**Mestra**

**Combined Controller**

Triggers

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# History

Table 1: History

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

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# Introduction

This document describes the trigger for the combined Controller and MIDI/DMX slave.

# List

**NoteOn**

trigger <Name> NoteOn <McSpec> <NoteSpec> <ProgramName> <status>

@ means: case insensitive

<Name> = <identifier>

<McSpec> = ( [@“Mc=” | “” ] <Mc>)

<Mc> = ( “1” | “2” .. | “15” | “16” )

<NoteSpec> = ( [@“Notes=” | “”] (@“ALL” | <NoteRange>)) |

( [@“Note=” | “”] <Note>)

<NoteRange> = ( [<Note>] “~” [<Note>] )| where Note1 <= Note2, Note >= “C1”

(first 12 notes are reserved), Note <” G-10”,

“~” means ALL

<Note> = (“C” | “D” | “E” | “F” | “G” | “A” | “B” ) (“#” | “b” | “”) (“-1” | “0” .. “7” | “8”], check value 1<=note <=127

<ProgramName> = <identifier>

<identifier> = <alpha\_char> + <id\_char>\*

<alpha\_char> = (“A”| “B” | ..| “Y” | “Z” | “a” | “b” | .. | “y” | “z” )

<digit> = (“0” | “1” | .. | “8” | “9”

<id\_char> = <alpha\_char> |<digit> | “\_” )

<status> = (@“enabled” | @“disabled”)

trigger NoteOn MC=1~4 Note=C1~G#5 Transpose5 disabled;

**NoteOff**

will be similar

**Cc Trigger**

trigger <name> Cc <McSpec> <CcSpec> <ProgramName> <status>

<BnkPrgCheck> = ( @”BnkPrg” | “” ) ( <Mc> “.” <Bank> “.” <Prg> )

<Bank> = <digit> 0..127

<Prg> = <digit>0..127