



# zetaSID

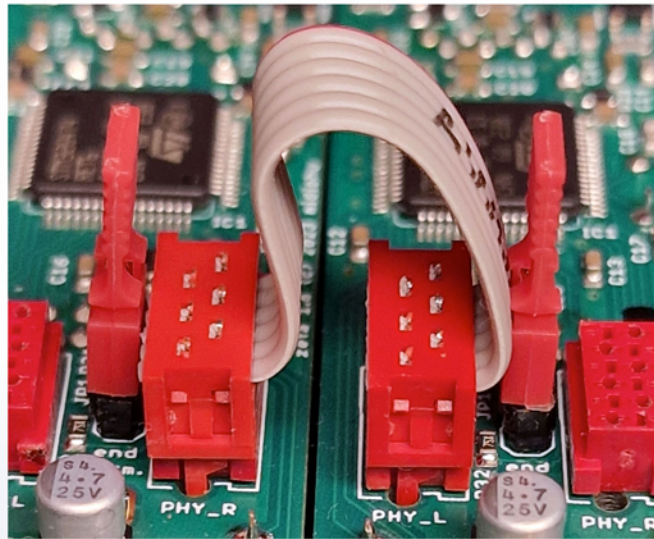
quick start  
manual

## expandable modular SID synthesizer voice

‡ poly-chain up to 12 units / MBSID based sound engine / 6x LFO / 3x ARP / 4x WSEQ / MIDI option / stereo & unison modes / ASID playback

**midi phy**  
advanced by design

## phybus setup



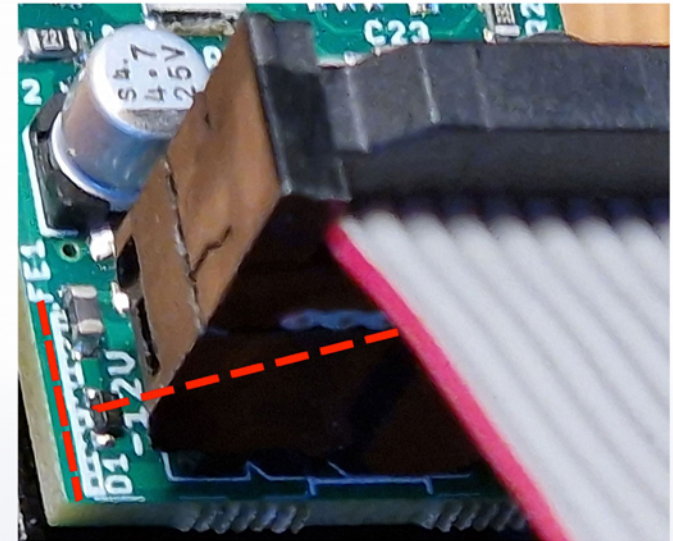
If installing a **single phybus module**: leave the jumper on the termination header.

If installing **multiple phybus modules**:

- use the provided phybus cables to connect all modules, connecting PHY\_R to PHY\_L ports.
- add bus termination jumpers **only** on the leftmost and rightmost module, remove all other termination jumpers.

**Tip:** Wire all phybus cables before installing the modules in your eurorack case.

## eurorack power setup



Attach the power cable **by aligning the red stripe with the marking on the PCB**.

Then connect the cable to your bus board, insert the modules into your rack, and fasten them with the provided M3 screws.

## learning resources



This quick start guide provides just a brief introduction to the module. Please scan the QR code for more learning resources.

# front panel



- 1 CV in port**  
Range: -5V to +5V or 0 to 10V
- 2 CV in LEDome**
  - Press to splice
  - Spliced to the Note Pitch input socket by default
- 3 Gate in port**  
Accepts 5-10V gate signals
- 4 Gate in LEDome**
  - Press to splice
  - Spliced to the Note Gate input socket by default
- 5 Audio out port**  
Outputs eurorack-level audio
- 6 Audio out config LEDome**  
Press to configure the audio output gain
- 7 MicroSD card slot**  
Use FAT32 formatted cards
- 8 OLED**
  - Shows the user interface
  - Expand with more zetaSIDs via phybus to grow the UI
- 9 Encoder with pressable knob**
  - Press to enter the menu
  - Turn to change parameters
  - Push-and-turn to accelerate
- 10 Illuminated mechanical key**  
Press to edit selected item

# recommended first steps



- 1** Attach cables to ports:
  - CV source to CV In
  - Gate source to Gate In
  - Audio out to a mixer (or output module)
- 2** Play or sequence notes with CV/gate inputs
- 3** Turn the encoder to scroll through the ROM bank
- 4** Select patch "R010"
- 5** Enter the menu by pressing the encoder knob
- 6** Navigate to the filter page by turning the encoder knob
- 7** Press the key to enter the filter menu
- 8** Scroll to the "Cutoff" param
- 9** Press key to modify cutoff by turning the encoder knob
- 10** Press the key again to jump back to the filter submenu
- 11** Press the encoder to go to the main menu
- 12** Navigate to the ARP screen
- 13** Scroll through the settings and set "Arpeggio" to on
- 14** Set "Octaves" to 3
- 15** Play in notes with CV/gate to hear the arpeggio sound
- 16** Explore further and enjoy!

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front panel  
first steps

**midi:phy**  
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