

PA 64 Trouble Shooting Guide

Note:

Always use a DIGITAL VOLT METER. Never use a test light to check power on a car that uses computers!

Always make power checks with the PA 64 connected and turned on. This helps to show resistive connections on power wires.

Issue

No sound but power light is on?

The sound is low and distorted from the mic or stereo?

I have confirmed the power on the wires but the PA 64 still doesn't work?

The PA 64 is getting hot?

The PA 64 stopped working but the power light is still on?

The front speakers are too loud compared to the rear speakers?

The mics work but the stereo is low in sound or distorted?

The stereo works but the mic doesn't?

When using a wireless mic it sounds distorted?

The stereo sound shuts off when I turn off the power switch on the PA 64?

The stereo volume is hard to adjust when the mic is on?

Reason

Check power for 12V on Yellow constant power wire.

Check power for 12V on Red switched power wire.

Check the ground wire.

Temporarily connect both the Red and Yellow power wires directly to the vehicles battery. If the PA 64 starts working, then recheck the vehicles supply power wires for full voltage with a meter.

The PA 64 may run warm but not hot. If hot, please check the speaker load per channel is between 4 and 8 Ohms. E.g. at 2 Ohms the speaker load is outside the designed range and needs to be rewired. Please see the speaker wiring diagrams in the manual.

Closely check the 10A power fuse with a meter for continuity. If the fuse is blown, check your speaker impedance is between 4 - 8 Ohms as above. If too low, the fuse will fail protecting the amplifier.

Adjust the two front channel level potentiometers on the PC board to level match the front and rear volume. Please refer to the manual.

Check that the "High/ Low" input switch is set correctly.

Check the On/Off switch on the mic is turned on. This is common.

Charge the wireless mic then re-test. Refer to wireless mic manual.

Since all the sound is being amplified by the PA 64 when the power switch is turned off, both the mic and stereo sound will stop. If concerned, install the included power switch jumper on the PC board to bypass the power switch. Refer to the manual.

Please refer to the manual about the "Audio Mute" control. When fully clockwise the stereo will be fully muted, counter clockwise will not mute the stereo at all. Half way will be 50% stereo muting.