

KENTON

D-SYNC

Bi-directional MIDI to DIN Sync Converter

5V DC IN
ONLY

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D-SYNC

BI-DIRECTIONAL MIDI TO DIN SYNC CONVERTER

MADE IN THE UK

MIDI IN

MIDI OUT

SYNC IN

SYNC OUT

Operating manual

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).

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