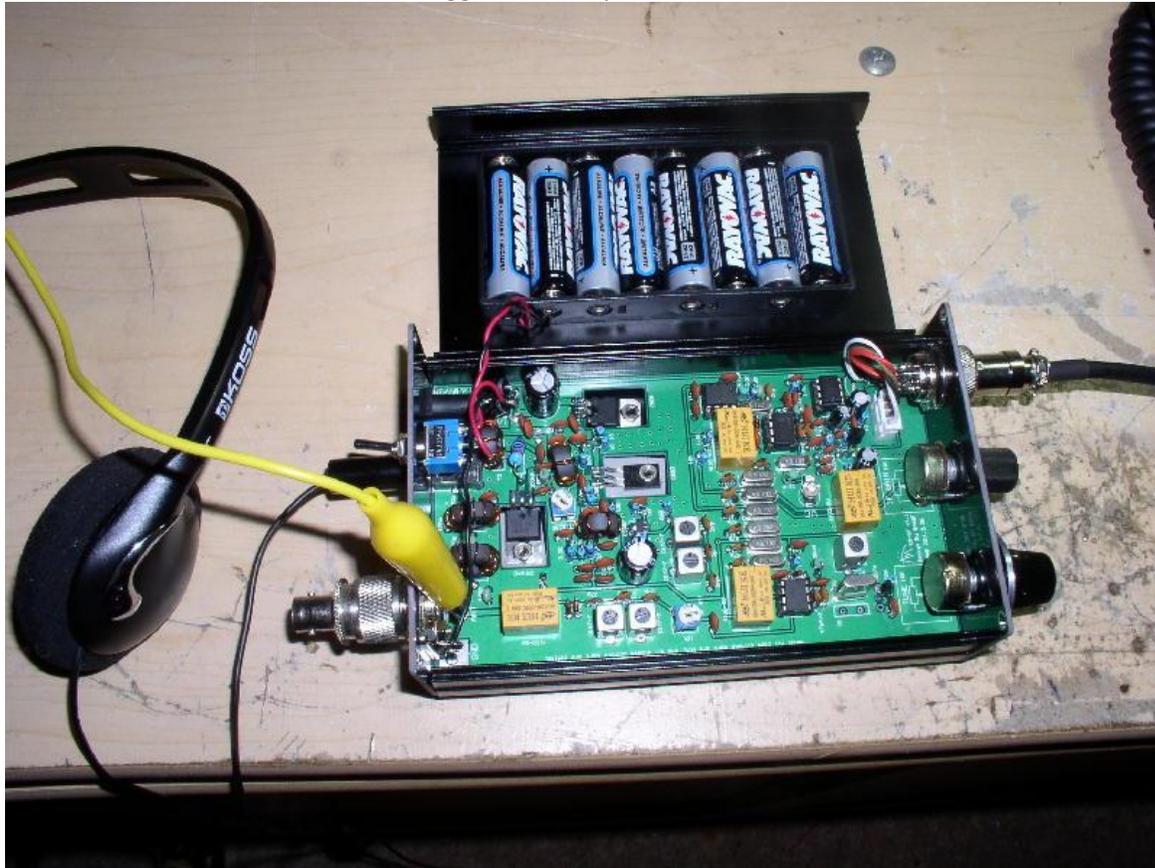


## Internal Battery Supply

By Larry Lovell – N7RGW

Thanks to Jeff Smith (WBOYBX) for suggestion and photo



Adding an internal battery supply makes for a very compact and complete unit.

The Radio needs 12 volts to operate properly. This can be supplied by 8 AA type batteries as shown in picture.

PARTS:

- 1) Battery Holder
- 2) SPST Switch (to power battery pack on/off)
- 3) 8 AA batteries can be rechargeable type.

Assembly:

- 1) Drill hole in rear panel to mount SPST switch.
- 2) Mount battery holder on case top being careful not to impact components in radio.
- 3) Connect Black wire (negative) to ground of PC board.
- 4) Connect Red wire (positive) to switch
- 5) Connect other end of switch to power supply diode.

This method will not permit the recharging of batteries while radio is off. Additional modification to DC plug and PC board would be necessary if recharging is desired.