



22 Feb 2007

# 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