**Mestra**

Slaves

Michel Keijzers, © 2017

# History

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|  |  |
| --- | --- |
| **Date/period** | **Actions** |
| Nov 8, 2017 | Initial version |

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# Introduction

The Mestra system contains of a Controller (which can have some slaves built in) and separate slaves.

This document describes the slaves (even when combined in the Controller).

# Devices

In the table below, all devices (split in hardware/software) of the Mestra system are shown.

Table : Devices

|  |  |  |
| --- | --- | --- |
| **Abbr** | **Name** | **Description** |
| Con | Controller | Controller which controls all other Mestra devices.  Note, this is not a slave, but mentioned for completeness. |
| Aud | Audio | Slave Mestra device for Audio input/output redirection. |
| Dmx | DMX | Slave Mestra device for DMX input/output. |
| Dpd | Drum Pad | Slave Mestra device for drum pads (in one box) |
| Dtr | Drums Trigger | Slave Mestra device for (acoustic) drums (or similar) triggering. |
| Gui | GUI | Mestra device for the GUI interface. |
| Mic | Microphones | Slave Mestra device for microphones input. |
| Mid | MIDI | Slave Mestra device for MIDI input/output. |
| Pds | Pedals/switches | Slave Mestra device for pedals and switches input. |
| Prx | Proximity | Slave Mestra device for proximity movements. |
| Rem | Remote | Remote control (device) for sending messages to the Controller. |
| Umd | USB MIDI | Slave Mestra device for USB MIDI input/output. |
| Dbg | Debug | Debug Mestra device for debugging purposes. |

# Descriptions

This paragraph shows per device a larger description for each slave.

Table : Device Descriptions

|  |  |
| --- | --- |
| **Device** | **Description** |
| Controller | This is a mandatory device; it receives from all other devices (slaves) messages, process them (depending on the configuration) and sends them to slaves. |
| Audio | This slave device is used for redirecting input audio to output audio, possibly mixing multiple input/output streams together. Input/output connectors: jack plugs / XLR. |
| DMX | This slave device is used for receiving and sending DMX signals, used for light systems. |
| Drum Pads | This slave device is a box containing a set of drum pads in one box. |
| Drums Trigger | This slave device is used for drum (or similar) triggers to send signals (e.g. to control MIDI drum sounds). |
| GUI | This is a special device that contains an LCD display, buttons and a cursor and/or a IR remote to manually program |
| Mic | Slave Mestra device for receiving inputs from (frequency band) microphones inputs. |
| MIDI | Slave Mestra device for MIDI input/output. |
| Pedals/switches | Slave Mestra device for pedals and switches input. |
| Proximity | Slave Mestra device for receiving inputs from proximity sensors. |
| Remote | Remote control (device) for sending messages to the Controller. |
| USB MIDI | Slave Mestra device for USB MIDI input/output. |
| Debug | Debug Mestra device for debugging purposes. |