**Basic state-variable filter**

Une image contenant texte, diagramme, capture d’écran, Plan

Description générée automatiquement

Une image contenant ligne, Tracé, diagramme, Parallèle

Description générée automatiquement

**Craig Anderton Super Tone filter**

Une image contenant texte, diagramme, Plan, capture d’écran

Description générée automatiquement

Une image contenant ligne, Tracé, diagramme, texte

Description générée automatiquement

Une image contenant ligne, Tracé, diagramme, Parallèle

Description générée automatiquement

**Definition:** Offers flexible control over tone by creating several different response options. Low pass response boosts low frequencies and attenuates high frequencies; high pass response boosts high frequencies and attenuates low frequencies; bandpass response boosts a specific frequency range; and notch response attenuates a specific frequency.

***Background***

The “state-variable” filter is a type of filter used in several synthesizers to control timbre; this circuit is a variation of the state-variable filter that has been optimized for tone control purposes. It offers considerably more sonic flexibility than the tone controls found on most instruments and amplifiers.

**Alembic SF-2**

Une image contenant texte, diagramme, ligne, capture d’écran

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This filter is easy to find in the web, but the controls don’t match up with the filters on the Godfather guitar.