

KISS BOX

The network answer



The network solution

Why should one bother to connect different appliances each on its own infrastructure, when there is an easy solution?

Connect it all to one structure: *the network*

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The Kiss-Box makes this possible by providing an interface to the network for most control protocols.

Advantages:

- Most of the time no need for extra infrastructure (ethernet is omnipresent)
- No distance limits
- Easy installation/configuration
- Easy maintenance
- Because of the above: Cost effective

And there is more:

- Can be used on most computer operating systems.
- Can work with any TCP or UDP based control software
- No need for a separate power cable because it uses Power Over Ethernet.
- Free setup software for monitoring and examining.



MIDI



DMX



TIMECODE



SERIAL



POE



I/O - 3 or 8 slots

The Kiss-Box is built around a powerful RISC processor, with a network ASIC coprocessor.

Thanks to this specific network coprocessor, the Kiss-Box handles most network tasks without demanding much processing from the main processor. This permits the Kiss-Box to have an incredible performance. For example, the RTP MIDI firmware has a latency of less than 900 microseconds (worst case). This means that a MIDI message coming from the network is processed and sent out the MIDI connector in less than 900 microseconds. (a PC or Mac typically needs between 2 to 4 milliseconds for the same process).

All available Kiss-Boxes utilize the same CPU board. The difference between the various models is the type of application

extension board.

The main processor on the CPU board runs a different firmware for each of these extension boards. The firmware can be user-updated simply and quickly via the network, thanks to a specific program – the Firmware Uploader - that resides in the Kiss-Box's main memory, whichever firmware is used.

Another feature of the Kiss-Box range is the IEEE802.3af - POE (Power Over Ethernet) standard compliance. This means the Kiss-Boxes are powered via the Ethernet connection. Kiss-Boxes are installed and configured using the Editor software. This tool can also be used to monitor the status of a Kiss-Box, even if the box is being controlled by other software running on either the same or a different machine.

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