

Sessionette amp has hum in the background... Or has no output

**This document applies to ONLY:
Sessionette:75 Guitar Amp with AX120P
(MosFet) Power Amp Module**

How to identify: Green 2SJ82 & Black 2SK226 'H pack' power MosFets - one at each end of the power board mounted on two 'L' heat transfer brackets.

Amp symptoms: No output or slight to loud hum in the background, sometimes coupled with distortion.

Cause: This is a biasing problem. The bias has drifted out of spec or is missing entirely. The bias pot should not be reset, but in case your customer has moved it, check that the 'arrow' is facing the back of the 'n' in the word 'Spain' written on the pot case.

Remedy: Look for **R9 12k** resistor just below the bias pot on the small power amp board. Check that it measures 12k.

R9 is a ¼W resistor which can get rather hot and it sometimes goes high value or open circuit. It may even be discoloured. If so, replace it with a **12k/2 Watt type**. This cures most power amp problems.

There should not be more than 100mVDC offset at the speaker output.

Check this before going further. Also check this every time you have a Sessionette:75 in for repair that has an AX120P MosFet power amp board installed.

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