TTA
Octovert Polyphonic Attenuverter Perfect Circuit


# TTA Octovert Polyphonic Attenuverter Perfect Circuit Instruction Manual



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TTA

**TTA Octovert Polyphonic Attenuverter Perfect Circuit**


### Specifications

- Size: 6HP
- Depth: 40mm
- Power: +12V 18mA / -12V 15mA

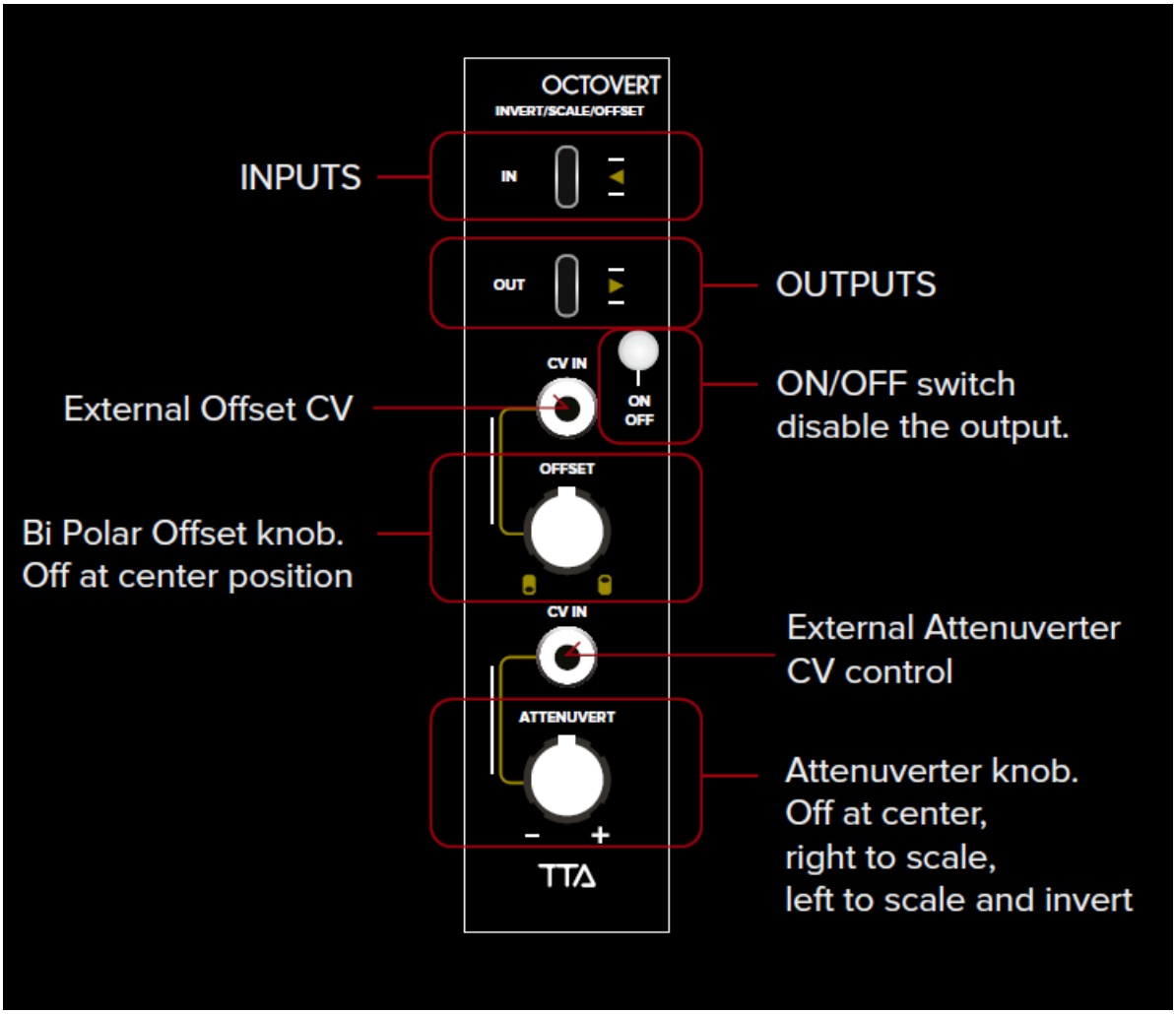
### Product Information

The Octovert is a versatile CV processor designed for scaling, inverting, and offsetting up to eight polyphonic signals. It can also be controlled externally via CV input. The unit is particularly useful for tasks such as inverting envelopes, reversing CV direction, and fine-tuning modulation sources by scaling and offsetting them accurately.

