

# Aural Exciter

*Harmonic-Generating, Detail Enhancing TDM Plug-in*



## FEATURES

- *Brings instruments and vocals up out of the mix*
- *Patented harmonic generation process increases bandwidth without increasing level*
- *Enhances presence, clarity, speech intelligibility, and detail without significantly increasing peak output*
- *Total flexibility in "tuning" the Aural Exciter to your needs*
- *Easy-to-use, smooth user interface*
- *Cost-effective*

Since 1975, over a million channels of the patented Aphex Aural Exciter™ have brought more clarity, detail, air and presence to recordings, film, commercials, broadcasts and live concerts. This world standard is now available as a TDM plug-in for Digidesign's Pro Tools®, modeled after our top-of-the-line, fully parametric Aphex Aural Exciter Type III. Listen to the Aphex Aural Exciter and experience why producers and recording artists happily paid \$30.00 per minute to use this device. Often imitated but never equalled, the Aural Exciter is even more stunning and much more affordable today. So plug in some aural excitement... and find that extra dimension your music deserves.

### BASED ON PATENTED AURAL EXCITER HARDWARE

The hardware version of Aphex Aural Exciter was first introduced to the world in 1975. Its patented circuitry helps recorded or amplified audio get closer to the natural acoustic sound — clean, open, present and detailed. The effect is achieved by adding musically and dynamically related harmonics to the input signal. This effect has been used

on thousands of recordings, movies, commercials, broadcasts, and live concerts.

Improvements to the circuitry, including new patents, were made as different models of the Aural Exciter were developed. Today's fully professional Aural Exciter Type III incorporates these improvements and serves as the hardware basis for the Type IIipi Aural Exciter TDM Plug-In.

The effect, which has been a hardware standard in the audio world for over twenty years, is now available as a fully parametric, but easy to use, plug-in. Using the Aural Exciter Type IIipi will give your productions greater depth, clarity, intelligibility and natural brightness — all quickly and easily — without eating up all your headroom. Plug in Aural Excitement and unlock the hidden dimension in your music.

### SYSTEM REQUIREMENTS\*

Digidesign-approved Pro Tools TDM system

*For the latest Digidesign product information and system requirements, visit [www.digidesign.com](http://www.digidesign.com).*

*For the latest Development Partner plug-in and software compatibility information, visit [www.digidevelopers.com](http://www.digidevelopers.com).*

## SPECIFICATIONS

<i>Fader Controls</i>	<i>Range</i>	<i>Purpose</i>
Tune	700 – 7000 Hz	Sets the corner frequency of the second order high pass filter in the side chain prior to the harmonics generator.
Peaking	Min – Max	Sets the damping of the high pass filter. Acts like an equalizer around the corner frequency.
Null Fill	Min – Max	Adjusts the curve of the high pass filter to "fill in" the null caused by the summing of the sidechain return signal and the input signal.
Harmonics	Min – Max	Sets the amount of harmonics that are being generated.
Timbre	Min – Max	Sets the mix between Odd and Even harmonics.
Mix	Min – Max	Sets the amount of Aural Exciter enhancement added to the input.
Ax	On/Off	Sets the Aural Exciter process On or Off (SPR is still active).
Solo	On/Off	Allows you to listen to the Aural Exciter process alone.
Bypass	On/Off	Eliminates the Aural Exciter and SPR from the signal path.
SPR	On/Off	SPR (Spectral Phase Refractor) processes the main audio in such a way that bass frequencies lead phase in relation to the rest of the spectrum.
Drive	Norm, High	Sets the input sensitivity to the harmonics generator.
Density	Norm, High	DENSITY determines the type of harmonics generator algorithm used in the harmonic generator process.
<i>Metering</i>		
Input Drive VU Meter		Indicates the actual peak level to the harmonics generator.
Output Drive VU Meter		Indicates the actual peak level after mixing the direct input with the output from the harmonics generator.