

# Q961 Sequencer Interface

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The Q961 Sequencer Interface is modeled after the Moog 961 Interface module and is used to combine trigger signals to create a single trigger output. Trigger signals (Called Gate signals in modern systems) are logically OR'd together - any trigger input gets routed to the output. Column 'A' trigger inputs go directly to the output, while Column 'B' trigger inputs can have their On-time manually limited or extended from 40ms to 4 seconds with the panel control.

## Specifications

**Panel Size:** Single width 2.125"w x 8.75"h.

**Column B On-Time:** 40ms to 4 seconds

**Trigger Input Thresholds:** 1.5V

**Trigger Input Levels:** -15V to +15V

**Trigger Output Levels:** 5V

**Power:** +15V@10ma, -15V@10a, +5@1ma.

## Controls and Connectors

### Column B On-Time Control

Sets the time that the triggers from column B remain routed to the output.  
Adjustable from 40ms to 4 seconds.

### Column A Trigger Inputs

The 6 trigger (Gate) inputs are logically OR'd and routed to the output.  
Typically these triggers come from a Q960 Sequential Controller

### Column B Trigger Inputs

The 6 trigger (Gate) inputs are logically OR'd, time adjusted, then routed to the output.  
Typically these triggers come from a Q960 Sequential Controller

### Output

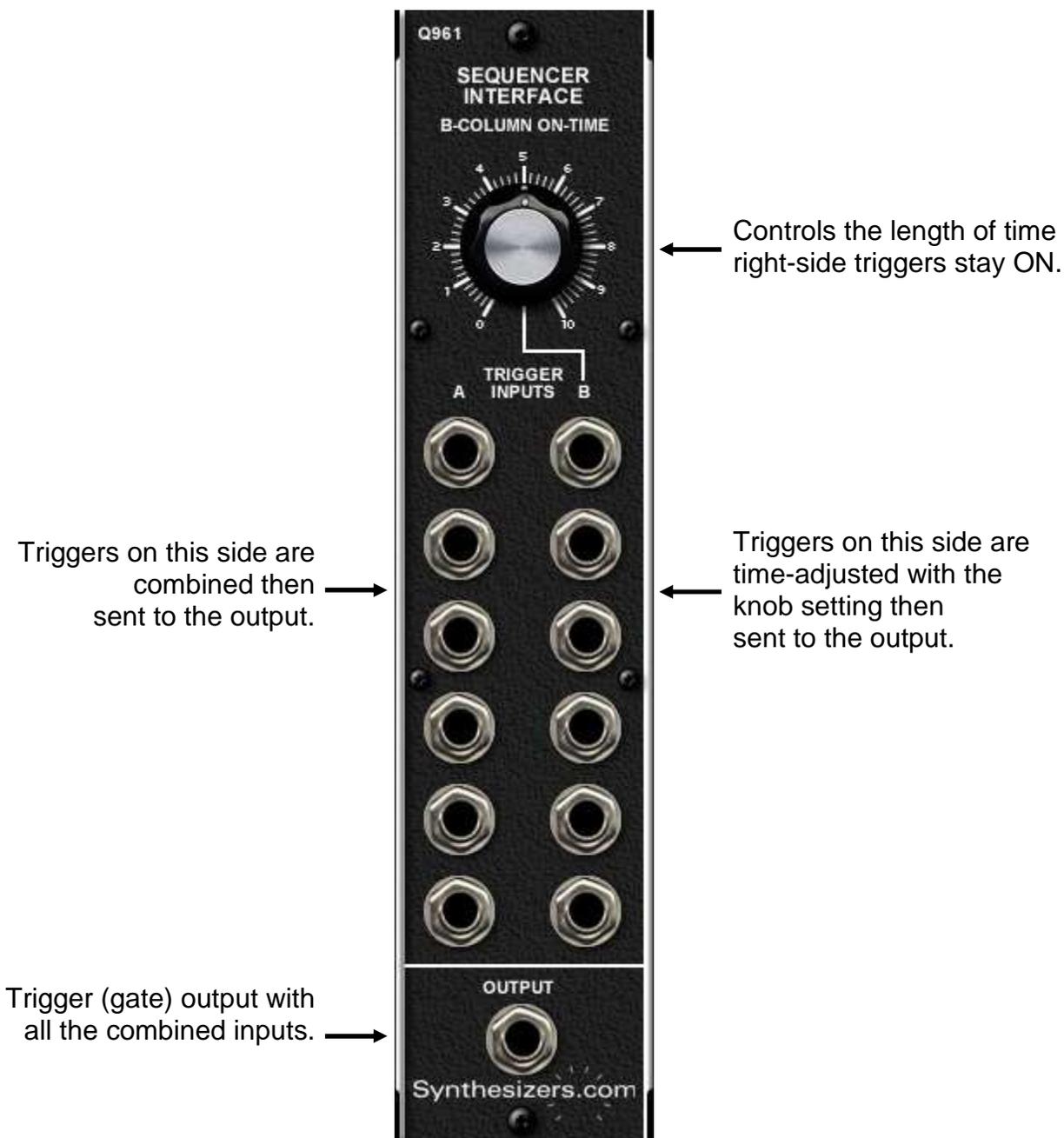
The logical OR of all trigger inputs.  
Typically patched to one or more Envelope Generators.



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The Q961 combines multiple triggers (gates) from the Q960 Sequencer into a single output which can be used to drive other modules such as envelope generators. The left section simply combines triggers, the right section combines triggers and gives control over their output timing.



## Usage and Patch Tips

The most common use for the Q961 is to combine triggers from the Q960 sequencer so certain stages produce notes (Triggers to Envelope Generators), and others do not.

### Varying Control of Envelope Generators

By using the column B inputs, changes in the trigger timing can be used to produce interesting effects not possible with a static trigger time.

### As a Keyboard Gate Modifier

Use the Q961 to make trigger signals from every keypress have a certain timing.

## Typical trigger Combining Patch



