



Desono GXD8 DSD Input Card Installation Guide

Unpacking

After unpacking the DSD Input Card, save all the packing materials in case you ever need to ship the unit. Thoroughly inspect the card for signs of damage. Report any shipment damage to the carrier at once.

Description

The GXD8-DSD card provides eight channels of raw DSD digital audio input on eight BNC 75Ω connectors.

It also down-samples each channel to 44.1kHz, 16-bit PCM to drive the PPMs on the GXD8; this PCM data is available at the digital outputs of any other card (e.g., AES expansion card, ADAT card) fitted into the other slot on the GXD8. A CD quality version of the DSD input can therefore be easily generated.

Installing the GXD8-DSD Card

1. To install the DSD card make sure the power is off. You may keep the GXD8 plugged in to a switch off power outlet to maintain a ground connection. Keep the GXD8-DSD card in its packaging until you are ready to fit it.
2. Using a Phillips screwdriver, remove the plate covering the vacant expansion slot at the back of the GXD8. Make sure you do not lose the screws.
3. Firstly touch the GXD8 to remove any static charge you may have built up, then remove the GXD8-DSD card from its packaging and slide gently into an empty slot in the back of the GXD8. Push it home firmly until the back plate is right against the back panel of the converter. Note that it does not matter which slot is used. You should note which slot you do use to relate to the front panel SLOT1 and SLOT2 indicators.
4. Finally fix the card in place with the screws you removed in step 2 above.

Your card is now ready to use.

Using the GXD8 in DSD Mode

1. The DSD source and the GXD8 must be sample locked to each other. This must be done via 75Ω terminated 44.1kHz word clock. If playing back a previous recording, the GXD8 should be clock master to maximise playback audio quality. If monitoring a current recording session, the A/D converter (e.g., GXA8) should be clock master to maximise recording audio quality.
2. Using INPUT SOURCE, select the slot in which the card is installed; the GXD8 will automatically switch to DSD mode.

Technical Support

Technical Support is available on-line through the Desono web site at:-

- <http://www.desono.net> or by emailing: support@desono.net