

# Send messages

Documentation for the "Send" section.

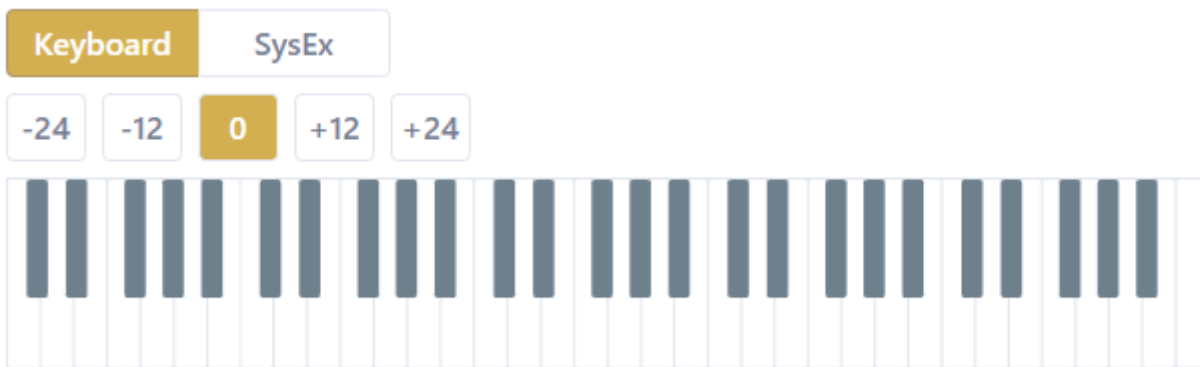
- Keyboard
- System Exclusive

# Keyboard

Keyboard allows you to send notes to a device with a virtual keyboard.

## Desktop

Desktop version of the keyboard:

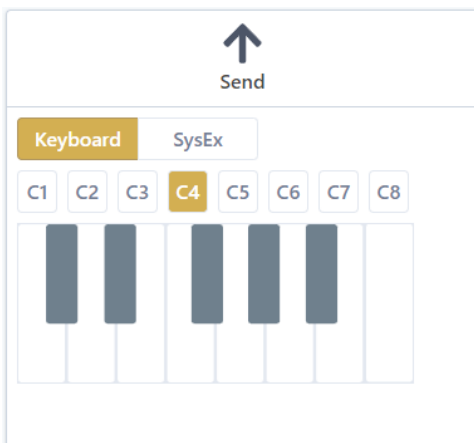


- 5 octaves are displayed
- Click on any note to send a note to the synthesizer.
- Transpose the keyboard by one or two octaves with the dedicated buttons (-24, -12, +12, +24)

If a note gets stuck, press it again to stop it

## Mobile

Mobile version of the keyboard only displays one octave:



The octave to play can be selected with C1-C8 buttons. C4 is the default.

Tapping each note is necessary, sliding between notes has no effect.

# System Exclusive

The **SysEx** tab allows to send arbitrary system exclusive messages to a synthesizer.

Keyboard **SysEx**

**>> Send**

Be sure you know what sent messages do to your synthesizer. Sending incorrect messages may damage your synthesizer.

Do not send firmware updates or other large messages with **synthsonline.com**. The way the browser transmits midi data is not adapted to these kinds of sysex messages.

## Send a system exclusive message

To send a message, just type or paste it inside the text field. When typing a message, messages can be detected as valid or invalid.

### Valid message

Valid message means it is well formed. It does not mean the message is supported by the synthesizer. No synthesizer specific checks are made for system exclusive messages.

To send a message, it has to be valid. A valid message is a well formed system exclusive message. In such case:

- the send button will be active
- for supported messages, additional information, such as patch name, may be displayed
- clicking the send button will send the message to the synthesizer

Example of a valid message, detected as a patch:

Keyboard SysEx

```
F03E130010010B0140473D456008001F47014001650000004C404340600800205D0140006500000028404040600000
37F0540000000000000000400001000000220004007F457F442F4000004000000000010000024E400000000000060424
0004003000005680002434000000000000404340036D00007F051100000100007F5F004000000001210340400040000
0400140404040011F102F5D404040180000010F404040012A4000007F00400000400000274000000004000004000
003440000000004000004001004000007F51A000007F480000004000007F347F00004000000040000040404040400000
```

>> Send

**i** Vangelibells SCD, target: B 12

## Invalid message

Typing a system exclusive message that is not valid will:

- display an error
- make the send button inactive

Example:

Keyboard SysEx

```
F0
```

>> Send

**!** Not a valid System Exclusive message

Error will disappear and send button will be active as soon as a valid system exclusive message is present in the text field.

Invalid message means it is not well formed. It does not mean the message is not supported by the synthesizer. No synthesizer specific checks are made for system exclusive messages.