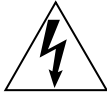


# EGOTERIC

D-07

## D/A Converter - Digital Pre-Amplifier

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**CAUTION**  
RISK OF ELECTRIC SHOCK  
DO NOT OPEN



CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.




The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

## IMPORTANT SAFETY INSTRUCTIONS

- 1) Read these instructions.
- 2) Keep these instructions.
- 3) Heed all warnings.
- 4) Follow all instructions.
- 5) Do not use this apparatus near water.
- 6) Clean only with dry cloth.
- 7) Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- 8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 9) Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- 10) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- 11) Only use attachments/accessories specified by the manufacturer.
- 12) Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over. 
- 13) Unplug this apparatus during lightning storms or when unused for long periods of time.
- 14) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

- Do not expose this apparatus to drips or splashes.
- Do not place any objects filled with liquids, such as vases, on the apparatus.
- Do not install this apparatus in a confined space such as a book case or similar unit.
- The apparatus draws nominal non-operating power from the AC outlet with its POWER or STANDBY/ON switch not in the ON position.
- The apparatus should be located close enough to the AC outlet so that you can easily reach the power cord plug at any time.
- The mains plug is used as the disconnect device, the disconnect device shall remain readily operable.
- Products with Class I construction are equipped with a power supply cord that has a 3-prong grounding plug. The cord of such a product must be plugged into an AC outlet that has a protective grounding connection.
- If the product uses batteries (including a battery pack or installed batteries), they should not be exposed to sunshine, fire or excessive heat.
- CAUTION for products that use replaceable lithium batteries: there is danger of explosion if a battery is replaced with an incorrect type of battery. Replace only with the same or equivalent type.
- Caution should be taken when using earphones or headphones with the product because excessive sound pressure (volume) from earphones or head-phones can cause hearing loss.

**WARNING: TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.**

### CAUTION

- DO NOT REMOVE THE EXTERNAL CASES OR CABINETS TO EXPOSE THE ELECTRONICS. NO USER SERVICEABLE PARTS ARE INSIDE.
- IF YOU ARE EXPERIENCING PROBLEMS WITH THIS PRODUCT, CONTACT TEAC FOR A SERVICE REFERRAL. DO NOT USE THE PRODUCT UNTIL IT HAS BEEN REPAIRED.

### For U.S.A.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the equipment and/or the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

### CAUTION

Changes or modifications to this equipments not expressly approved by ESOTERIC COMPANY for compliance will void the user's warranty.

**Information for Users on Collection and Disposal of Old Equipment and used Batteries**

These symbols on the products, packaging, and/or accompanying documents mean that used electrical and electronic products and batteries should not be mixed with general household waste. For proper treatment, recovery and recycling of old products and used batteries, please take them to applicable collection points, in accordance with your national legislation and the Directives 2002/96/EC and 2006/66/EC.

By disposing of these products and batteries correctly, you will help to save valuable resources and prevent any potential negative effects on human health and the environment which could otherwise arise from inappropriate waste handling.

For more information about collection and recycling of old products and batteries, please contact your local municipality, your waste disposal service or the point of sale where you purchased the items.

**Information on Disposal in other Countries outside the European Union**

These symbols are only valid in the European Union. If you wish to discard these items, please contact your local authorities or dealer and ask for the correct method of disposal.

**Note for the battery symbol (bottom right two symbol examples):**

This symbol might be used in combination with a chemical symbol. In this case it complies with the requirement set by the Directive for the chemical involved.



**Thank you for choosing Esoteric. Read this manual carefully to get the best performance from this unit.**

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“Super Audio CD” is a registered trademark.

“DSD” is a registered trademark.

Microsoft, Windows Media, Windows and Windows Vista are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.

## Before Use

### What's in the box

Please confirm that the following accessories are in the box when you open it.

- Power cord x 1
- Owner's manual x 1
- Warranty card x 1

### Read this before operation

- Place the unit in a stable location near the audio system that you will use.
- Be careful to avoid injury when moving the unit due to its weight. Get someone to help you if necessary.
- As the unit may become warm during operation, always leave sufficient space around the unit for ventilation. Make sure there is at least 20 cm (8") of space above and at least 5 cm (2") of space on each side of the unit. Do NOT place anything such as a CD, CD-R, LP, cassette tape etc. on top of the unit.
- The voltage supplied to the unit should match the voltage as printed on the rear panel. If you are in any doubt regarding this matter, consult an electrician.
- Choose the installation location of your unit carefully. Avoid placing it in direct sunlight or close to a source of heat. Also avoid locations subject to vibrations and excessive dust, heat, cold or moisture.
- Do not open the cabinet as this will void your factory warranty and might result in damage to the circuitry or electrical shock. If a foreign object should get into the unit, contact your dealer or Esoteric authorized service company.
- When removing the power plug from the wall outlet, always pull directly on the plug, never yank on the cord.
- Keep this manual in a safe place for future reference.

