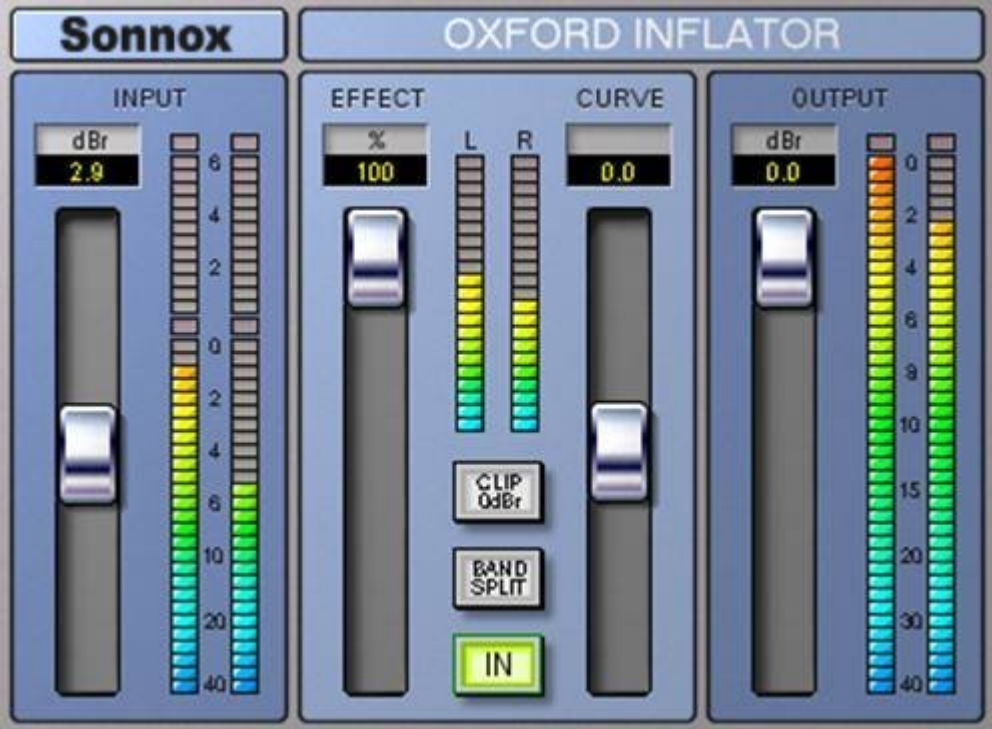




# Inflator Plug-in Manual



# Sonnox Inflator Plug-in Operation Manual

## 1. General description.

The Inflator plug-in is primarily designed to address the current preference to produce the maximum apparent loudness from popular music mixes. Many processes are already in use, which are variously reliant on compression and limiting to produce maximum modulation and engender an impression of excitement to the sound of the programme. The Inflator plug-in goes further than these methods and can increase the loudness of almost any programme material, regardless of the levels of prior compression or remaining dynamic range. It will even make full level white noise sound louder! The Inflator plug-in can also be used to create much of the warmth, character and dynamic excitement of analogue systems within the digital domain.

The Inflator process functions by changing the relative probability of the samples in the programme such that there is a greater predominance and likelihood of larger values than the original signal. Because the Inflator does not employ signal compression there is no 'pumping', dynamic level changes, loss of presence or flattening of percussive attacks. The full dynamic information of the music is largely preserved despite the increase in average modulation density.

In addition to loudness enhancement, the Inflator process can create a harmonic profile in the signal spectrum that not only increases the apparent dynamic impact of instruments and performances, but also provides 'warmth' to the programme, reminiscent of good tube systems. When used this way, the Inflator process even has the ability of good tube systems in producing great sounding programme when significantly overdriven and can therefore be used as an artistic enhancement tool on single performances within a mix.

## 2. Supported Platforms

Digidesign Pro Tools (TDM and LE)  
TC PowerCore  
VST  
Audio Units

See supplement for platform specific data.

## 3. Revision History

- 1<sup>st</sup> April 2007 - Generic Sonnox version