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CRE57091 PWC-LINEAR BOARD

The PWC to Linear board is design to completely removes the PWC / PWM waveform from the Super Base Station CRE57005SD/SS so that it supply truly Linear power. This unit solve any problems associated with equipment that does not work well or at all with PWC / PWM power.

The PWC / Linear board I is about 3 1/4 " L and 1 1/4" W



Fig 1

The PWC / Linear board is 1 1/2" H

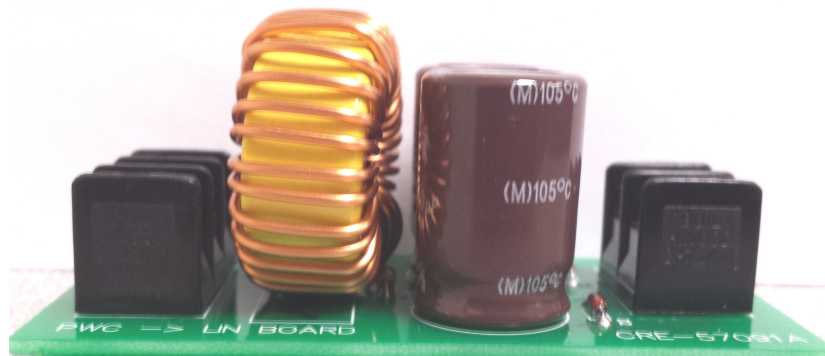


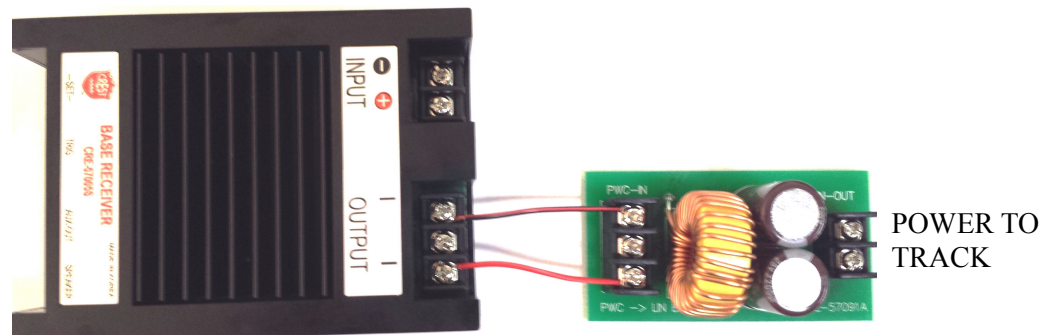
Fig 2

This unit have screw terminals, on one end has three screw terminals labeled '**PWC IN**' and the other end has two screw terminals labeled '**LN-OUT**'. NOTE do not use the center in-put screw terminal. The polarity of the output is not fixed, but follows the polarity of the Input voltage. If the direction of travel is changed the polarity changes as well.

At first glance you might be concerned about there being two polarized capacitors on the board without a bridge rectifier to protect them from incorrect polarity on the input side of the board. Since the capacitors are wired back to back with their negative leads tied together they perform as though they are a non-polarized capacitor. This is a nice solution as it removes the need for a bridge rectifier that would have dropped the output voltage from the Base Station and had the potential to generate considerable heat when used with larger engines.

To hook up the Super Base Station to the PWC / Linear board see Fig 3. This Super Base Station CRE57005SD/SS has three screw terminals on one end for power output. Attach two wires to the two outer screw terminals and the other end to the CRE57091 PWC input screw terminals.

Fig 3



For more on how to operate the Super Base Station please refer to the CD manual or go to the our web site and download the manual, under support.



A cooling is recommend use with the Base Station when usage over 7 amp