

# SecureSound FAQ's

**Question: What is SecureSound?**

Answer: SecureSound is a car audio power booster (powered by TMF lead acid battery) specially designed to meet the instantaneous high power demand from the car audio system.

**Question: Why do I need to install a SecureSound?**

Answer: SecureSound is a compact high power booster that can be installed next to the power amplifier and thus reduce distortion, noise and interference

**Question: What benefits does SecureSound do for music?**

Answer: SecureSound enables instant high current discharge to meet any shortage of power from the car alternator or battery. With higher current supplied, the power amplifier can easily ride through the dynamic range of music and hence reduces the distortion and noise.

**Question: So is SecureSound beneficial to the car?**

Answer: The extra power provided by the SecureSound helps the surge power demanded by the air-conditioner when compressor frequently switched on and off. It is able to supplement or boost the limited existing electric power supply from both alternator and car battery. As a result it also helps to improve the ignition efficiency.

**Question: Does SecureSound provide a better option than sub battery or power bank?**

Answer: Yes. SecureSound has 10 times lower DC internal resistance and easily more than 5 times higher peak current. It can produce a much higher power compare to traditional sub battery or power bank. It has fast recharge ability to recover capacity for the high current discharge.

**Question: How does SecureSound compare to Ultra Capacitor?**

Answer: Energy output of SecureSound is few hundred times higher than ultra capacitor in Farad, and it can sustain much longer high power demand from dynamic music playback.

**Question: What is TMF battery in the SecureSound?**

Answer: Thin Metal Film (TMF) technology combines the best features of traditional sealed-lead battery chemistry with an advanced mechanical construction. This patented battery is able produce very high current in less than 1 millionths of a second.

**Question: Can the TMF batteries be replaced?**

Answer: No, SecureSound must not be disassembled by user or unauthorized personnel.

**Question: Do I need to maintain SecureSound?**

Answer: No, after connected SecureSound parallel to the car alternator and/or car battery, it will be automatically maintained with built-in float/trickle charge.

**Question: How long can SecureSound being stored without any recharge?**

Answer: SecureSound can only be stored without any recharge for 3 days. However, with an external 12V backup battery connected, it can be stored without any recharge for 1 month.