How to realize the design of high fidelity head

2013-11-05Source : Internet Keywords: Hi-Fi Headphone Amplifier

1 Introduction

In the high-fidelity audio circuit, the tube amplifier has be
by the majority of audio enthusiasts because of its unique charm and
years, high-fidelity headphones have been favored by more and mor
audiophiles because of their convenience and relatively low price. In
family, the headphone impedance is distributed from low resistance, m
resistance: AI's 271S rated impedance is 48Ω, Beyerdynamic's Dt48 ra
Sennell's HD580, HD600, HD650 The rated impedance is 300Ω and so on.
impedance, a special matching circuit is usually required to show its
Compared with the speaker unit used for the speaker, the earphone has
its driving circuit performance index. Compared with the transistor,
voltage and a large internal resistance, and is more suitable for out
with a large swing and a small current. This feature makes the tube s
fidelity headphones with high quality requirements but low power requ

In the audio preamplifier, the Shunt Regulated Push-Pull (SRPP) circu