



ICEBERG EFFECTS

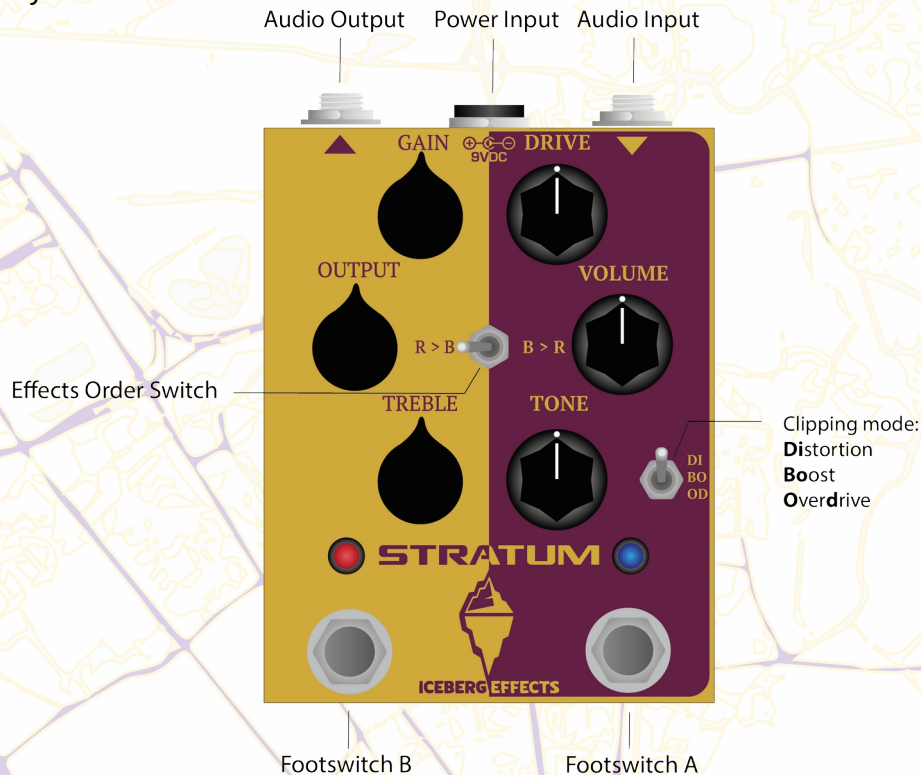
STRATUM

DUAL CLASSIC OVERDRIVE V1



USER MANUAL

The Stratum pedal is a dual overdrive, meaning it has two overdrive effects in one enclosure. The right side is based on the Analogman Prince of Tone (side A), the left side on the Klon Centaur (side B). Both sides can be enabled individually or work together when both engaged. This allows for a wide variety of tones.



Audio Input Connect the Stratum pedal to your guitar or another effect pedal using a 6.35mm (1/4") mono TS audio cable.

Audio Output Connect the stratum to your amp or other effect pedals using a 6.35mm (1/4") mono TS audio cable.

Power input Use a 9V power supply with a 2.1mm center negative plug to power the Stratum pedal. The pedal has an internal charge pump that raises the voltage to 18V. This charge pump will be damaged when connecting the pedal to voltages higher than 9V, thus **only use a 9V power supply!** The pedal draws a current of maximum 30 mA, use a power supply that can supply at least this amount of current.

Effects Order Switch This toggle switch sets which of the two effects comes first. Set to the right (Blue into Red, B > R), the audio input is first sent to the Bluesbreaker side (side A, Blue LED) and then to the Klon side (side B, Red LED), before being sent to the Audio output. Set the effect order switch to the left (Red into Blue) to have the order of the effects reversed and letting the Klon side go before the Bluesbreaker side. The effects order switch only has an impact on the sound when both effects are enabled. Go and try it and see which effects order you like best.

Footswitch A This footswitch engages and disengages the Bluesbreaker side (side A) of the pedal. When disengaged, the effect is completely bypassed and will not have an influence on the sound (True Bypass). When engaged, the blue LED will light up, when disengaged the blue LED will be off.

Drive This control sets the amount of overdrive/distortion for the Bluesbreaker side of the pedal. Turning it up will cause the effect to have more overdrive and get louder. The amount of overdrive is also dependent on the position of the clipping switch.

Volume The Volume knob sets the output volume level for the Bluesbreaker side.

Tone The Tone knob sets the amount of high frequencies in the Bluesbreaker side output signal. Turn it to the left to make the sound darker, turn it to the right to make it brighter.

Clipping Modes This toggle switch sets the clipping mode for the Bluesbreaker side:

Distortion: Uses hard clipping for a more distorted sound. Setting the pedal to distortion mode will give the Bluesbreaker side less output volume. This is part of the design and perfectly normal

Boost: In Boost mode, there is no clipping for the Bluesbreaker side apart from the natural clipping of the opamp chip. Use this setting to use the Bluesbreaker side as a boost (into the Klon side or just to push your amp a bit harder).

OverDrive: Use this setting to use the Bluesbreaker side in overdrive mode. In Overdrive mode, soft clipping is applied, giving a more amp-like overdrive compared to the distortion mode.

Footswitch B This footswitch engages and disengages the Klon side (side B) of the pedal. When disengaged, the effect is passed via the internal buffer circuit, like in the original Klon Centaur pedals (Buffered Bypass). This guarantees that the higher frequencies in the guitar signal are maintained, even when running long guitar cables or many effects pedals. When engaged, the red LED will light up, when disengaged the red LED will be off.

Gain The Gain knob sets the gain for the Klon side. Like in the original Klon pedal, turning up the gain control simultaneously increases the gain and lowers the blend of clean signal. At the minimum gain setting, you'll only hear the clean signal. At maximum gain, you'll get the saturated clipped sound without any clean signal blended in.

Output The Output knob sets the output volume level for the Klon side, simple as that. It has quite a lot of volume on tap, making the Klon side very suitable for use as a boost.

Treble The Treble knob sets the amount of high frequencies in the Klon side output signal. Turn it to the left to make the sound darker, turn it to the right to make it brighter.

Presence (internal) The pedal has an internal trimpot for presence, controlling the amount of high frequencies in the guitar signal for the Bluesbreaker side. This trimpot works together with the Tone knob. If you are using very dark or very bright guitars and/or amps and using the Tone knob alone is not doing enough, then the presence control can be used for further adjustment. Turn in to the left to make it darker or to the right to make it brighter. This requires opening pedal by undoing the screws on the back of the pedal. We suggest to only do this when the pedal is not connected to the power supply.

External Switch A This input port provides the option of externally trigger footswitch A, thereby enabling/disabling the Bluesbreaker side of the pedal. This port can be used for connecting the Stratum pedal to other Iceberg Effects pedals. Use a 3.5mm TS or TRS cable to connect the pedals. More detailed information can be found in the section 'External Footswitch Bypass: Linking Pedals'.

External Switch B This input port provides the option of externally trigger footswitch B, thereby enabling/disabling the Klon side of the pedal. This port can be used for connecting the Stratum pedal to other Iceberg Effects pedals. Use a 3.5mm TS or TRS cable to connect the pedals. More detailed information can be found in the section 'External Footswitch Bypass: Linking Pedals'.