



Prodigy Advance Wireless Conversion Set, {item # 0001412}

Thank you for purchasing the finest “Duplex” Radio Control System on the market today. Our exclusive “Total Control Radio System”, (TCRS), will greatly enhance the operating capabilities of your Prodigy Advance, Express, and Prodigy Advance² (Squared) DCC Systems.

Your Prodigy Advance Wireless Conversion Set consists of a receiver unit, a wireless handheld transmitter, four-rechargeable, 600 mAh, NiMh “AAA” batteries, and a short cord for recharging the wireless handheld.

The receiver unit simply plugs into any handheld port on your base unit or extension plate. Only one receiver is needed regardless of how many wireless handhelds you are using. For best operation, the receiver unit should not be placed under the layout in a tangle of wires or where scenery *mesh screening* may interfere with the radio transmissions.

The wireless handheld comes complete with on-board rechargeable batteries. The battery level should be checked prior to using the handheld for the first time. Best operation is accomplished with fully charged batteries.

There is a “Power Switch” on the right side of the handheld, and the handheld should be switched “off” when not in use to conserve battery life, and when recharging the on-board batteries, [although you can use the handheld while recharging the batteries, this increases the charge time]. The handheld has the same cable connection on the bottom as the tethered handhelds, and to recharge the batteries, simply plug the supplied short cable into the bottom of the handheld, and the other end of the cable into your base unit. You are still able to use all the features of this handheld, [as a tethered handheld], while the batteries are recharging. If you wish, you can substitute four “AAA” alkaline batteries for use. Normal charge time with the handheld powered “off” will be approx. 5 hours.

Note: Do not mix alkaline and rechargeable batteries together, and do not attempt to recharge alkaline batteries inside the handheld!!!!

If you change the supplied rechargeable batteries with rechargeable batteries that have a higher mAh rating, both the operating time and the charging time will increase.

The wireless handheld has the same family look as all the other Prodigy Advance/Express handhelds, but has a few more features for convenient use.

Note: You must assign an individual address for wireless handhelds. They cannot be assigned the same addresses as your tethered handhelds if they are being used at the same time.

You can do everything with this wireless handheld that you can do with its tethered cousins: program on a program track; or program on the main; acquire and run all locos; set up consists & routes; and access accessory decoders. Button layout is as familiar as the Prodigy Advance handheld, with the addition of three “new” buttons:

“Prog CV On Main”- This button lets you automatically go into CV programming of the locomotive you are presently operating without having to press the “program” button and “enter” button numerous times to reach this feature. You can enter this programming mode, change the decoders’ parameters, and exit the program mode anytime you want and as many times as you want.

“Save”- This button is used to save your current locomotives to your recall stack before switching off the power switch to the handheld, and shutting your base unit power off. Enter your locos’ road numbers as you would normally with any of the tethered handhelds, and just press the “save” button.

Note: just turning off the wireless handheld power switch does not automatically save your locomotives in the recall stack for your next operating session.

“Bat Voltage”- This is your battery voltage indicator button. Just press it to monitor the voltage level present in the on-board batteries, [the display will show **bv** and the voltage level]. 5.5 volts is maximum voltage, and the handheld should be recharged anytime the indicator read 4 volts or below.

Return Procedure

Please contact Model Rectifier Corp. at 732-225-6360 if you experience any problems with your Wireless Conversion Set before sending it in for repair. If it should become necessary to return your Wireless Conversion Set, please include a letter, [printed clearly], with your name, address, daytime phone number, and a detailed description of the problem you are experiencing. Please also include a \$10.00 check to cover shipping and handling.

Be certain to return only the Handheld and receiver.

Warranty does not include abuse, neglect, or using this product for anything other than its intended purpose. Warranty coverage will be handled on a case-by-case basis, and other charges may apply for repair/replacement of the product.

Send it to:

**Model Rectifier Corp.
80 Newfield Ave.
Edison, N.J. 08837
Attention: Parts and Service**

