The Importance of Reducing the Loop Area in Audio Power Amplifier Wiring to Achieve Low Noise

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The Green Shaded Area Shows the Total Loop Area Available to Pick Up Noise (50/60 Hz and related harmonics) This layout can be improved see considerably see Amplifier Heatsink Power next slide modules **Amplifier** Preamplifier Inputs usually bonded together on preamplifiers and CD players PSU = reservoir caps and Speaker This symbol bridge Outputs denotes electro-magnet Ordinary 1-3mm This is induction thick aluminium the 0V offers little supply attenuation of wire to 50/60 Hz and the amp related harmonics module 03/04/2021 www.hifisonix.com

This layout is much Quieter than the One on the Previous Slide



