DI-TRI

Digital I/F Option

User's Guide

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Thank you for purchasing the **DI–TRI** Digital Interface Option. To make the best use of the **DI–TRI**, please read this manual thoroughly so you will understand its correct operation.

The **DI–TRI** is an **ADAT-compatible optical output** that outputs digital audio signals, and allows for digital sync operation of a connected digital device.

DIGITAL OUT connector

Connecting the **DIGITAL OUT connector** of the TRINITY with the **DIGITAL IN connector** of a mixer, amplifier, or recorder that is compatible with the ADAT Optical interface will allow audio signals output from the **DI–TRI** to be handled entirely in the digital domain.

The audio signals at OUTPUT connectors 1/L/MONO, 2/R, 3, and 4 (analog outputs) are also output from the DIGITAL OUT connector, and Channels 1, 2, 3, and 4 in ADAT Optical format will be used. At this time, the analog connectors will also output signals.

The ADAT Optical format can handle 8-channel audio signals, out of which the **DI–TRI** will use four-channels of data.

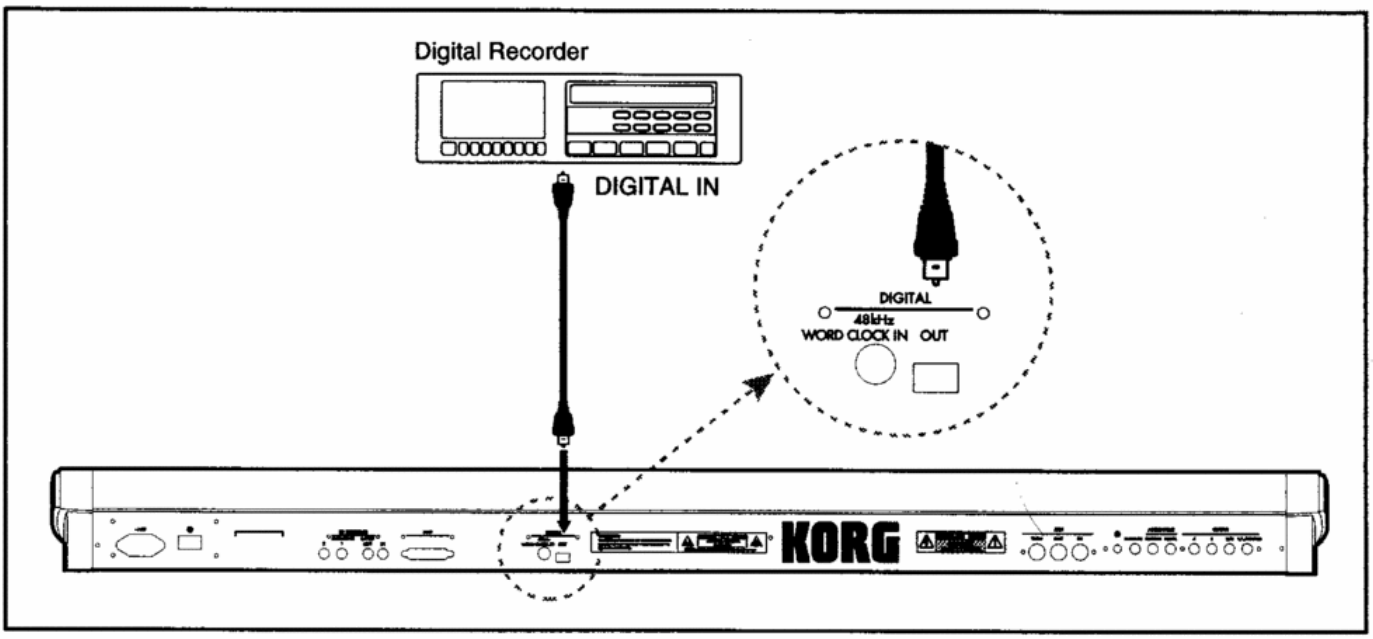
WORD CLOCK IN connector

The TRINITY can synchronize to the connected device if you connect its **WORD CLOCK IN connector** to the **WORD CLOCK OUT connector** of a mixer or a remote controller that is compatible with the ADAT Optical format.

Connection

Digital recording of the TRINITY sound:

Use an optional Alesis optical cable or CD or DAT optical cable for connection.



Syncing the TRINITY with a digital recorder while using a digital mixer as a master device to record mixed data digitally:

1. Configure the system using a mixer or remote controller that is compatible with the ADAT Optical format. Use an optional Alesis optical cable or CD or DAT optical cable for connection.

