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# TLA306 + TLA306B Factory Recommended Settings

#### TLA306B Sub

Output Gain: 0.0 dB
Time Delay: 0.0 mSec
Phase: Normal

High Pass Filter Frequency: 40 Hz

High Pass Filter Type: 24 dB/Octave Linkwitz Riley (6dB Butterworth)

Low Pass Filter Frequency: 90 Hz

Low Pass Filter Type: 24 dB/Octave Linkwitz Riley (6dB Butterworth)

Bandpass Filter #1 Frequency: 35 Hz

Bandpass Filter #1 Q: 0.3 Octaves (Q= 4.8)

Bandpass Filter #1 Gain: +2.0 dB

#### **Low Section**

Output Gain: +4.0 dB
Time Delay: 0.667 mSec
Phase: Normal

High Pass Filter Frequency: 100 Hz

High Pass Filter Type: 24 dB/Octave Linkwitz Riley (6dB Butterworth)

Low Pass Filter Frequency: 353 Hz

Low Pass Filter Type: 24 dB/Octave Linkwitz Riley (6dB Butterworth)

Bandpass Filter #1 Frequency: 258 Hz

Bandpass Filter #1 Q: 0.5 Octaves (Q= 2.87)

Bandpass Filter #1 Gain: -7.0 dB

### **Mid Section**

Output Gain: -3.0 dB
Time Delay: 0.667 mSec
Phase: Normal

High Pass Filter Frequency: 615 Hz

High Pass Filter Type: 24 dB/Octave Linkwitz Riley (6dB Butterworth)

Low Pass Filter Frequency: 3.24 kHz

Low Pass Filter Type: 24 dB/Octave Linkwitz Riley (6dB Butterworth)

Bandpass Filter #1 Frequency: 1.51 kHz

Bandpass Filter #1 Q: 1.8 Octaves (Q= 0.75)

Bandpass Filter #1 Gain: -4.0 dB

Bandpass Filter #2 Frequency: 784 Hz

Bandpass Filter #2 Q: 0.3 Octaves (Q= 4.8)

Bandpass Filter #2 Gain: +3.0 dB

Bandpass Filter #3 Frequency: 5.09 kHz

Bandpass Filter #3 Q: 0.25 Octaves (Q= 6)

Bandpass Filter #3 Gain: -15.0 dB

## HIGH SECTION Loudspeaker Management System Settings.

Output Gain: -10.0 dB Time Delay: 0.0 mSec Phase: Invert

High Pass Filter Frequency: 5.09 kHz

High Pass Filter Type: 24 dB/Octave Linkwitz Butterworth

Bandpass Filter #1 Frequency: 6.69 kHz

Bandpass Filter #1 Q: 0.25 Octaves (Q= 6)

Bandpass Filter #1 Gain: 6.0 dB

Bandpass Filter #2 Frequency: 9.18 kHz

Bandpass Filter #2 Q: 0.35 Octaves (Q= 4)

Bandpass Filter #2 Gain: -5.0 dB

Bandpass Filter #3 Frequency: 5.09 kHz

Bandpass Filter #3 Q: 0.25 Octaves (Q= 6)

Bandpass Filter #3 Gain: -3.0 dB