



Audio, Video, Lighting & Communications

Systems Integrators

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Division of Pro Sound & Stage Lighting Ltd.

EQ TIPS

Quick Reference Guide

Instrument	Frequency of Interest	
Kick Drum	Bottom depth @ 60-80 Hz	Slap Attack @ 2.5 kHz
Snare Drum	Fatness @ 240 Hz	Crispness @ 5 kHz
Hi-Hat/Cymbals	Clank or Gong @ 200Hz	Shimmer @ 7.5kHz
Rack Toms	Fullness @ 240Hz	Attack @ 5 kHz
Floor Toms	Fullness @ 80-120 Hz	Attack @ 5 kHz
Bass Guitar	Bottom @ 60 Hz	Attack/Pluck @ 700 Hz – 1 kHz
Electric Guitar	Fullness @ 240 Hz	Bite @ 2.5 kHz
Acoustic Guitar	Bottom @ 80-120 Hz Body @ 240 Hz	Clarity @ 2.5 – 5 kHz
Electric Organ	Bottom @ 80-120 Hz Body @ 240 Hz	Presence @ 2.5kHz
Acoustic Piano	Bottom @ 80-120 Hz Body @ 240 Hz	Presence @ 2.5kHz "Honky Tonk" sound sharp 'Q' @ 2.5 kHz
Horns	Fullness @ 120-240 Hz	Shrill @ 5-7.5 kHz
Strings	Fullness @ 240 Hz	Scratchiness @ 7.5-10 kHz
Congo/Bongo	Resonance @ 200-240 Hz	Presence/Slap @ 5 kHz
Vocals	Fullness @ 120 Hz, Boominess @ 200-240 Hz	Presence @ 5 kHz Sibilance @ 7.5-10 kHz