## Specifications

### Audio output (Analog Audio)

Jacks	XLR (2 channel) x 1
	RCA (2 channel) x 1
Output impedance	XLR: 100 Ω
	RCA: 100 Ω
Maximum Output level (1 kHz, full scale, 10 kΩ)	XLR: 2.2 Vrms
	RCA: 2.2 Vrms
Frequency response	5 Hz to 40 kHz
Signal-to-Noise Ratio (S/N)	130 dB
Total harmonic distortion	0.001% (1 kHz)

### Digital audio input

Balanced digital input	XLR (5.0 Vp-p/110 Ω) x 1
Coaxial terminal	RCA (0.5 Vp-p/75 Ω) x 2
Optical digital terminal	OPTICAL (-24.0 to -14.5 dBm peak) x 1
USB port	B connector, USB 1.1 Full Speed x 1

### Input sampling frequencies

XLR*, RCA, OPTICAL	32, 44.1, 48, 88.2, 96, 176.4, 192 (kHz)
USB	32, 44.1, 48, 88.2, 96 (kHz)

\* Only the XLR terminal can receive DSD signals when connecting with an Esoteric P-05 CD/SACD transport. (The Esoteric P-05 is an optional component not included with this device).

### Word Synchronization output

Jack	.BNC x 1
Output frequencies	44.1, 88.2, 176.4, 48, 96, 192 (kHz/ rectangular wave)
Output level	Equivalent to TTL levels (75 Ω)

### Word Synchronization input

Jack	.BNC x 1
Input frequencies	44.1, 88.2, 176.4, 48, 96, 192, 100 (kHz/ rectangular wave)
Input impedance	75 Ω
Input level	Equivalent to TTL levels (75 Ω)

### General

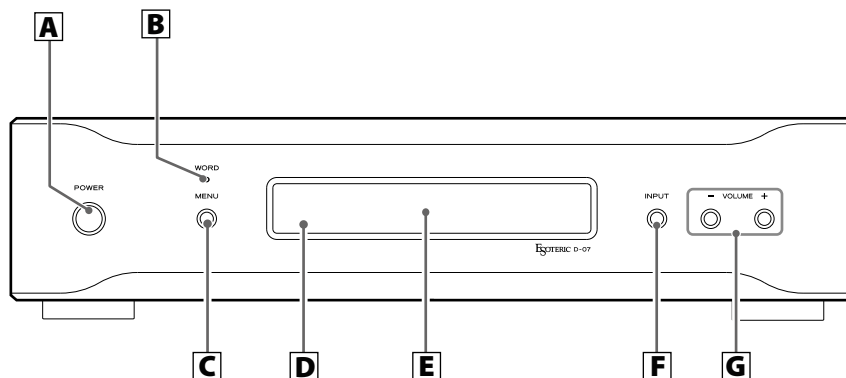
Power supply	
Europe model	AC 230 V, 50 Hz
U.S.A./Canada model	AC 120 V, 60 Hz
Korea model	AC 220 V, 60 Hz
Power consumption	7 W
External dimensions (W x H x D)(including protrusions)	442 x 103.5 x 346 mm (17 3/8" x 4 3/4" x 13 5/8")
Weight	9.5 kg (20.9 lb)
Operating temperature	+5°C to +35°C
Operating humidity	5 % to 85 % (no condensation)
Storage temperature	-20°C to +55°C

### Accessories

- Power cord x 1
- Owner's manual x 1
- Warranty card x 1

- Design and specifications are subject to change without notice.
- Weight and dimensions are approximate.
- Illustrations may differ slightly from production models.

## Identifying the Parts



### **A** POWER

Use this button to turn the unit on and off.  
The indicator ring lights when the unit is ON.

### **B** WORD

Displays the current word sync or master clock status (see page 10).

### **C** MENU

Press to engage the setup mode (see page 8).

### **D** Remote control sensor

Receives signals from the remote control unit. Point the remote control unit at this sensor when using the remote control.  
You can use the P-05 remote control.

### **E** DISPLAY

Displays the current input, sampling frequency, etc.

### **F** INPUT

Switches digital input source. Select the terminal to which a digital device is connected. The display flashes when no digital signal is being input.

- The INPUT buttons (</>) on an Esoteric P-05 remote control can also be used.

### **G** VOLUME

The volume level can be adjusted from  $-\infty$  (MUTE),  $-99.5$  to  $0$ dB. Use these buttons to adjust the volume when connected directly to a power amplifier.

When a preamplifier is connected, set the volume to  $0.0$ .  
When in the set-up mode, these buttons are used to select the menu item for setting.

