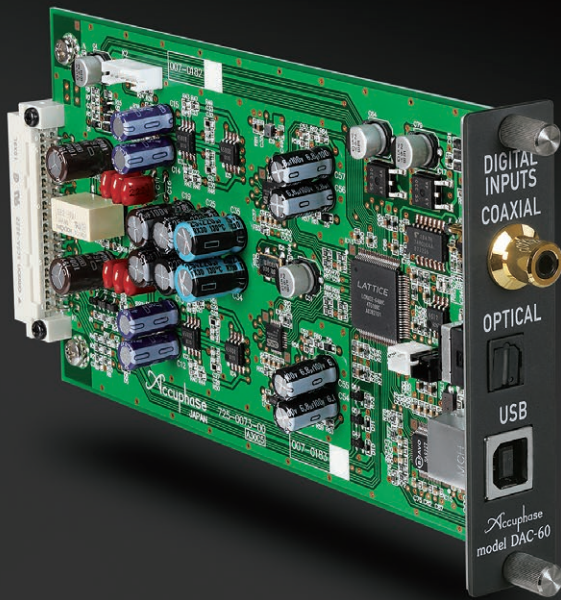# Accuphase

## DIGITAL INPUT BOARD
# DAC-60

**Supported Sampling Frequencies**
【DSD】11.2 MHz / 1-bit
【PCM】384 kHz / 32-bit

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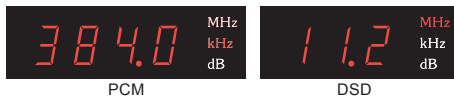## Digital Input Board With USB, Optical, and Coaxial Inputs

### Convert signals from various digital source components into high-quality analog signals

The DAC-60 is a digital input board that can input digital signals directly into amplifier units when installed in Accuphase preamplifiers and integrated amplifiers (listed below). Three input types are provided (USB, OPTICAL, COAXIAL) for connection to a broad range of digital devices. The D/A converter adopts the "2MDS+ (Multiple Delta Sigma) converter principle" with ES9016K2M (ESS Technologies) mounted in parallel to convert analog signals that remain extremely true to the original source sound. Born from cutting-edge audio technologies, the DAC-60 is an option board that provides truly high-quality and fully expressive performances.
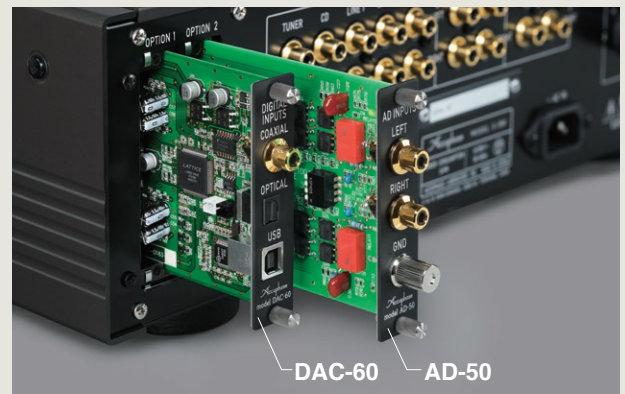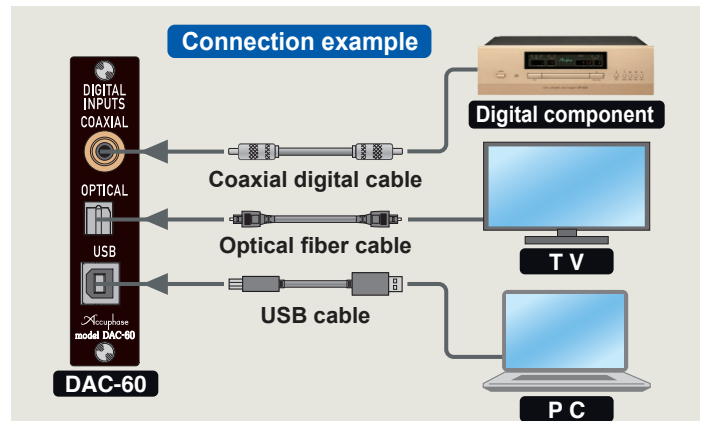
DAC: ES9016K2M

Supported amplifier units can display the sampling frequency.

**3 8 4 . 0** MHz / kHz / dB — PCM

**1 1 . 2** MHz / kHz / dB — DSD

**Connection example**

DIGITAL INPUTS COAXIAL — Coaxial digital cable — **Digital component**

OPTICAL — Optical fiber cable — **T V**

USB — USB cable — **P C**

Accuphase model DAC-60

**DAC-60**

#### DAC input selection method

■ **When the front panel has a DAC input selector button or switch**

Change the input using the button or switch on the front panel.

DAC | USB | OPT | COAX

■ **When the front panel does not have a DAC input selector button or switch**

If power is turned off or a cable disconnected in a model that will not play back, the DAC-60 will automatically select the input signal.

OPTION 1 | OPTION 2 | TUNER | CD | AD INPUTS LEFT | RIGHT | GND

DIGITAL INPUTS COAXIAL | OPTICAL | USB | Accuphase model DAC-60 | Accuphase model AD-50

**DAC-60** | **AD-50**

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## *DAC-60* Specifications

### ■ "2MDS+" type D/A converter

#### USB

| Format | | USB 2.0 Hi-Speed (480 Mbps) compliant |
|---|---|---|
| Sampling frequencies | DSD | 2.8 MHz, 5.6 MHz, 11.2 MHz / 1-bit (11.2 MHz is for ASIO only) |
| | PCM | 32 kHz – 384 kHz / 32-bit |
| Suitable cable | | USB 2.0 cable with Type B connector (max. 2 m) |

#### OPTICAL

| Format | | JEITA CP-1212 compliant |
|---|---|---|
| Sampling frequencies | PCM | 32 kHz – 96 kHz / 24-bit |
| Suitable cable | | JEITA standard optical fiber cable |

#### COAXIAL

| Format | | IEC 60958 AES-3 compliant |
|---|---|---|
| Sampling frequencies | PCM | 32 kHz – 192 kHz / 24-bit |
| Suitable cable | | 75-ohm coaxial digital cable |

**Supplied accessory** ● USB Utility 3 CD-ROM

✲Specifications and design are subject to change without notice for improvements.

### ■ Supported models (as of May 2021)

C-2150, C-2120(※3), C-2110(※1), C-2000(※1), C-245(※1,※2), CX-260(※1,※2),
E-800, E-650, E-600(※3), E-560(※1), E-550(※1), E-530(※1),
E-480, E-470(※3), E-460(※1), E-450(※1), E-408(※1),
E-380, E-370(※3), E-360(※1), E-350(※1), E-308(※1,※2), E-307(※1,※2),
E-280, E-270(※3), E-260(※1), E-250(※1), E-213(※1)

※1 Models: DAC input selection cannot be performed from the front panel. If power is turned off or a cable disconnected in a model that will not play back, the DAC-60 will automatically select the input signal.

※2 Models: Two DAC-** digital input boards cannot be installed.

※3 Models: Playback will use the following sampling frequencies when the signals are input, but the display will read 192.0 kHz.
【PCM】352.8kHz, 384kHz　【DSD】2.8MHz, 5.6MHz, 11.2MHz

✱ The capability for playback of music data via a USB connection depends on the operating system and music playback software of the computer.

✱ For information on computer settings and connection methods when using USB connections, please refer to the computer documentation.