



SOLORAIN™ WIRELESS CONTROL EQUIPMENT



8010 Series
Programmable Actuators



8030 Series Remote
Programmable Actuators



8050 Series Multi-Station
Actuators



8070/8080 Series Programmers

The Nelson SoloRain™ family includes battery-powered, programmable irrigation control equipment. The Solo in SoloRain™ stands for Smart-On-Location-Operation. And that's exactly what you get with this versatile new system – watering without wiring.

Introduced in Europe by Micro Process Applications, the 8010, 8030 and 8050 Series of programmable actuators combine a number of technological innovations to deliver precise, reliable control without conventional electrical wiring. And SoloRain™ programmable actuators are completely waterproof for total confidence and dependability.

SoloRain™ wireless control equipment is ideal for watering areas where it is not practical or economical to install a central controller. It is also suited to the retrofit of manual systems or the repair of existing wired systems. Adapters make the SoloRain™ actuators compatible with most valves. For best performance, choose the actuator already installed on a 1" Nelson valve.

FEATURES

8010 SERIES

PROGRAMMABLE ACTUATORS

Model 8010 Programmable Actuator with Nelson adapter

Model 8012 Programmable Actuator with
Nelson 7901 1" valve

Model 8013 Programmable Actuator with
Nelson 7916 1" valve, BSP threading

- ▶ **Totally waterproof** actuator and battery compartment – submersible in up to six feet of water
- ▶ **Compact, durable** nylon with safety cover
- ▶ **9 volt alkaline battery** lasts up to one year
- ▶ **Latching solenoid** design for minimal electrical consumption
- ▶ **No AC wiring** prevents damage from lightning and power surges
- ▶ **Valve adapters** for almost universal compatibility (sold separately)
- ▶ **Three scheduling dials** for fast, easy programming
- ▶ **Programmable clock** for current time
- ▶ **Automatic watering** up to two times per day
- ▶ **Watering times** from one minute to five and a half hours
- ▶ **Manual ON/OFF**
- ▶ **Two-year warranty** on materials and workmanship

8030 SERIES REMOTE PROGRAMMABLE ACTUATORS

Model 8030 Remote Programmable Actuator with
Nelson adapter

Model 8032 Remote Programmable Actuator with
Nelson 7901 1" valve

Model 8033 Remote Programmable Actuator with
Nelson 7916 1" valve, BSP threading

- ▶ **Totally waterproof** actuator and battery compartment – submersible in up to six feet of water
- ▶ **Compact, durable** nylon with safety cover
- ▶ **9 volt alkaline battery** lasts up to one year
- ▶ **Latching solenoid** design for minimal electrical consumption
- ▶ **No AC wiring** prevents damage from lightning and power surges
- ▶ **Valve adapters** for almost universal compatibility (sold separately)
- ▶ **Programming interface** through telephone cord connection to 8070 Programmer or 8071 Programmer Plus
- ▶ **Program stored** during battery change
- ▶ **Automatic watering** up to 16 cycles per day
- ▶ **Watering times** from one minute to 24 hours
- ▶ **Seven day or fourteen day** programming calendar
- ▶ **Manual program** up to 240 minutes
- ▶ **Manual STOP**
- ▶ **Interruption of watering** (Rain mode)
- ▶ **Two-year warranty** on materials and workmanship



8010 Programmable Actuator



8012 Programmable Actuator with Nelson 7901 1" valve



8030 Remote Programmable Actuator



8032 Remote Programmable Actuator with Nelson 7901 1" valve



8050 Series PG
Multi-station Actuator



8060 PG Radio
Adapter

VALVE COMPATIBILITY CHART

Model 8010 or 8030 or 8090 <i>sold with Nelson adapter</i>
<i>compatible with Nelson's NE adapter:</i>
7901 / 7916(BSP)
7911 / 7917(BSP)
7931
7941
7951 / 7971(BSP)
7952 / 7972(BSP)
7953 / 7973(BSP)
7981 / 7991(BSP)**
7982 / 7992(BSP)**
*Model 77422: Hardie adapter only
Hardie 100, 700, 2400
Hardie 623 DPR**
Richdel 205TF, 711APR, 713 APR
Irritrol 216
Superior 950, 800
Hit 510
Buckner 20021, 20321
Bermad 1"
Dorot 1"
Griswold 1"
Galcon 1"
*Model 77423: Toro adapter only
Toro Flo-pro
*Model 77424: Rainbird adapter only
Rainbird PEB, DV, DVF, ASVF, EFB-CP, GB, PGA