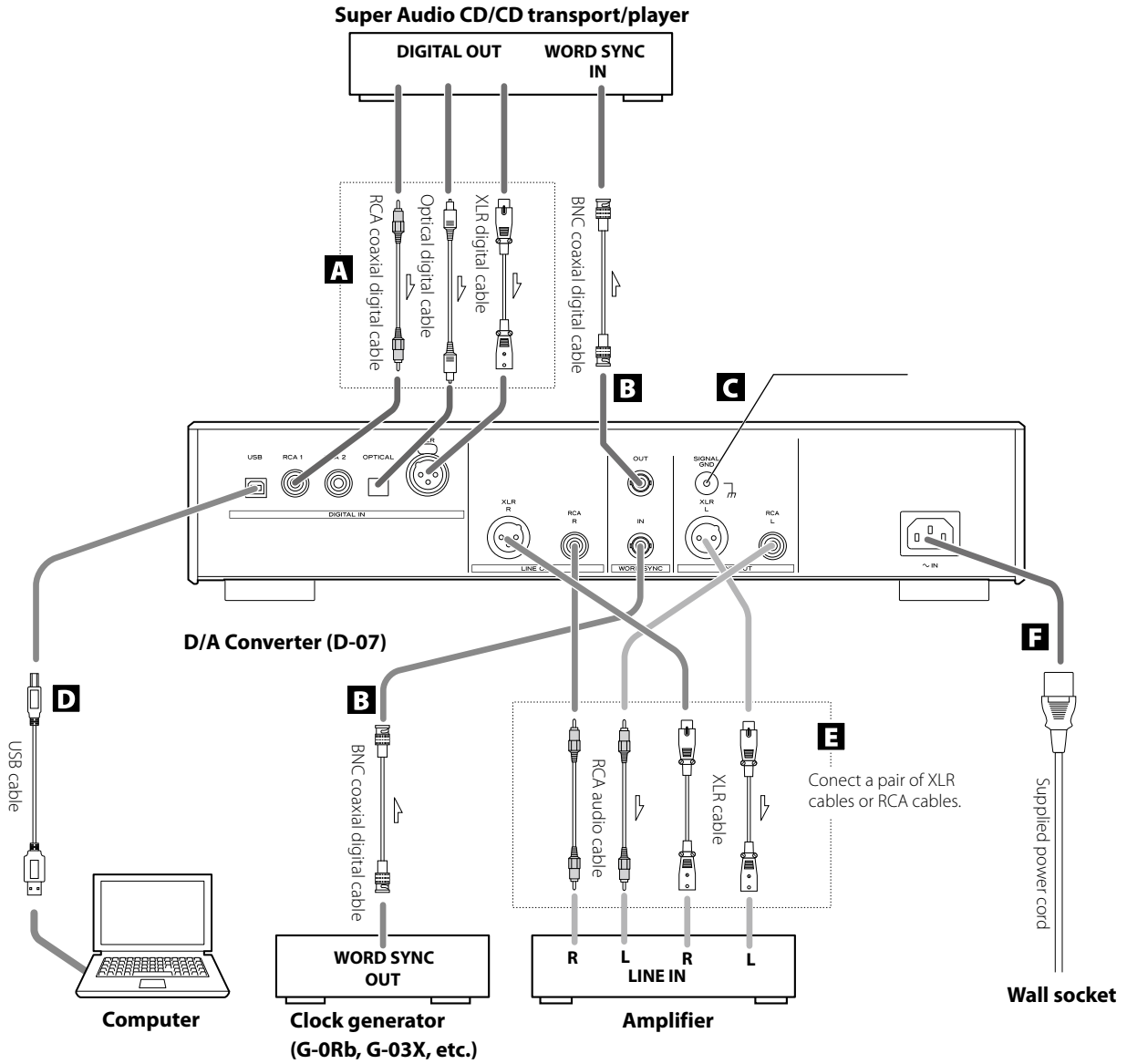
- The VOLUME buttons ( $-/+$ ) on the P-05 remote control can also be used.

When using the P-05 remote control to operate this unit, set "RC" (Remote control) to "Enable" (see page 10).

# Connection

## Connection Precautions:

- Connect the power plug to a wall socket after completing all other connections.
- Be sure to thoroughly read through the instruction manuals of the equipment you will connect and observe all instructions.



## A Digital audio input terminals (DIGITAL IN)

These terminals input digital audio. Connect these terminals to the corresponding terminals on a digital device (for example, Esoteric P-01, P-03 or P-05 etc.).

Use commercially available cables for the following connections:

XLR: Use a balanced XLR digital audio cable.

RCA: Use an RCA coaxial digital cable.

OPTICAL: Use an optical digital cable.

## B Word sync input/output terminal (WORD SYNC)

Outputs/inputs a master clock synchronizing signal.

