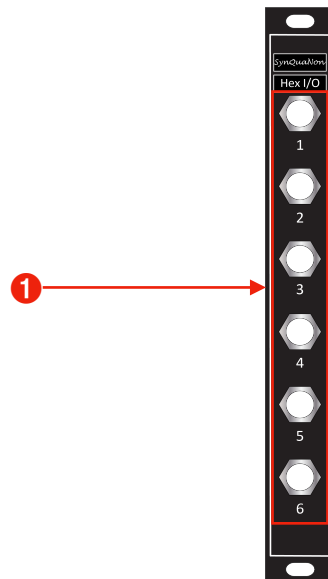# Hex I/O Expander

Introduction

Congratulations on your purchase of this SynQuaNon product! It is our belief that our products will enable you to find new and interesting ways to create custom sounds with your synthesizer and other SynQuaNon modules. Check out our full line at www.synquanon.com.
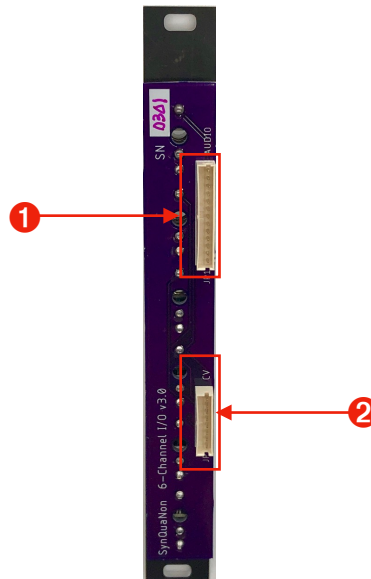
Module front panel overview

❶ I/O DC-coupled inputs or outputs 1 - 6; accept +/- 12V signals. Wired to both SynQuaNon Audio and CV Bus connectors on rear.

Overview

The Hex I/O Expander module adapts six audio or CV signals connected to the front panel to SynQuaNon Audio and/or CV Bus connections on the rear. The module is entirely passive. Conversion can be from 3.5mm jacks to SynQuaNon Bus or the reverse. This facilitates interfacing SynQuaNon modules with other brands, as well as adding six additional inputs and/or outputs to SynQuaNon modules.

Ideal for guitar or bass single-string processing.

Module rear panel overview

❶ Audio Bus   Pins 1,3,5,7,9,11 are connected to jacks 1-6 on the front. All other pins are grounded.

❷ CV Bus   Pins 1-6 are connected to jacks 1-6 on the front. Pins 7,8 are grounded.

Features

- Allows for connection of other brand modules to SynQuaNon Audio and/or CV Bus connections on rear of SynQuaNon modules.

- Can be used to add six more audio/CV inputs and/or outputs to SynQuaNon modules.

- Minimizes front panel patch cable lengths if placed close to other brand modules while using appropriate length SynQuaNon Bus cable inside case.

- Passive design.

Technical Specifications + Downloads

Width	3 HP		
Depth	17 mm		
Power	Module does not draw power	ModularGrid	Hex I/O Expander

Support

In case of difficulty:

1. Check patch cables for continuity or shorts.

For additional information please feel free to contact us at support@synquanon.com