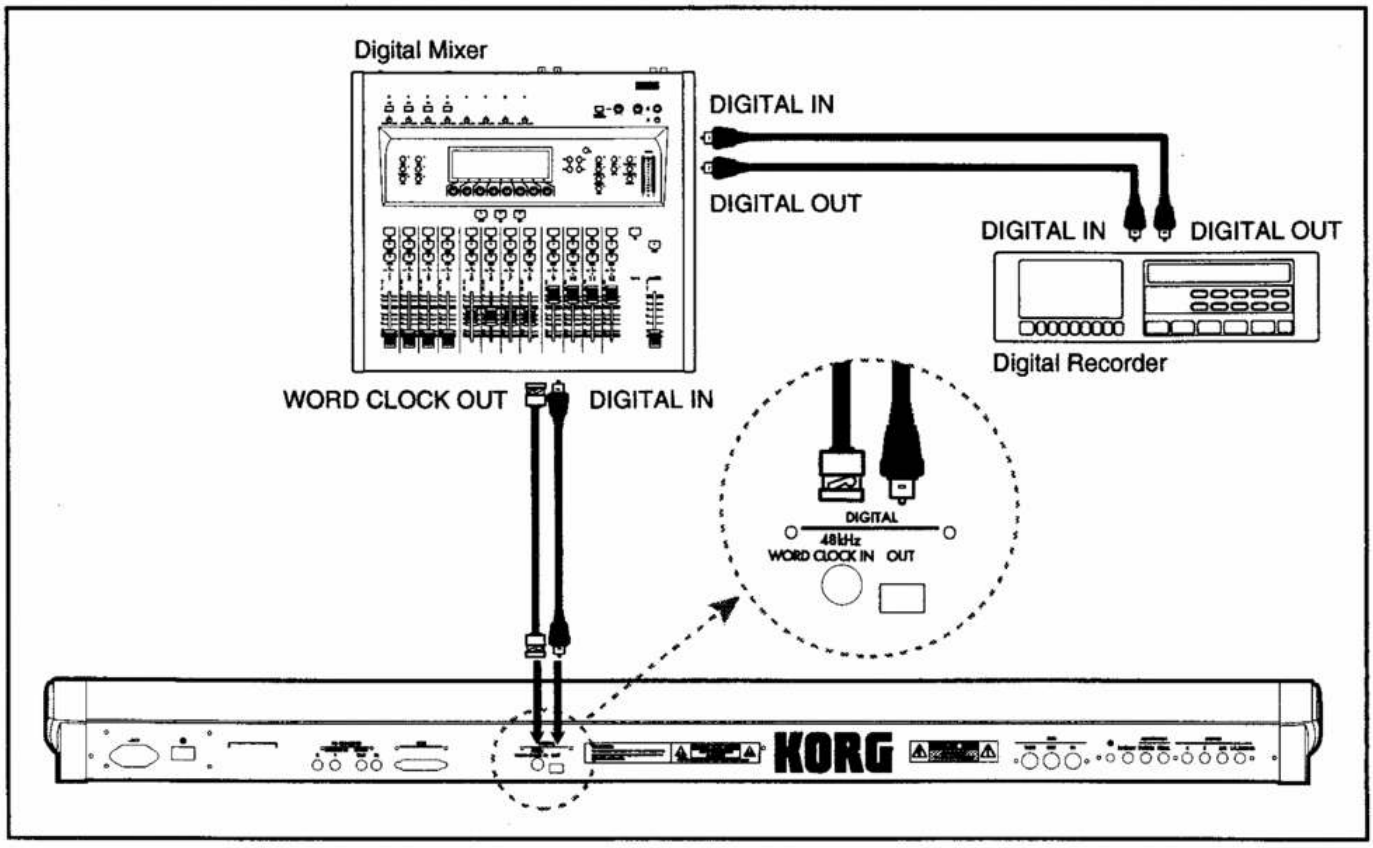
2. Connect the TRINITY's **WORD CLOCK IN connector** to the **WORD CLOCK OUT connector** of a mixer or a remote controller (to be used as the digital sync master) that is compatible with the ADAT Optical format of the Alesis BRC Remote Controller.

   Use an optional Alesis BNC coaxial cable or a video BNC cable for connection.

3. Set the "System Clock" parameter of P1 Global Setup in Global mode to "**Digital I/F.**"

   Digital audio signal is output from the DIGITAL OUT connector, syncing to the clock signal input from the WORD CLOCK IN connector. Digital audio signals of the connected devices will synchronize with each other.

   The default setting of the "System Clock" parameter is "Internal."



If a correct clock is not detected, for example due to a disconnected BNC cable, an asterisk (*) will appear to the left of the page menu button (as shown in the figure on the right), and the behavior of the sync will be erratic. If this is the case, make sure the BNC cable is properly connected. Once the cable is re-connected, operation will return to normal.

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