**Mestra**

Abbreviations, Glossary and Links

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# History

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

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# Abbreviations

Table 2: Abbreviations

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| --- | --- |
| **Abbreviation** | **Description** |
| CC | Continuous Controller |
| DMX | Digital MultipleXed) |
| Mestra | Message Transformmer |
| MIDI | Musical Instrument Digital Interface |
| UI | User Interface |

# Glossary

Table 3: Glossary

|  |  |
| --- | --- |
| **Term** | **Description** |
| Aftertouch | A type of CC when further pressing a physical note on a (MIDI) keyboard after it has been pressed already. |
| CC | A controller used on keyboards/workstations. |
| Command | A specific instruction to change a property or send a MIDI message. |
| Controller | This device controls all slaves. |
| Device | A (hardware) box that belongs to the Mestra system |
| DMX | Protocol/connection for light systems. |
| Input Device | These devices are slaves and get input by devices outside the Mestra system, like MIDI signals by pedals/switches etc. |
| Input/Output Device | These devices are slaves that both can receive or send messages outside the Mestra system. |
| Instruction | A single instruction that is used to describe what happens if a trigger is fired. |
| Joystick | Device on a MIDI device that can change the property of a sound (like modulation or pitch). |
| Message | A message that is transported from the Controller to the Slave or vice versa. |
| MIDI | Music instrument protocol. |
| MIDI Channel | One of the 16 MIDI connections supported by MIDI to connect music instruments. |
| MIDI Message | A message using the MIDI protocol. |
| Note On | A MIDI message that switches a key on. |
| Note Off | A MIDI message that switches a key off. |
| Output Device | These devices are slaves that outputs messages outside the Mestra system, like MIDI or DMX data. |
| Pitch | The frequency of a note. |
| Program | Program containing instruction which are executed by a trigger. |
| Property | A property of a MIDI in message that used to change and later send by a MIDI message. |
| Release Velocity | Property of the NoteOff MIDI message for the speed a key has been released. |
| Remote Device | Device to remotely send messages (to the Controller). |
| RF | Radio Frequency (module) |
| Rule | A rule is the execution of one or more commands when a trigger is activated. |
| Slave | A device that is controlled by the Controller. These devices are generally input and/or output devices. |
| Trigger | A received MIDI message that will cause a rule to be executed. |
| UI (device) | Device for showing output and entering input. |
| Velocity | Property of the NoteOn MIDI message for the speed a key has been pressed. |

# Useful Links

Table 4: Useful Links

|  |  |  |
| --- | --- | --- |
| **Category** | **Description** | **Link** |
|  |  |  |