Connect the WORD SYNC IN terminal to the word clock output terminal on a G-0Rb, G-03X or other word clock generator.

Connect the WORD SYNC OUT terminal to the WORD SYNC IN on a digital device.

Use a commercially available BNC coaxial digital cable (impedance: 75 ohm).

## C SIGNAL GND terminal

Connection of this terminal with the ground terminal of another unit may improve sound quality.

- Note that this is NOT an electrical safety ground (earth).

## D USB input terminal

Inputs digital audio from a personal computer. Connect to the USB port of a personal computer using a commercially available USB cable.

This terminal is the USB-B type.

## E Analog audio output terminals (LINE OUT)

Use either the XLR or RCA (pin) terminals for 2-channel analog stereo output.

Use commercially available XLR or RCA audio cables according to the terminal of the amplifier:

XLR: Use balanced XLR audio cables

RCA: Use RCA audio cables

XLR pin assignment:

Pin 1: Common

Pin 2: Hot (+)

Pin 3: Cold (-)

- The polarity of the XLR terminal can be set to Pin 3 HOT (page 11).

## F Power cord

**Connect the power cord to the power cord receptacle, and connect the power plug to an AC wall socket, after all other connections have been made.**

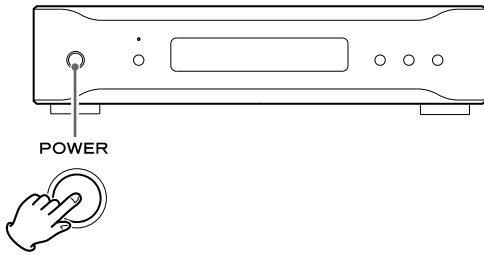
- Use only the supplied power cord. Use of other power cords may result in fire or electric shock. Unplug the power cord when you are not going to use the unit for several weeks.

Esoteric uses **Esoteric MEXCEL stress-free 7N** cable as a reference. The following items are available in the Esoteric **MEXCEL** cable series.

RCA audio cable	BNC digital cable
XLR audio cable	Speaker cable
RCA digital cable	Power cable
XLR digital cable	

## Basic Operation

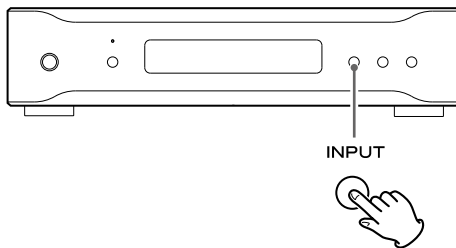
### 1 Press the POWER button to turn the unit on.



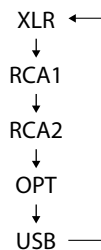
The indicator ring lights when the unit is on.

- When connecting a power amplifier to the unit, make sure to turn it on after turning on other devices.
- Also turn on all devices connected to the unit.
- When the master clock (MCK) is set to "WORD-IN", "WRD UNLOCK!" or "NO WORD" will appear on the display when the unit is turned on as a word signal cannot be detected as soon as the unit is powered up. These messages vanish when the word signal is locked.

### 2 Press the INPUT button to select an input.



Each press of the button changes input and the selected input appears on the display as follows:



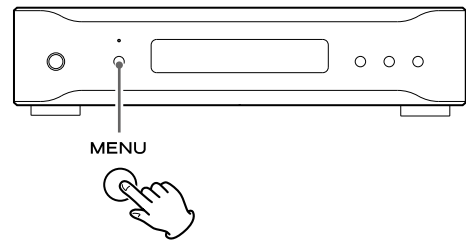
Play back the source after selecting the source.

The text on the display flashes when a digital signal is not detected. Turn on the connected device and check connections.

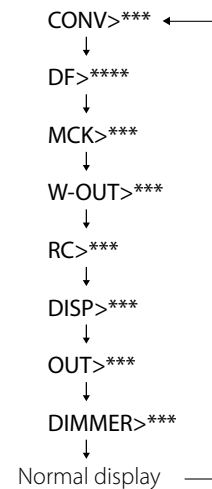
- The INPUT buttons (</>) on the remote control unit of an optional P-05 can also be used.
- The remote control unit of the P-05 can also perform VOLUME adjustment (-/+) and MUTING.
- Press the POWER button to turn off the unit after use.

## Settings (1)

### 1 Press the MENU button repeatedly to select the menu item to be changed.



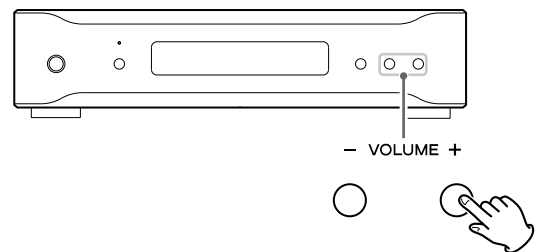
Each press changes the display as follows:



If you press the INPUT button or leave the unit idle for 10 seconds, the set-up mode will be cancelled.