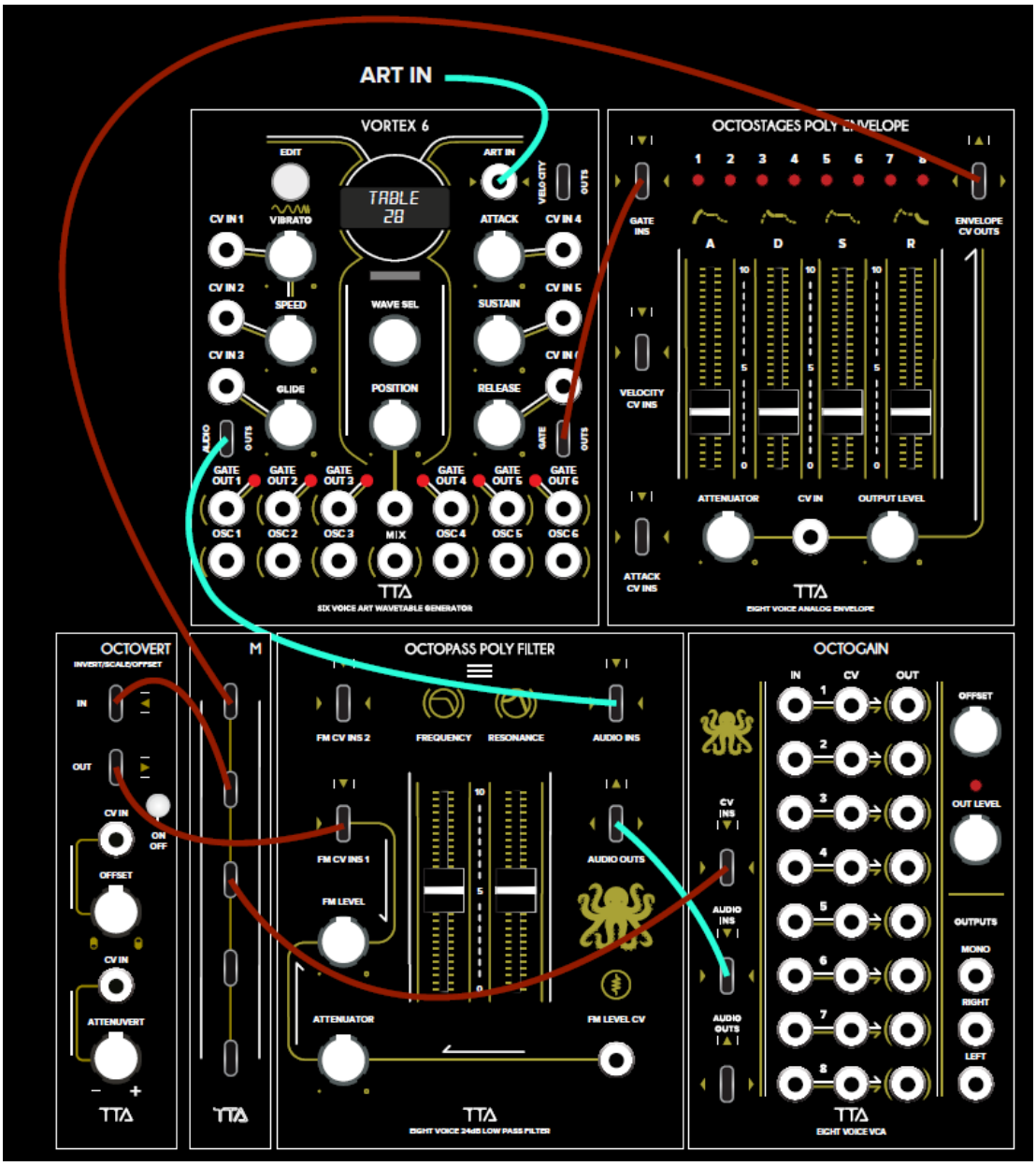
### OCTOVERT

The Octovert is a CV processor capable of scaling, inverting, and offsetting up to eight polyphonic signals. It can also be externally controlled via CV. Its most common applications include inverting envelopes, reversing the direction of CV, and scaling plus offsetting any CV source to precisely fine-tune the modulation sweet spot of the target module.

**Panel Controls**




In the following patch example, Octovert is used to invert the Octostages envelope before sending it to the Octopass filter. Since the Octostages CV input operates at 0–5V, which is the standard for all Polyphonic modules, we need to adjust Octovert accordingly.
First, we set the ATTENUVERT knob to the left to invert the envelope, turning it into a negative voltage. Then, we turn the OFFSET knob to the right to shift the envelope back into the positive voltage range. Understanding this concept is essential for using Octovert effectively.




**INPUTS**

- External Offset CV Bi Polar Offset knob (Center position for Off).

**OUTPUTS**

- ON/OFF switch to disable the output.

**ATTENUVERT**

- External Attenuverter CV control knob (Center for Off, right for scaling, left for scaling and inverting).

## Using the Octovert

1. Set the ATTENUVERT knob to the left to invert the envelope, converting it into a negative voltage.
2. Adjust the OFFSET knob to the right to shift the envelope back into the positive voltage range.
3. Understanding this concept is crucial for effective use of the Octovert.

## FAQS

**Q: What are the common applications of the Octovert?**
**A:** The Octovert is commonly used for inverting envelopes, reversing CV directions, and scaling plus offsetting any CV source to fine-tune modulation sweet spots.

## Documents / Resources

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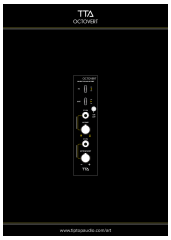
|  | TTA Octovert Polyphonic Attenuverter Perfect Circuit [pdf] Instruction Manual<br>Octovert Polyphonic Attenuverter Perfect Circuit, Attenuverter Perfect Circuit, Perfect Circuit |

## References

- art – Chords Melodies Harmony And Polyphony In Eurorack
- User Manual