

1013

Updates and changes to be done to ALL BA-660's

- ✓ 1. Correct Gain Cell Drive: Install 25k pot and 20k0 Resistor From -24v to Cathode constant current driver of V3
- ✓ 2. Correct Output Level trim: Change R107 from 4k99 to 4k23/12 ? (~~Choose by measurement.~~) *CHANGE MIC R107 20K → 33K*
- ✓ 3. Correct Attack Current source gain: Change R284 from 221k to 22k1
- ✓ 4. Correct extreme heat sensitivity: Replace D20, D59 with 1n4148
- ✓ 5. Correct Clip light levels: *3k24* → 1st stage-Change R344 and R345 from 11k to 4k99 **Add GND!** → 2nd Stage- Change R402 & R419 from 11k to 4k99
- 6. Verify bias point of 2nd stage@ U15-1 >-22&+22< Set with R38 249-255
- 7. Set Insert detect K7 to reliable switch New: Replace Q2 with 2n5401 Old: Find appropriate value
- for R56 to reliably turn on Q2 and NOT light LED!
- 8. Correct OP Stage Freq response HF Rolloff? Change C5 and C149 from 1n
- 9. Reduce Threshold adjustment drift Replace D25 with 1n4148

OLD UNITS ONLY

- 10. Remove Humidity induced distortions TOP and BOTTOM CONFORMALLY COAT MOTHER PCB
- ✓ 11. Improve GR Cathode pullup zener reliability watt Replace R160 with 100k 2
- ✓ 12. Reduce GR Noise Add 1u/35v Tant across Z13
- 13. Improve tip in adjustment range Change R6 from 15K to 33k,
- ✓ 14. Center Gain Control DC Ranges Change R270 from 137k to 150k, Change R333 from 10k to 27k
- 15. Remove OP Balance switch and Replace with Xformer Remove Sw12, K11 and K12, U1 and Install Jensen JT-11BM in at place of R26 and R32

→ SHORT PIN 7 + 8 @ K11 + K12

16. Correct LF MIC Pre Response
PARALLEL 220N ACROSS C36/C37
(+ TO REAR OF CHASSIS)