- The SETUP button on the remote control unit of an optional P-05 can also be used.

### 2 Use the VOLUME buttons (-/+) to select the options within the menu item.



Individual menu functions are described on pages 9-11.

- The INPUT button (</>) on the remote control unit of an optional P-05 can also be used.

- 3 Press the MENU button repeatedly until the display returns to normal to exit the setup mode.



If you press the INPUT button or leave the unit idle for 10 seconds, the set-up mode will be cancelled.

- Settings are stored even when power is turned off and the unit is unplugged. If left unplugged for an extended period, the settings may be lost.

### Available menu items and settings

#### CONV>\*\*\* (Up convert)

You can convert the sampling frequency of PCM signal, such as a CD, to 2x or 4x. It is also possible to convert the PCM signal to a DSD signal.

A different setting can be made for each input.

#### DF>\*\*\*\* (Digital filter)

Changes the digital filter characteristics during PCM signal playback.

A different setting can be made for each input.

#### MCK>\*\*\* (Master clock)

Selects word sync or master clock modes.

A different setting can be made for each input.

#### W-OUT>\*\*\* (Word sync output frequency)

Selects the word sync output frequency.

A different setting can be made for each input.

#### RC>\*\*\* (Remote control)

If used with an optional Esoteric amplifier, you can set the D-07 not to respond to the Esoteric remote control.

#### DISP>\*\*\* (Display)

Selects whether the display normally displays the volume level selected or the sampling frequency.

#### OUT>\*\*\*\*\* (Analog output)

Sets the output terminal for analog audio output.

#### DIMMER>\*\*\* (Display dimming)

The display on the main unit can be dimmed to suit the environment in which you listen to music.

### CONV (Up convert)

You can convert the sampling frequency of PCM signals, such as a CD, to 2x or 4x. It is also possible to convert the PCM signal to a DSD signal.

The factory setting is "OFF".

A different setting can be made for each input.

#### OFF

This setting provides no up conversion.

#### 2Fs, 4Fs

This setting provides a two or four times up conversion from the input of PCM signals.

#### DSD

This setting converts CD or PCM signals to the DSD signal mode (1 bit, 64 fs). DSD is the native decoding mode for SACD.

- The up convert multiplication factor differs depending on the sampling frequency of the PCM signal input, as follows:

#### When the input frequency is 88.2kHz or 96kHz

CONV>OFF	The D-07 does not up convert.
CONV>2Fs	The D-07 does not up convert.
CONV>4Fs	The D-07 up converts to 176.4kHz or 192kHz.
CONV>DSD	The signal is converted to DSD.

#### When the input frequency is 176.4kHz or 192kHz

CONV>OFF	The D-07 does not up convert.
CONV>2Fs	The D-07 does not up convert.
CONV>4Fs	The D-07 does not up convert.
CONV>DSD	The signal is converted to DSD.

### DF (Digital filter)

Changes the digital filter. This setting is not required if a CD or digital input signal is converted to DSD or if playback is performed without converting the DSD signal of Super Audio CDs. This filter effects PCM audio playback only.

#### FIR

A 32-bit FIR digital filter (Finite impulse response), oversamples the input signal to 8 times the frequency of the original signal. This provides a fuller, richer and deeper sound.

#### S\_DLY (Apodizing filter type)

A 32-bit short delay filter oversamples the input signal to 8 times the frequency of the original signal. This provides an impulse response without pre-echo, natural attack and reverberation. This setting provides tonal quality that is closer to the original recorded material and without enhancement.

### MCK (Master clock)

This set-up mode selects the word sync or master clock mode. A different setting can be made for each input.

- Make a connection to the WORD SYNC terminal before selecting W-IN or W-OUT.

### PLL1 (Word sync off, NORMAL mode)

This setting does not use the word sync. Only the first of the two internal PLL circuits is operated. The WORD indicator goes off.

- PLL circuit: A circuit which generates the master clock necessary for D/A conversion.

### PLL2 (Word sync off, Dual PLL mode)

This setting does not use the word sync. Both internal PLL circuits are operated. The WORD indicator lights green.

The WORD indicator flashes green while the PLL circuit is locking. When the lock is finished, the indicator stops flashing.

- The second PLL circuit utilizes an internal crystal oscillator.
- If the input audio signal is 32 kHz, this unit works in the "PLL1" word sync mode even if the "PLL2" is selected.
- If an audio signal that cannot be locked by the internal crystal oscillator is input, locking is not completed and the indicator continues to flash. If this occurs, change this setting to "PLL1".

### OUT (Word sync output mode)

The unit internally generates and sends out a Word Clock signal. The WORD indicator lights blue.

