



## TECHNICAL MANUAL

SolaraAura is designed as a stereo dimensional enhancer rather than a traditional chorus or widener. It combines phase manipulation, dynamic shaping, and subtle harmonic coloration to create perceived depth rather than obvious modulation.

### Aura

Primary stereo field enhancement amount. Controls the intensity of mid/side processing and spatial expansion. Higher values increase perceived width and subtle phase movement.

### Dream

Introduces harmonic bloom and high-frequency shimmer through soft nonlinear processing. Higher values add air and perceived brightness without traditional EQ boosting.

### Width

Controls the mid/side ratio directly. Lower values keep signal closer to mono. Higher values push side information outward.

### Glue

Applies gentle bus-style compression and phase alignment. Helps bind the stereo expansion together so it doesn't feel detached.

### Output Trim

Post-processing gain adjustment.

### Depth

Controls the amplitude of modulation applied to the stereo spread. Lower values = subtle widening. Higher values = more pronounced spatial movement and dimension.

### Drift

Adds slow randomized modulation to avoid static stereo positioning. Creates movement in the stereo image over time. Higher values increase movement and unpredictability.

### Character

Controls the tonal contour of the enhancement stage. Lower values = cleaner, more transparent. Higher values = more saturation and harmonic density.

### Modern (toggle)

Engages updated smoothing algorithm with refined harmonic response and better transient behavior.

