KENTON

D-SYNC

Bi-directional MIDI to DIN Sync Converter

5V DC IN
ONLY

CE

KENTON
www.kenton.co.uk

D-SYNC

BI-DIRECTIONAL MIDI TO DIN SYNC CONVERTER

MADE IN THE UK

| MIDI IN | MIDI OUT | SYNC IN | SYNC OUT |

Operating manual

FCC Statement for D-SYNC

NOTE: 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 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.

Information on Disposal for Users of WEEE
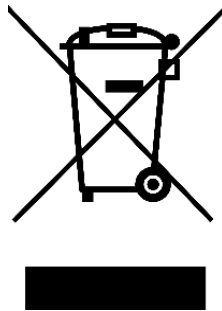
This symbol on the product and / or accompanying documents means that used electrical and electronic equipment (WEEE) should not be mixed with general household waste. For proper treatment, recovery and recycling, please take this product(s) to designated collection points where it will be accepted free of charge.
Alternatively, in some countries, you may be able to return your products to your local retailer upon purchase of an equivalent new product.

Disposing of this product correctly will help save valuable resources and prevent any potential negative effects on human health and the environment, which could otherwise arise from inappropriate waste handling.

Please contact your local authority for further details of your nearest designated collection point.

Penalties may be applicable for incorrect disposal of this waste, in accordance with your national legislation.

For disposal in countries outside of the European Union
This symbol is only valid in the European Union (EU). If you wish to discard this product, please contact your local authorities or dealer and ask for the correct method of disposal.

Description

The D_SYNC has a MIDI Input and a MIDI Output for connecting to your MIDI devices. The D_SYNC has an opto-coupled MIDI Input for optimum performance.

The D-Sync also has both a DIN Sync Input and a DIN Sync Output for connecting to your sequencer and/or drum machine etc.

The D_SYNC is powered by a multi-region mains adaptor (supplied), so it doesn't need periodic battery changes to keep it working, enabling you to "fit and forget".
If required, you can also power D-Sync from a USB port of your computer or USB Hub.

Connecting

Plug the large plug end of the supplied USB lead into the supplied 5V power adaptor and the other end into the D-Sync. Ensure the power adaptor is plugged in to the mains and that the ACTIVE LED on the D_SYNC is on (steady green).

To convert MIDI to DIN Sync:
Connect the MIDI output of your keyboard(s) and/or computer to the MIDI Input of the D_SYNC and connect the SYNC Out port of the D_SYNC to the DIN-SYNC input of the device you want to control.

To convert DIN Sync to MIDI to MIDI:
Connect the DIN SYNC output of your keyboard and/or computer to the SYNC Input of the D_SYNC and connect the MIDI Out port of the D_SYNC to the MIDI input of the device you want to control.

You can convert in both directions at the same time if you need to do this.

The USB connector is used for power ONLY. D-Sync is not a USB MIDI device.

Status LED:

The LED will show steady green when power is applied and flicker to indicate when MIDI messages are being received.

Firmware version Request:

A firmware version request must be issued within 10 seconds of power being applied to the unit, otherwise it will be ignored.

The firmware version request message is - F0 00 20 13 16 60 F7 (hex)

The unit replies with the version number as F0 00 20 13 16 6F xx xx xx xx F7 (hex).
Where xx is a number in ASCII and the leftmost digit is the most significant.
For example - F0 00 20 13 16 6F 31 32 33 34 F7 (hex) = version number 1234

Specification

Power Input: USB Mini-B socket (used for power only)

Power :   5V DC regulated @ 50mA

MIDI ports: 1 x In, 1 x Out (5 pin DIN sockets)

SYNC ports: 1 x In, 1 x Out (5 pin DIN sockets)

Weight: 150g (excluding power supply)

Dimensions: 110 x 55 x 35 mm

Power supply: Multi-region switch mode power supply supplied with unit.

Warranty

The D_SYNC comes with a 12 month (from purchase date) back to base warranty, (i.e. customer must arrange and pay for carriage to and from Kenton Electronics Ltd).

KENTON

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