- Set the word sync of any connected device to ON (or IN) when setting the "MCK" to "OUT". If the word sync setting of any connected device is set to OFF, some noise may be generated.
- You can change the frequency of the word sync signal in the "W\_OUT" setting. See the right column for details.

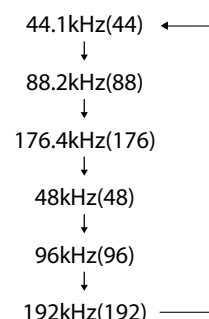
### IN (Word sync input mode)

The unit now operates according to the externally input clock. Selecting "IN" causes the WORD indicator to blink in blue while the unit searches for an external clock signal. The indicator stops blinking when the unit detects and locks on to the external clock signal. The unit is now ready for playback synced to the external clock signal.

- This unit can handle clock signals up to 192 kHz and switches automatically to accommodate signal input.
- This unit may not be able to make synchronization depending on the output accuracy of the connected device.
- The word clock input signals are needed to be synchronized with the digital audio input signals. Noise may be generated if the word clock input signals and the digital audio input signals are not synchronized.

### W-OUT (Word clock frequency)

When connecting a device which has a word sync input terminal, such as an Esoteric P-05, select the frequency of the word sync signal. The factory setting is "44.1".



Numbers shown in parentheses are the numbers on the display.

A different setting can be made for each input.

### RC (Remote control)

If you use the D-07 with an optional Esoteric amplifier, you can set the D-07 to respond to the Esoteric remote control. The factory setting is "Disable".

#### Enable

This setting enables the D-07 to be operated by the Esoteric amplifier remote control.

#### Disable

This setting disables the D-07 from being operated by the Esoteric remote control.

### DISP (Display)

You can select whether the display indicates the volume level selected or the sampling frequency.

The factory setting is "Fs" which indicates the sampling frequency.

#### VOL

Displays the value of the output level set by using the VOLUME buttons.

#### Fs

The sampling frequency is displayed. During upconversion, "U" will be displayed to the right of the sampling frequency.

## OUT ( Analog output terminal)

Sets the output terminal for analog audio output.

### RCA

Analog audio outputs from the RCA terminals only.

### XLR2

Analog audio outputs from the XLR terminal only and is Pin 2 HOT.

### XLR3

Analog audio outputs from the XLR terminal only and is Pin 3 HOT.

### BOTH

There is output from both RCA and XLR terminals. XLR output is Pin 2 HOT.

## DIMMER (Display dimming)

The display on the unit can be dimmed to suit the environment in which you listen to music.

### 3

Full brightness

### 2

Medium brightness

### 1

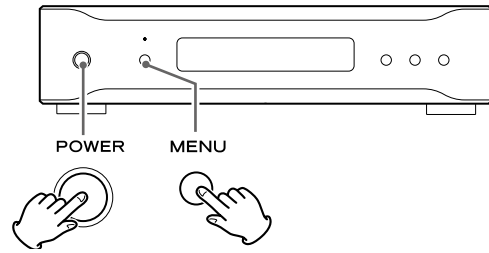
Minimum brightness

### OFF

The display and indicators are off.

- When "OFF" is selected, pressing a button such as VOLUME turns the display back on temporarily.
- The DIMMER button on an optional P-05 remote control can also be used.

## Restoring Factory Default Settings



Memorized settings are stored even after the power cord has been disconnected.

If you have made changes through the setup menu process, and want to restart from a known set of options, restore the unit to the default factory settings as follows:

### 1 Turn the unit off.

Wait for more than 30 seconds.

### 2 Press the POWER button while holding down the MENU button.

Release the MENU button when the unit turns on and the display lights. All memories are now erased and the unit returns to the factory settings.

## Connecting to a Personal Computer and Playing Back a Music File

By connecting the USB input terminal of this unit to a personal computer using a USB cable, recorded music files can be played using this unit.

The USB-connected personal computer must be running with Microsoft Windows XP or Windows Vista. Other operating systems are not guaranteed. Use the OS based media player for playback (Windows Media Player, etc).

- Depending on the hardware and software configuration of the personal computer, operation may not be possible, even with the above-mentioned operating systems.

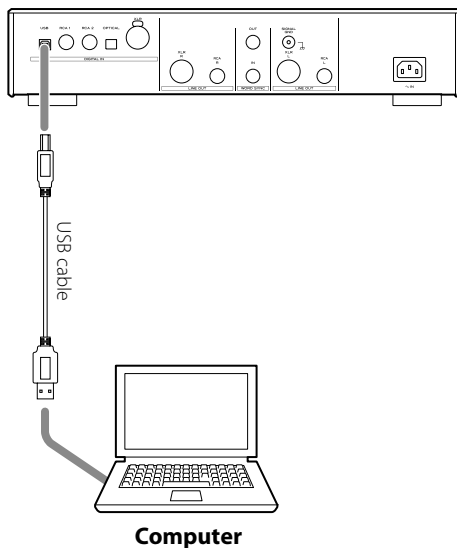
### 1 Turn on the personal computer.

