaxial input and 96 kHz/24 for the optical and USB inputs. The USB port allows connection to a computer with a downloaded music library, for playback of high-resolution data with optimum sound quality.



Installation example DAC-30 installed in rear-panel option board slot, input selector set to "OPTION 1"



Connection example for DAC-30



*If multiple input signals are supplied at the same time, the unit automatically locks onto a signal when "OPTION 1" is selected, using the following priority sequence: **COAXIAL** → **OPTICAL** → **USB**

*To exclude a signal from being selected, either disconnect the cable or turn power of the respective equipment off.

The DAC-30 can be installed in the option board slots of preamplifiers and integrated amplifiers supporting the DAC-20/AD-20 and be used in the same way.

- Supported models:
C-2110, C-2000, C-245, CX-260
E-560, E-460, E-350, E-250
E-550, E-530, E-450, E-408
E-308, E-213

DAC-30 Specifications

■ Connection cable types

- COAXIAL : Coaxial digital cable
- OPTICAL : Optical fiber cable
- USB : USB cable (with Type B connector)

* Support for playback of music data over a USB connection depends on the music player software of the computer.

* For information on USB settings and connection method, refer to the documentation of the computer.

- **COAXIAL** : IEC 60958/AES-3 compliant
: Digital input 0.5 Vp-p, 75 ohms
: Sampling frequency range 32 kHz to 192 kHz, 24 bit
- **OPTICAL** : IEC 60958/AES-3 compliant
: Digital input -27 to -15 dBm
: Sampling frequency range 32 kHz to 96 kHz, 24 bit
- **USB** : USB 2.0 Full Speed (12 Mbps) compliant
: Sampling frequency range 32 kHz to 96 kHz, 24 bit