**Micor Power Mods**

- Convert a Micor Unified Chassis from 12/9.6V operation to 12V only operation

- Add a LM317 regulator to the chassis to provide the required 9.6V (max 1A)

- Regulator is mounted inside the chassis, behind the Audio and Squelch Board, to the left of the receiver pre-amplifier (if equipped).

- Insulating hardware and thermal washer MUST be used!

- Adjust to Vout resistor is 255ohm; Adjust to GND resistor is 1k69ohm

- 0.1uF bypass cap between Vin and GND; 100uF cap between Vout and GND
- Connect to power connector on rear of chassis

- Jumper Audio A+ (J1-1) to A+ (J1-6) and connect to regulator Vin

- Jumper Audio GND (J1-5) to GND (J1-4) and connect to regulator GND

- Connect regulator Vout to 9.6V (J1-3)
- Jumper TB3-10 to TB2-1 (A+ connections); ensure trace between TB3-10 and A+ pin on rear of chassis exists

- Jumper TB3-1 to TB2-2 (A- connections)

- Supply power to the chassis via the TB2-1 (A+) and TB2-2 (A-) connections