Confirm that the operating system starts normally.

### 2 Connect the unit to a personal computer using a USB cable.

The cable must match the connection terminal of this unit.  
The USB terminal of this unit is the USB-B type.

- The first time the personal computer and this unit are connected, the personal computer automatically detects the USB connection with this unit and installs the drivers. Follow the instructions of the operating system to complete installation of the drivers.
- The personal computer will detect this unit as a external USB device even when the unit is turned off.



### 3 Start playback of a music file on a personal computer.

For the best sound quality, set the volume to maximum on the personal computer and then adjust the volume on the amplifier connected to this unit. Set the amplifier volume to the minimum, start playback and then gradually increase the volume.

- It is not possible to control this unit from the personal computer or control the personal computer from this unit.
- It is not possible to send music files from this unit to a personal computer via USB.
- CAUTION: When music files are being played through a USB connection, do not remove the USB cable. It will cause problems with the operations of the personal computer. Exit the music playback software on your PC before removing the USB cable.
- When playing a music file via a USB connection, the sounds of personal computer operations are also played. To prevent these sounds from being played, change the sound settings on the personal computer.
- Depending on the operation environment of the personal computer, it may not be possible to maintain the USB data transfer speed. This may interrupt playback or cause noise. Furthermore, starting other applications during music file playback may interrupt playback or cause noise.
- If the music playback software is started before this unit and the personal computer are connected, or the input of this unit is set to "USB in" before connection, music files may not be played back correctly. If this occurs, restart the music playback software or the personal computer.
- While the personal computer is connected to this unit, even when the unit is turned off, the personal computer will detect this unit as a external USB device and try to produce sound from this unit. When you want to produce sound from the speaker or headphones connected to the personal computer, disconnect the USB cable or change the sound device setting of the personal computer (see page 13).

If the sound does not playback normally when you are using a supported operating system, and the connections are correct as described above, check the following points.

### For Windows XP

- Click "Control Panel" and then "Sound and Audio Devices Properties". Click the "Audio" tab. Check that "Default device" under "Sound playback" is "ESOTERIC D-07".



- When you want to produce the sound from the speaker or headphones connected to the personal computer, set "Default device" to the setting of the speaker or headphones.

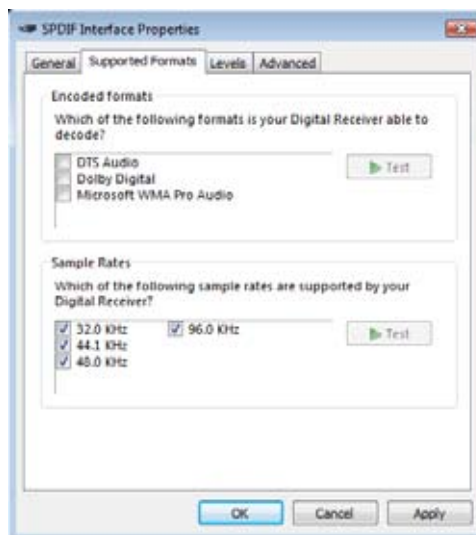
### For Windows Vista

Click "Control Panel" and then "Sound". Click the "Playback" tab and check that "SPDIF Interface ESOTERIC D-07" is selected.

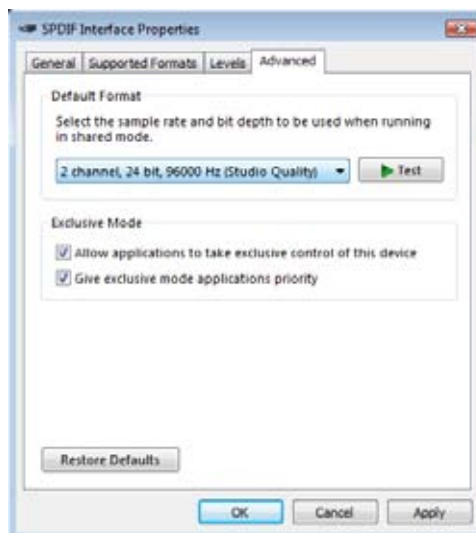


Following settings are also recommended:

- Clicking "Properties" at this window displays the following window. Click "Supported Formats", then uncheck the check box of "Encoded Formats". Check the check box of the sample rate you want to set.



- Click "Advanced". Select "2 channel, 24 bit, \*\*\*\*\*Hz".



- Regardless of the format of your selected music file, PCM signals are sent at the selected sampling rate when using the USB connection.

