



### CALIBRATION

- A. 1. Set Mode slide switch to Multiply position.
- ... 2. Turn mix control to Mod. (CW)
- ... 3. Apply sinewave signal to Carrier In.
- ... 4. Adjust Carrier Null trimpot (front panel) for minimum signal output.
- B. 1. Remove signal from Carrier Input and apply to Signal Input.
- ... 2. Adjust Signal Null trimpot (on PCB) for minimum signal output.
- C. 1. Switch to Square Mode and check for doubled input signal frequency.
- ... 2. Turn mix pot CCW (Signal) to hear fundamental frequency.

### NOTES:

If regulators are not needed/used, do not install the associated components such as C7, R25, R27, R28, and D1 for the LM317, and C11, R29, R31, R32, and D3 for the LM337.

Solder a jumper between the IN and OUT pins respectively in place of the unused regulator, pins 2 and 3 in each case.

The LEDs and respective current limiting resistor only need to be installed if the circuit load is insufficient for the respective regulator.

See the LM317 and LM337 data sheet for minimum load specifications.

NOTE: This module uses +12 and -12 volts, not -10 volts. This is unlike the other modules.

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