

## 1. Introduction

The **Trigger-Output Module A-157-2** and the **Control-Input Module A-157-3** are both required to drive the **Trigger Sequenzer A-157-1**:

The **Trigger-Out Module A-157-2** is where the trigger signals (+12V) for each sequencer track can be tapped from.

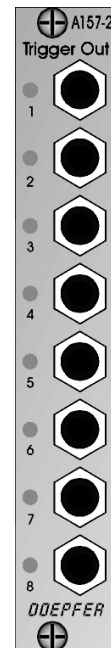
The **Control-Input Module A-157-3** is used to control the sequencers run functions (start / stop / reset / clock). You can either control them manually using the push buttons, or by applying external signals of  $\geq +3$  Volts.

**Please note:** To run the sequencer, an external clock signal has to be patched to the **A-157-3** clock input socket. Please refer to page 2.

**IMPORTANT:** Before installing the modules A-157-2 and A-157-3 please read carefully the **setup instructions on pages 3 and 4 !**

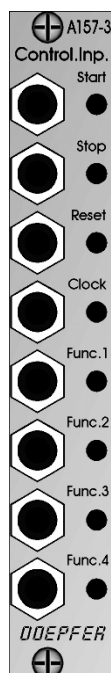
## 2. A-157-2 Trigger Output Module

The **Trigger-Output Module A-157-2** is self explaining. The eight sockets provide the trigger signals (+12V) for each sequencer track.



### 3. A-157-3 Control Input Module

The **Control-Input Module A-157-3** is used to control the sequencers run functions (start / stop / reset / clock). You can either control them manually using the push buttons, or by applying external signals of  $\geq +3$  Volts, resp. a clock signal.



#### 3.1. Control keys / inputs

##### Start

Hitting the key (or routing a positive pulse into the respective jack) will get the sequencer going from the current step position.

##### Stop

Hitting the key (or routing a positive pulse into the respective jack) will stop the sequencer at the current step position.

##### Reset

With the next incoming clock pulse, a key hit (or routing a positive pulse into the respective jack) will start thesequence at step #1.

##### Clock

Each time you are hitting the key (or routing a positive pulse into the respective jack), the sequencer will advance to the next step.

A steady clock signal (pulsed wave) is used to drive the sequencer at a steady pace.

##### Func. 1-4

(not implemented yet)

## 4. Setting up the A-157-2/3 modules

**WARNING: STRICTLY OBSERVE THESE INSTRUCTIONS!**

*Install carefully and gently. Doepfer cannot accept responsibility or liability for modules damaged by installing them improperly or by using brute force.*

The **A-157-1 main module** needs to be mounted in your eurorack case side by side the **A-157-2 trigger output module** and the **A-157-3 control input module**. Simply connect flat ribbon cables with the following sockets:

- **(1)** the socket labelled „JP2“ of the A-157-2 trigger output module with the socket labelled „JP3“ on the A-157-1 trigger matrix PCB.
- **(2)** the socket labelled „JP1“ of the A-157-3 control input module with the socket labelled „JP4“ on the A-157-1 trigger matrix PCB.
- **(3)** the socket labelled „JP1“ of the A-157-2 trigger output module with the A-100 bus power connector.
- **(4)** the socket labelled „JP1“ of the A-157-1 trigger matrix module with the A-100 bus power connector.

Please make sure that the position of the flat ribbon cables **coloured stripes** fit to the figure on the following page resp. to the labelling on the PCBs.

The **figure on the following page** will show you clearly all necessary connections. Again – please strictly observe these instructions!