## Messages

### **"- -" appears on the right side of the display.**

An incompatible signal is input.  
Do not input signals other than PCM.  
Check digital device connections.

### **XLR, RCA, RCA2 or OPT flashes.**

The unit cannot detect a digital signal. Press the INPUT button to select a terminal to which a digital device is connected.  
Turn on the connected device. Confirm the settings of the connected device.

### **NO WORD!**

No word clock signal is being input. (See page 10 for details.)

### **WRD ERROR!**

The frequency of the input source does not match word frequency. Select 44.1, 88.2 or 176.4 kHz during Super Audio CD playback. Set the "MCK" (Master clock) setting to "PLL1" or "PLL2" when you do not use the word sync mode.  
An incompatible signal is input. Check the word sync connections and the setup of the connected devices.

### **WRD LCKING**

Indicates that the input word clock signal is being locked.

### **WRD UNLCK!**

Indicates that the device cannot lock to the input WORD clock signal. Confirm the frequency setting of the connected clock generator.

## Troubleshooting

If you experience any problem with this unit, please take the time to look through this chart and see if you can solve the problem yourself before calling your dealer.

### **No power.**

- ➔ Make sure to plug the power cord into the AC outlet. Make sure there is power to the AC outlet by plugging another item such as a lamp or fan to test the outlet circuit.
- ➔ Press the POWER button to turn on the unit.

### **No sound**

- ➔ Check amplifier and digital device connections.
- ➔ Check the analog audio output setting (page 11).

### **Input indicator flashes.**

- ➔ Turn on the device connected to the selected input terminal.
- ➔ Check whether the connection to the selected input terminal is correct.

### **A beeping noise occurs at regular intervals.**

- ➔ The D-07 is in Word sync mode, but the connected device is not. Check the connection to the Word sync terminal and the setup of the connected device.  
This phenomenon occurs when the error detected is below the limit of detection for the D-07 word error that would normally produce a WRD ERROR.

### **The WORD indicator flashes.**

- ➔ Set the "MCK" (Master clock) setting to "PLL1" or "PLL2" when you do not use the word sync mode.
- ➔ An incompatible signal is input. Check the word sync connections and the setup of the connected devices.

**If normal operation cannot be obtained, unplug the power cord from the outlet and plug it again. This resets the internal micro-computer which can be disturbed during electrical storms, power interruptions, et cetera.**

### **Beware of condensation**

When the unit is moved from a cold to a warm place, or used after a sudden temperature change, there is a danger of condensation; vapor in the air could condense on the internal mechanism, making correct operation impossible. To prevent this, or if this occurs, leave the unit turned on for one or two hours. Then the unit will stabilize at the temperature of its surroundings.

### **Maintenance**

If the surface of the unit gets dirty, wipe with a soft cloth or use diluted neutral cleaning liquid. Be sure to remove any fluid completely. Do not use thinner, benzine (naphtha) or alcohol as they may damage the surface of the unit. For the sake of safety, disconnect the power plug before cleaning.

**China RoHS** (电子信息产品污染控制管理办法)

- The information in the following table is only applicable to products for sale in the People's Republic of China.
- The products sold in the European area are manufactured in accordance with the European RoHS Directive.
- Les informations contenues dans le tableau suivant sont applicables uniquement aux produits en vente en République populaire de Chine.
- Les produits vendus en Europe sont fabriqués conformément avec la directive européenne RoHS.
- La información de la tabla siguiente sólo es aplicable a productos de venta en la República Popular China.
- Los productos vendidos en la zona europea están fabricados de acuerdo a la Directiva Europea RoHS.

产品有毒有害物质或元素的名称及含量

机种: D-05		有毒有害物质或元素					
		铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr (VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
品名							
1	CHASSIS部份	×	○	○	○	○	○
2	PANEL部份	○	○	○	○	○	○
3	FOOT部份	○	○	○	○	○	○
4	螺丝部份	○	○	○	○	○	○
5	PCB Assy部份	×	○	○	○	○	○
6	线材部份	○	○	○	○	○	○
7	SEAL部份	○	○	○	○	○	○
8	AC CORD部份	×	○	○	○	○	○
9	附属品部份	○	○	○	○	○	○
10	包装部份	○	○	○	○	○	○

○: 表示该有毒有害物质在该部件所有均质材料中的含有量均在 SJ/T11363-2006 标准规定的限量要求以下。  
 ×: 表示该有毒有害物质至少在该部件的某一均质材料中的含量超出 SJ/T11363-2006 标准规定的限量要求。  
 (针对现在代替技术困难的电子部品及合金中的铅)

# ESOTERIC

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This appliance has a serial number located on the rear panel. Please record the model number and serial number and retain them for your records.

Model number \_\_\_\_\_ Serial number \_\_\_\_\_