

AMC™ CVT3030 / CVT2030

TECH NOTES

POWER AMPLIFIER ADJUSTMENTS

Important Notes Before Making Adjustments:

1. Make sure the primary voltage is set properly (110V - 220V)
2. Set the "PHONES/NORMAL/DIRECT" switch (on CVT3030 only) to the "PHONES" position, which mutes the amplifier.
3. Turn **VR502** fully counter-clockwise and **VR503** fully clockwise.
4. Unit must be pre-heated for at least 5 minutes.

A. Center Voltage Adjustment

1. Connect a D.C. voltmeter between point **A*** (the junction between the drain of Q508 and R517) and point **B*** (the junction between the drain of Q509 and R519)
2. Adjust **VR501** for a voltmeter reading of 0 volts, +/- 5 volts D.C.
3. Repeat the above procedures for other channel.

B. Bias Current Adjustment

1. Connect a D.C. voltmeter between point **C1*** (the plate of tube V502) and point **D*** (the B+ supply).
2. Adjust **VR502** for a voltmeter reading of 6 volts D.C.
3. Connect a D.C. voltmeter between point **C2*** (the plate of tube V501) and point **D*** (the B+ supply).
4. Adjust **VR503** for a voltmeter reading of 6 volts D.C.
5. Repeat the above procedures for other channel.

