

Example

# MIDI Note On/Off

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<b>description:</b>	Here are macros to send Note On and Off commands from the MIDI out port on the console.
<b>remarks:</b>	Code below is shortened for better overview. For the long version - MIDI Notes 1~20 - refer to <a href="#">the original post</a> . However, as of October 2017 there is an error in that posted file: since all macros have the same ID, only one macro is displayed in Titan.

send, midi, note

## functions

- Panel.Midi.NoteOn
- Panel.Midi.NoteOff

## Code

There is another file available which sends note on when the macro is pressed and note off when the macro is release, for notes 1~12, here:

midinotes.xml

sendmidi.xml

```
<?xml version="1.0" encoding="utf-8"?>
<avolites.macros xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:noNamespaceSchemaLocation="Avolites.Menus.xsd">

<!-- MIDI Note On -->
<macro name="MIDI Note 1 On" id="Avolites.Macros.MidiNote1On">
  <sequence>
    <step>Panel.Midi.NoteOn(0,1,127)</step>
  </sequence>
</macro>

<macro name="MIDI Note 2 On" id="Avolites.Macros.MidiNote2On">
  <sequence>
    <step>Panel.Midi.NoteOn(0,2,127)</step>
  </sequence>
</macro>

<!-- MIDI Note Off -->
```

```
<macro name="MIDI Note 1 Off" id="Avolites.Macros.MidiNote1Off">
  <sequence>
    <step>Panel.Midi.NoteOff(0,1,127)</step>
  </sequence>
</macro>

<macro name="MIDI Note 2 Off" id="Avolites.Macros.MidiNote2Off">
  <sequence>
    <step>Panel.Midi.NoteOff(0,2,127)</step>
  </sequence>
</macro>
</avolites.macros>
```

## Explanation

This explains the functional steps within the sequence. For all the other XML details please refer to [Formats and syntax](#)

As macros currently don't support parameters, you need to use individual macros (which call the appropriate function with the respective parameters) per note you want to send:

- Panel.Midi.NoteOn(0,1,127) sends a NoteOn, channel 0, note 1, velocity 127
- Panel.Midi.NoteOn(0,2,127) sends a NoteOn, channel 0, note 2, velocity 127
- Panel.Midi.NoteOff(0,1,127) sends a NoteOff, channel 0, note 1, velocity 127
- Panel.Midi.NoteOff(0,2,127) sends a NoteOff, channel 0, note 2, velocity 127

## How to use it

- [make this macro available](#)
- fire the macros as you require. This might be useful for external applications which cannot be controlled by DMX/Art-Net/sACN.

From:

<https://avosupport.de/wiki/> - AVOSUPPORT



Permanent link:

<https://avosupport.de/wiki/macros/example/midinotes?rev=1588351954>

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