

# MIDIDEVICE

This class defines constants that are related with MIDI and functions that can get MIDI device data, send a message from DTV to MIDI device for implementing MIDI controller, etc.

Add the following line for MIDIDevice class into a html file your own :

```
<script type="text/javascript" src="$MANAGER_WIDGET/Common/webapi/1.0/webapis.js"></script>
```

You can declare MIDIDevice class like this :

```
ex) var mididevice = webapis.mididevice;
```

## Contents

### Constants

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Name	Value	Description
MIDI_STREAM_STATUS_FAIL	0	Call failed.
MIDI_STREAM_STATUS_SUCCESS	1	Call succeeded.
MIDI_STREAM_STATUS_BUSY	2	Stream presently active or busy.
MIDI_CC_ALL_NOTE_OFF	123	turns off all currently active notes
MIDI_CC_BALANCE_LSB	40	balance value LSB. Value ranges between 0 to 127
MIDI_CC_BALANCE_MSB	8	balance value MSB. Value ranges between 0 to 127
MIDI_CC_BANK_SELECT_LSB	32	bank select LSB. Value ranges between 0 to 127
MIDI_CC_BANK_SELECT_MSB	0	bank select MSB. Selects bank between 0 to 127
MIDI_CC_BREATH_CONTROLLER_LSB	34	breath controller LSB value. Value ranges between 0 to 127
MIDI_CC_BREATH_CONTROLLER_MSB	2	breath controller MSB value. Value ranges between 0 to 127
MIDI_CC_CELESTE_DEPTH	94	celeste depth. Value ranges between 0 to 127
MIDI_CC_CHANNEL_VOLUME_LSB	39	volume level LSB. Value ranges between 0 to 127
MIDI_CC_CHANNEL_VOLUME_MSB	7	volume level MSB. Value ranges between 0 to 127
MIDI_CC_CHORUS_DEPTH	93	chorus depth. Value ranges between 0 to 127
MIDI_CC_EXPRESSION_CONTROLLER_LSB	43	expression value LSB. Value ranges between 0 to 127
MIDI_CC_EXPRESSION_CONTROLLER_MSB	11	expression value MSB. Value ranges between 0 to 127
MIDI_CC_EXTERNAL_EFFECT_DEPTH	91	external effects depth. Value ranges between 0 to 127

MIDI_CC_FOOT_CONTROLLER_LSB	36	foot controller LSB value. Value ranges between 0 to 127
MIDI_CC_FOOT_CONTROLLER_MSB	4	foot controller MSB value. Value ranges between 0 to 127
MIDI_CC_HOLD_2	69	hold 2. <=63 off, >=63 on
MIDI_CC_MODULATION_LSB	33	modulation value LSB. Value ranges between 0 to 127
MIDI_CC_MODULATION_MSB	1	modulation value MSB. Value ranges between 0 to 127
MIDI_CC_PAN_LSB	42	panning LSB. Value ranges between 0 to 127
MIDI_CC_PHASER_DEPTH	95	phaser depth. Value ranges between 0 to 127
MIDI_CC_PORTAMENTO	65	portamento On/Off. <=63 off, >=63 on
MIDI_CC_PORTAMENTO_TIME_LSB	37	portamento Time LSB value. Value ranges between 0 to 127
MIDI_CC_PORTAMENTO_TIME_MSB	5	portamento Time MSB value. Value ranges between 0 to 127
MIDI_CC_RESET_CONTROLLER	121	reset. Reset all controller.
MIDI_CC_SOFT_PEDAL	67	soft Pedal On/Off. <=63 off, >=63 on
MIDI_CC_SOSTENUTO	66	sostenuto On/Off. <=63 off, >=63 on
MIDI_CC_SUSTAIN	64	sustain on/off. <=63 is sustain off and >=63 is sustain on
MIDI_CC_TREMOLO_DEPTH	92	tremolo depth. Value ranges between 0 to 127
MIDI_EVENT_CHANNEL_PRESSURE	12	channel pressure
MIDI_EVENT_CONTROL_CHANGE	10	channel control change. For control parameters refer MIDI_CC_PARAM. Control change command aNumber with control parameter and it value should be sent to change the channel control parameter such as volume, modulation values
MIDI_EVENT_NOTE_OFF	7	note off
MIDI_EVENT_NOTE_ON	6	note on
MIDI_EVENT_PITCH_BEND	13	channel pitchbend
MIDI_EVENT_PROGRAM_CHANGE	11	channel program change
MGR_EVENT_DEV_CONNECT	11	MIDI device plugin event
MGR_EVENT_DEV_DISCONNECT	12	MIDI device plugout event
MIDI_DEVICE_CONTROLLER	1	Valid MIDI controller input device such as MIDI keyboard
MIDI_DEVICE_SYNTHESIZER	2	Valid MIDI output device. Only builtin synthesizer is supported.
MIDI_DEVICE_FILE	4	Valid MIDI input or output device. Currently standard MIDI file playback is supported. Recording is not supported.