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www.WirelessMicroColorCam.com

DCC/BEC Installation Instructions

DCC/BEC

Installing the **DCC/BEC** is very easy. If you are going to install the circuit board on a metal surface make sure that you place two layers of plastic electrical tape or one layer of double sided foam tape on the surface first to prevent any electrical shorts. After mounting the circuit board, connect the two wires to the wheels of a truck that will pick up the track voltage. These two wires are not polarity sensitive. The small coaxial power plug is tip positive and will plug directly into the camera power connector. Connect the camera to the **DCC/BEC**. You are now ready to enjoy the freedom of **battery-less** operation of your **WirelessMicroColorCam**. Your camera will work as long as the track has DCC, TMCC, or DCS power applied. This circuit board will also work with most PWC systems and DC systems as long as the voltage is above 11 volts. **Please Do Not use the hole in the tab on the large black component to mount the circuit.**

Thank you for purchasing our products. Send us a videotape of your layout shot with the WirelessMicroColorCam System.

Keep checking our web site for new and exciting products.

www.WirelessMicroColorCam.com

SJT Enterprises

PO Box 753

Bartonsville, PA 18321

570-620-9080

DCC/BEC
Instructions
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WARNING:
DO NOT CUT OFF THE POWER CONNECTOR ON THE CAMERA

The female power connector on the camera has a small PC board with a 5-volt regulator circuit embedded in the black plastic. The camera circuitry uses 5 volts and the transmitter in the camera uses 9 volts. If you cut the connectors off you will find that the camera power cable has three or four wires, 5 volt, 9 volt, and ground. The battery cable only has two wires, 9 volts and ground. It is possible to very carefully remove the black plastic from the camera power connector with an exacto knife to remove the small PC board and wire it direct to the 9 volt battery lead. This is not for the faint of heart and you could damage the unit and void the warranty. We offer a modification service to remove the Power Connector on the camera. The cost of this service is \$15.00 including return postage. If you prefer that we make this modification for you pack the camera and one 9-volt battery clip in a padded envelope and mail it to us with a check for \$15.00. We will perform the modification and return your camera to you the next business day. Please include your return shipping address.

Make checks payable to: SJT Enterprises

Shipping Address: SJT Enterprises
PO Box 753
Bartonsville, PA 18321