






How to power the Backlite

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|  <p>Green Current should be about 80ma.</p> | <p>From a 5volt supply connect 7.5 ohm resistor to pin 15 and ground to pin 16. Current too high to be taken from the counter board regulator.</p> |
|  <p>Blue one line Current should be about 15ma.</p> | <p>For a 5Volt supply connect 5V to pin 16, ground to pin 15. Current is less than 30ma and can be taken from the counter board regulator.</p> |
| <p>16 characters customer choice such as: your NAME your CALL SIGN</p>  <p>FREQUENCY and MODE display</p> <p>Blue two line Current should be about 15ma</p> | <p>For a 5Volt supply connect 5V to pin 15, ground to pin 16. Current is less than 30ma and can be taken from the counter board regulator.</p> |
|  <p>Red Current should be about 130ma.</p> | <p>From a 5volt supply connect 7.5 ohm resistor to pin 15 and ground to pin 16. Current too high to be taken from the counter board regulator.</p> |
|  <p>White Current should be about 30ma</p> | <p>From a 5volt supply connect 33 ohm resistor to pin 15 and ground to pin 16 Current is about 30ma and can be taken from the counter board regulator.</p> |

For voltages greater than 5V compute resistor

$R = (\text{supply voltage} - 4) / \text{current}$

resistor should be at least twice the rating of actual dissipation.