

SoloRain TM  
PG Radio Adapter  
Model 8060

Fig 0 goes here

900-06211  
Rev 6-98 1998 L.R. Nelson Corporation

## INTRODUCTION

Thank you for selecting the Nelson 8060 PG Radio Adapter. Please read the following instructions carefully to get familiar with important precautions and installation instructions. If you have any questions regarding your SoloRain PG Radio Adapter please call our technical assistance hotline 800-NELSON8 (inside USA) or 309-690-2200 (outside USA).

## INSTALLATION

The 8060 PG Radio Adapter can be installed with any Model 8051,8052,8054, or 8056 PG Multi-Station Actuator. For this installation you will need the 8060 PG Radio adapter, any model PG Multi-Station Actuator, your 8081 Radio Programmer Plus, and a high quality 9V alkaline battery such as Energizer TM . \* Please follow the following steps to correctly install the 8060 PG Radio Adapter. Refer to figure 1 as needed.

**Step 1)** Connect the coiled telephone cord from the Model 8081 Radio Programmer Plus into the telephone jack inside the PG Multi-Station Actuator.

**Step 2)** The 8060 PG Radio Adapter has two 9V **connectors** with and tags. Identify them at this time.

**Step 3)** Connect the 9V **connector** from the 8060 with the 9V tag to the 9V **battery** as shown in figure 1.

**Step 4)** Connect the 9V **connector** from the 8060 with the                      tag to the 9V

**connector** from inside the 8060 as shown in figure 1. The 8081 Programmer should now indicate a connection to the PG Multi-Station Actuator.

**Step 5)** You must input a 3 digit actuator ID (identification) . Use key on the 8081 Programmer to display the menu. Choose 5 "Actuator ID" from the menu on the 8081 Programmer and input the code. Use to return to the menu. Each actuator in the system must have a unique ID for proper radio operation.

You must remember the 3 digit ID in order to radio connect to this unit. The ID can be reset at any time by connecting with the telephone cord and choosing "Actuator ID" from the menu.

**Step 6)** Disconnect the coiled telephone plug from the telephone jack inside the PG Multi-Station Actuator.

**Step 7)** Connect the 8060 telephone cord to the telephone jack inside the PG Multi Station Actuator.

**Step 8)** Insert battery and wires inside the PG Multi-Station Actuator.

**Step 8)** Install the 8060 unit securely to the PG Multi-Station Actuator to insure a waterproof seal.

**Step 9)** Secure the unit to the valve and solenoid as in figure 2 for best radio operation. Installation as shown in figure 3 could result in poor radio operation.

Figures 1,2 and 3 go here

\* (Energizer TM is the registered trademark of the Eveready Battery Co., Inc.)

## **COMMUNICATION**

The PG/8060 unit can now communicate with the 8081 Programmer unit. All programming and manual operations can now be controlled via the 8081 Programmer radio connection. The range of signal will be between 6 meters installed in ground and 30 meters above ground. Actual performance will depend on terrain and the installation configuration.

The PG/8060 unit has 2 levels of security to protect against tampering.

- 1) You must know the Actuator ID to connect with the unit.
- 2) The 8081 Programmer has a 4 digit "Programming code" that is set by the user. This code is automatically input to the PG Multi-Station Actuator when the Actuator ID was set. If the "Programming code" has been changed you must connect by telephone cord to the PG Multi-Station Actuator to reset the code.

**INFORMATION TO USER** (Section 15.2 1)

The user is cautioned that any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

FCC ID: NYD8060

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

**NELSON WARRANTY**

Standard electronics warranty verbiage