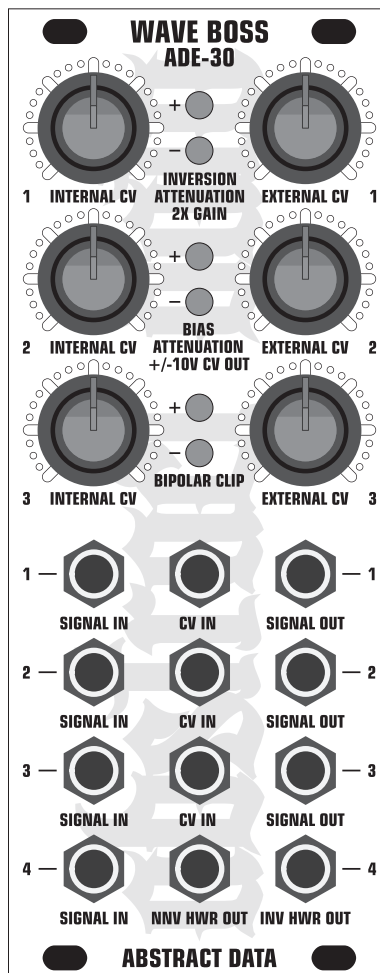


abstract data

INSTRUMENTS  EFFECTS

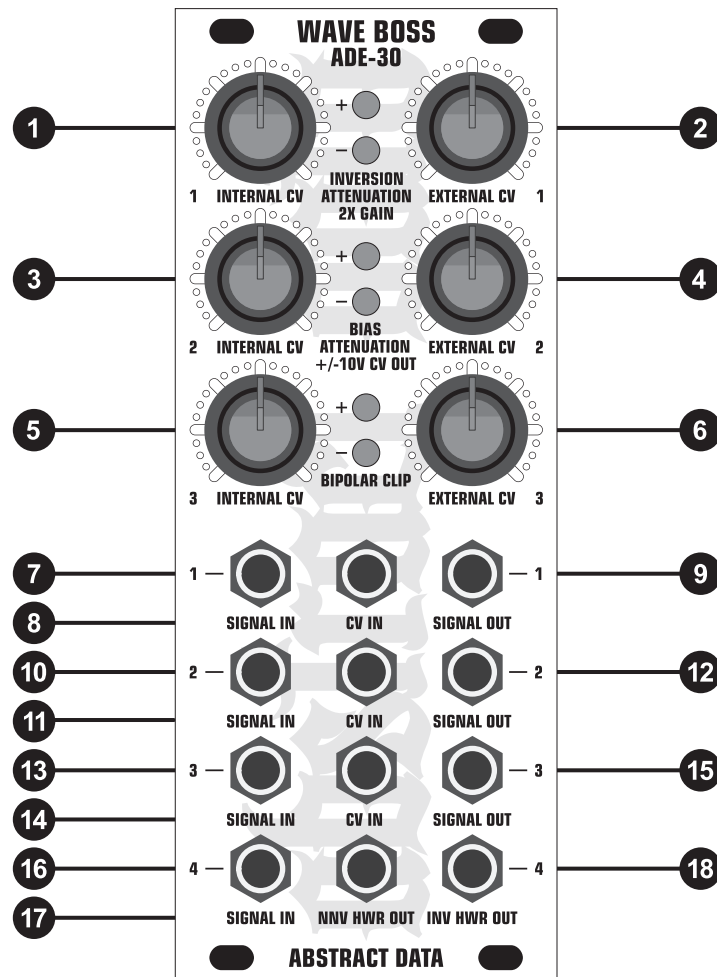
ADE-30 WAVE BOSS

4 Stage Waveform and CV Utility Module



USER GUIDE

1: Front



- 1 INTERNAL CV: Manual CV control for stage 1
- 2 EXTERNAL CV: Attenuation for external CV input for stage 1
- 3 INTERNAL CV: Manual CV control for stage 2
- 4 EXTERNAL CV: Attenuation for external CV input for stage 2
- 5 INTERNAL CV: Manual CV control for stage 3
- 6 EXTERNAL CV: Attenuation for external CV input for stage 3
- 7 SIGNAL IN: Signal input for stage 1
- 8 CV IN: CV input for stage 1
- 9 SIGNAL OUT: Signal output for stage 1
- 10 SIGNAL IN: Signal input for stage 2
- 11 CV IN: CV input for stage 2
- 12 SIGNAL OUT: Signal output for stage 2
- 13 SIGNAL IN: Signal input for stage 3
- 14 CV IN: CV input for stage 3
- 15 SIGNAL OUT: Signal output for stage 3
- 16 SIGNAL IN: Signal input for stage 4
- 17 NNV HWR OUT: Signal output 1 for stage 4
- 18 INV HWR OUT: Signal output 2 for stage 4

OVERVIEW:	<ul style="list-style-type: none">4 stage waveform & CV utility moduleIndependent stages, 8 functions in totalDC-coupled ins & outs for each stageWorks with Audio, LFOs, CV, Logic & EGsExternal CV control & on-board attenuationIndicator LEDs for positive & negative cyclesPower supply reverse-voltage protectionLow-profile build mounts in any depth rack
STAGE 1:	<p>Attenuversion: Voltage controlled or manual Up to 100% attenuation Up to 2x gain Non-inverted or inverted output</p> <p>Attenuation: Voltage controlled or manual Up to 100% attenuation Non-inverted or inverted output</p> <p>Voltage Controlled Amplifier/Gain: Voltage controlled or manual Up to 100% attenuation Up to 2x gain Non-Inverted or inverted</p>
STAGE 2:	<p>Biassing: Voltage controlled or manual Up to +/- 10V</p> <p>CV Source: Up to +/-10V DC (at output, with no inputs present)</p> <p>Attenuation: Up to 100% Attenuation (at output, of signal at CV input)</p>
STAGE 3:	<p>Bipolar Clipping: Voltage controlled or manual Up to 100% clipping (100% attenuation)</p>
STAGE 4:	<p>Half-Wave Rectification: Voltage controlled or manual Positive-going, non-inverted, half-wave rectification (Positive output) Negative-going, inverted, half-wave rectification (Positive output)</p>
PRECAUTIONS:	<p>The ADE-30 uses the Doepfer standard for power connection and cable orientation. The RED stripe on the supplied power cable connects to the NEGATIVE (-12V) rail on the ADE-30 with the RED stripe facing DOWN. This is marked on the back of the ADE-30 PCB as “-12 RED”.</p> <p>The ADE-30 has diode and polyfuse protection built in but an incorrectly connected cable may still cause damage to the module or the power supply.</p> <p>The rear panel of the ADE-30 has exposed parts and connections. Please ensure when handling the ADE-30 that the unit is held by the sides of the front panel or the sides of the PCB.</p>
CREDITS:	<p>Rory Dow Dave White</p>