



REPAIR/SERVICE REPORT

CSR NO.	DATE:
Customer Name	Address

NATURE OF PROBLEM

Problem Reported:
Intermittent Input Selector

Make: Arcam

Model: Alpha 9

Serial No.

SERVICE DETAILS

Amplifier powered and confirmed input selector quite badly intermittent with slightly noisy volume control also contributing to the issue.

Input selector switch desoldered from PCB and dismantled. Switch contacts quite sulphated so chemically cleaned and polished to restore silver plated contact surfaces, gold electroplated (approx 2 microns) and finally treated with 100% Caig Deoxit D100 contact treatment to provide long term future protection.

Volume, tone and balance controls all cleaned and treated with Caig Deoxit Faderlube. All other on board switches and headphone socket treated with Caig Deoxit D5 contact treatment. 4 electrolytic capacitors in regulated power supply replaced as all 4 were found to be failing. Both speaker relays removed and tested ok. PCB closely inspected under magnification for any other issues and none found. Hairline crack on fascia upper right edge stabilised from the inside with epoxy to prevent further migration.

All inputs including phono stage fed with test tone and selector switching cleanly between all sources and all controls quiet in operation. Remote control functionality tested ok. DC offset on both channels measured at <10mV. Frequency response measured and exceeds original spec of 20Hz to 20Khz \pm 0.5dB. Quiescent bias measured on both channels and within Arcam specification. Distortion at 60W 1Khz into 8 ohms measured at less than 0.01%. Power tested into 8 ohm load – 80W obtained per channel prior to clipping (measured at 1% THD point) with both channels driven with tone at 1Khz.

Amplifier reassembled, cleaned externally and followed by a 6 hour successful power test into speakers with no further anomalies.

INVOICING/PAYMENT

Repair/ Servicing – Alpha 9 Integrated : £

Invoiced via Paypal

All work carried out and parts used guaranteed for 3 months.