



### Battery power and this unit's power system

Recently, audio makers have been looking at the polarity of the power cords used with systems in an effort to reduce noise caused by power sources as much as possible. Batteries are independent from AC power sources and so noise caused by power transfer is cut, making them the ideal source for audio equipment.

This unit uses a 2×12 V 2.2 Ah sealed lead-acid battery for better sound quality.

### Features

The battery is charging whenever MAIN POWER is on and DC is not selected as the power source. This means recharging takes no extra trouble.

Normal on/standby operation is done with the POWER button, and switching between AC and DC operation is done with OPERATION.

### Note

Observe the following points for your safety and to keep the battery performing well for as long as possible.

- The battery used is a lead acid battery. It differs from regular Ni-Cd rechargeable batteries in that if it is fully discharged, recharging may be impossible. Ensure that the battery is recharging whenever it is not being used, leave MAIN POWER ON and switch to AC power after finishing with the battery. There is no danger of over-charging the battery.
- Avoid overheating.  
If the unit is to be used in a rack, leave the rear of the rack open, leave some space between the unit and the wall, and allow sufficient ventilation.
- If you decide not to use the battery, fully recharge it, remove it from the unit, and store it in a cool, dry place. The battery still naturally discharges in this condition, so every 6 months reconnect to the unit and recharge it.
- If the unit itself is not to be used for a long period, fully recharge the battery, switch MAIN POWER off, and unplug the power cord from the outlet (recharging is unnecessary for a month if this is done). Recharge the battery again before use.

### Replacing the battery

If effective life of the battery reduces to about 3–4 hours even after being fully recharged, the battery is approaching the end of its serviceable life.