

Auto Sync

The Auto Sync is a Hard Sync effect which integrates an “envelope follower” to control the frequency of the sync oscillator, the frequency of a tone/modulated oscillator and the overall amplitude of the effect.

There are three sections to the effect:

Fuzz/Clean

Sets the volume/mix of the original signal. The switch situated next to it dictates whether this is a clean/unaltered signal or a tube style fuzz.

Sync

Sets the volume/mix of the Hard Sync effect.

Mod/Tone

Sets the volume of the tone oscillator. The switch situated next to this dictates whether the oscillator is creating a single tone or modulating with the Sync signal.

The amplitude of the effect can be controlled by your guitar signals volume/dynamics:

Dynamics Switch

This switch turns on the Dynamics control. This makes the Auto Sync output follow your guitar volume.


Envelope/Freq. Switches

Allow the Sync and Mod/Tone oscillators to be controlled by the guitar dynamics or set at a fixed frequency with the controls situated below.

Drive

Sets the sensitivity of the envelope follower / Dynamics.

OPERATION NOTES

- The input acts as an on/off switch. Battery is connected as Input Jack is inserted.
- 9v adapter is Boss Style, i.e. negative centre pin. 
- To avoid hurting amplifier inputs/annoying band-mates and house-mates, always set up the effect with 3 volume/mix controls at their lowest position and then increase. This effect is intentionally loud to allow for use with synthesizers / line signals.
- Be careful to ensure that battery/power supply polarity is connected the right way round. Failure to do so may cause a circuit malfunction.
- Do not attempt to power this effect with anything over 9v or improper sized batteries.