

Constants

Some of the Smart Multibox functions take special constants as input parameters. These are defined below.

Expression Pedal Constants

Minimum and maximum values that are sent to the expression pedal callback

EXPPEDAL_MIN = 0

EXPPEDAL_MAX = 127

LED Constants

Possible LED colors

LED_OFF = 0

LED_RED = 1

LED_GREEN = 2

LED_ORANGE = 3

MIDI Constants

Message Types

MIDI_NOTE_OFF = 0x80

MIDI_NOTE_ON = 0x90

MIDI_POLY_PRESSURE = 0xA0

MIDI_CC = 0xB0

MIDI_PC = 0xC0

MIDI_CHAN_PRESSURE = 0xD0

MIDI_PITCH_BEND = 0xE0

MIDI_SYSEX_START = 0xF0

MIDI_TIME_FRAME = 0xF1

MIDI_SONG_POS = 0xF2

MIDI_SONG_SEL = 0xF3

MIDI_TUNE_REQ = 0xF6

MIDI_SYSEX_END = 0xF7

MIDI_CLOCK = 0xF8

MIDI_START = 0xFA,

MIDI_CONTINUE = 0xFB

MIDI_STOP = 0xFC

MIDI_ACTIVE_SENSE = 0xFE

MIDI_RESET = 0xFF

Other Values

MIDI_MIN_VAL = 0

MIDI_MAX_VAL = 127

Port ID Numbers

MIDI_IN_1 = 0x0

MIDI_IN_2 = 0x1

MIDI_IN_3 = 0x2 # Bidirectional input on MIDI_OUT_1

MIDI_IN_USB = 0x8 # Used when the connected computer sends to the "SMB Internal" USB MIDI port

MIDI_OUT_1 = 0x10

MIDI_OUT_2 = 0x11

MIDI_OUT_3 = 0x12

MIDI_OUT_4 = 0x13

MIDI_OUT_5 = 0x14 # Bidirectional output on MIDI_IN_1

MIDI_OUT_USB = 0x18 # Used to send to the connected computer using the "SMB Internal" USB MIDI port

TRS Port Constants

External switch IDs used for a 2 button external switch. 1 button switches always use

EXTSWITCH_TIP

EXTSWITCH_TIP = 0

EXTSWITCH_RING = 1

TRS port modes

TRS_EXPPEDAL = 0

TRS_EXTSWITCH = 1

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