* Models 77422, 77423 and 77424 are sold separately
** No adapter required for these valves

FEATURES

8050 SERIES PG MULTI-STATION ACTUATORS

- Model 8051** 1-zone PG Multi-Station Actuator
- Model 8052** 2-zone PG Multi-Station Actuator
- Model 8054** 4-zone PG Multi-Station Actuator
- Model 8056** 6-zone PG Multi-Station Actuator
- Model 8060** PG Radio Adapter

- ▶ **Waterproof** submersible in up to six feet of water
- ▶ **9 volt alkaline battery** lasts up to one year
- ▶ **No AC wiring** prevents damage from lightning and power surges
- ▶ **Mounting clip** provides rapid, tool free installation
- ▶ **Valve compatibility** almost universal with adapters (sold separately)
- ▶ **Programming interface** through telephone cord connection to 8070 or 8071 programming consoles (8050 series)
- ▶ **Radio interface** to 8081 or 8082 programming consoles (with 8060 Radio Adapter)
- ▶ **Program stored** during battery change
- ▶ **Automatic watering** up to 16 cycles per day
- ▶ **Watering times** from one minute to 24 hours
- ▶ **Seven day or fourteen day** programming calendar
- ▶ **Manual program** up to 240 minutes
- ▶ **Manual STOP**
- ▶ **Interruption of watering** (Rain mode)
- ▶ **Two-year warranty** on materials and workmanship

8090 SERIES ACCESSORIES FOR PG MULTI-STATION ACTUATORS

- Model 8090** Latching solenoid with Nelson adapter
- Model 8092** 3/2 Hydraulic solenoid
- Model 8093** Waterproof battery
- Model 8094** Rain sensor
- Model 8095** Pump relay

FEATURES

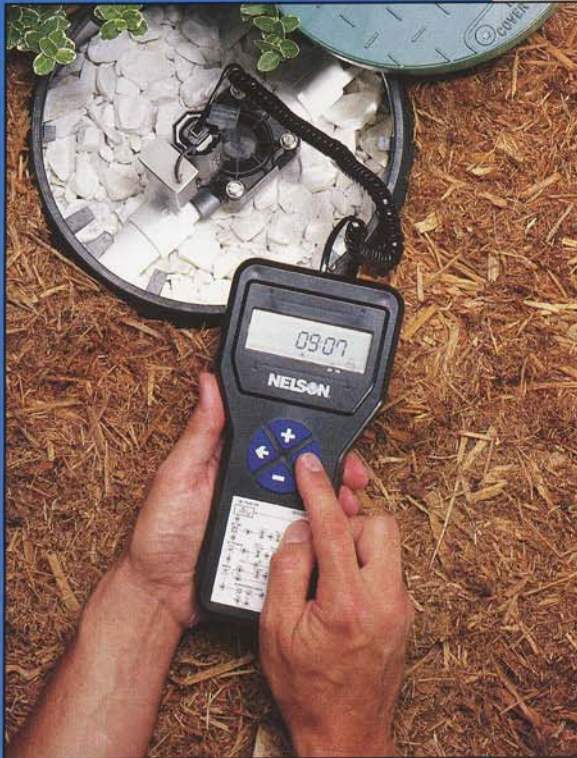
8070 & 8080 SERIES PROGRAMMERS

Model 8070 Programmer console

Model 8071 Programmer Plus console

Model 8081 Radio Programmer Plus console

- ▶ **Pictogram LCD display** provides excellent visibility
- ▶ **Four conductive rubber button keypad** with audio response
- ▶ **Water-resistant**, polycarbonate housing and protective carrying case included
- ▶ **9 volt alkaline battery** lasts up to two years
- ▶ **12 or 24-hour internal clock** with synchronizing function
- ▶ **Watering times** from one minute to 24 hours
- ▶ **Seven day or fourteen day programming calendar**
- ▶ **Independent programming** of each programmable actuator (8070, 8071, 8081)
- ▶ **Manual START/STOP**
- ▶ **Program review**
- ▶ **Interruption of watering** (Rain mode)
- ▶ **Memory retained** during battery changes
- ▶ **Two-year warranty** on materials and workmanship



8070 Programmer console



8071 Programmer Plus console



8081 Radio Programmer Plus console



NELSON®

L.R. Nelson Corporation
One Sprinkler Lane
Peoria, IL 61615

999-00369
Printed in U.S.A.
© 1997 L.R. Nelson Corporation