PCW CONTROL SERIES

COMPUTER-CONTROLLED

**12 STATION
OUTDOOR/INDOOR
(EXPANDABLE TO 48-STATIONS)**

The first of its kind, Irritrol's computer-controlled residential controller increases the professional installer's sales, installation and service productivity while providing the highest level of end-user convenience.

KEY FEATURES & BENEFITS

PC-COMPATIBLE SCHEDULING SOFTWARE
User-friendly software that is precise, flexible, and intuitive with its computer interface

2-WAY HANDHELD REMOTE WITH DESKTOP STAND
Provides the convenience of wirelessly programming the controller in the garage from the desk in the user's home office or den.

SCHEDULING ADVISOR™
Saves water automatically by adjusting the irrigation schedule when set to receive the online weather data

INTERNET COMPATIBILITY
Allows the owner to send schedules over the Internet. The installer or Irritrol Tech Support can alter the program and return it to the client

12-STATION CONTROLLER WITH 2-WAY RADIO MODULE
Acknowledges the receipt of a new program, stores it in memory and automatically runs it according to schedule. Controller installation and field wire hookup are the same as a conventional controller

SELECTABLE PERSONAL ID NUMBER (PIN)
Unique, selectable number for each system's security prevents overlapping instructions from another PCW Control system and reduces the chance of unauthorized program entry

SYSTEM EXPANDABILITY UP TO 48 STATIONS
To meet the need for larger systems, 12-station indoor or outdoor "add-on" controllers within range of the 2-way radio modules can be added. The system sees station #1 on the second controller as zone #13

LANDSCAPE LIGHTING CONTROL
Allows up to 3 zones to be designated to run relays for control of landscape lighting. (Controller does not supply main power to the lighting.) SR-1 Pump Start Relay is recommended

CONTRACTOR SETTINGS DEFAULT
With a click of the mouse, the owner can reactivate the installer's original program

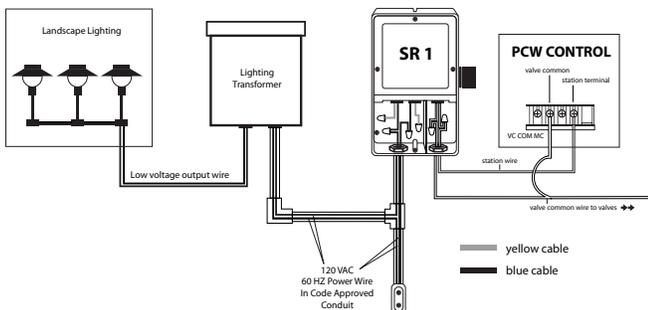## AVAILABLE IN BOTH INDOOR AND OUTDOOR MODELS

Indoor model   Outdoor model

EASY SYSTEM EXPANSION UP TO 48 STATIONS

Up to four controllers can be spaced throughout the property

CONTROL LANDSCAPE LIGHTING, TOO!

WIRING DIAGRAM FOR LANDSCAPE LIGHTING ZONE

Landscape Lighting

Lighting Transformer

SR 1

PCW CONTROL
valve common
station terminal
VC COM MC

station wire

valve common wire to valves

Low voltage output wire

120 VAC 60 HZ Power Wire In Code Approved Conduit

yellow cable
blue cable

ELECTRICAL SPECIFICATIONS

- Transformer input: 120 V ac, 60HZ
- Transformer output: 24 V ac (30VA)
- Maximum output per station: 24 V ac, .4 amp
- Maximum total output: 24 V ac, 1 amp (including master valve)

MODELS

Model	Description
PCW-12-INT-PAK	12-Stn. indoor controller, remote, disk
PCW-12-ADD-INT	12-Stn. add-on controller (indoor)
PCW-12-EXT-PAK	12-Stn. outdoor controller, remote, disk
PCW-12-ADD-EXT	12-Stn. add-on controller (outdoor)
PCW-R	Remote, stand, USB cord and disk

DIMENSIONS

- Outdoor: H: 13″,   W: 7″, D: 4 ¼″
- Indoor: H: 12 $^1/_8$″, W: 6 $^1/_8$″, D: 3″

SYSTEM REQUIREMENTS

- Windows-compatible PC
- Windows XP Home Edition, XP Professional, Vista or Windows 7 (must have Microsoft .NET Frameworks 3.5 or later)
- Available USB 1.0 (or greater) port
- 900 MHz CPU
- 64 MB RAM and CD-ROM drive
- 20MB free hard disk space
- 1024 x 768 64k color display/monitor (800 x 600 minimum)
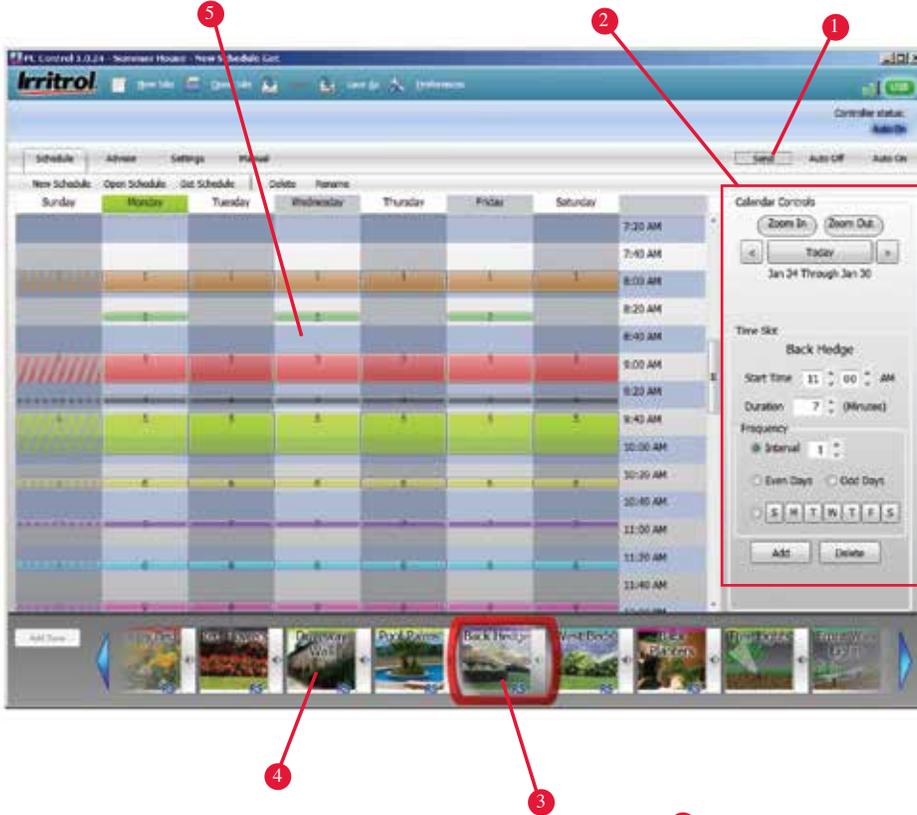- Keyboard and pointing device (mouse)
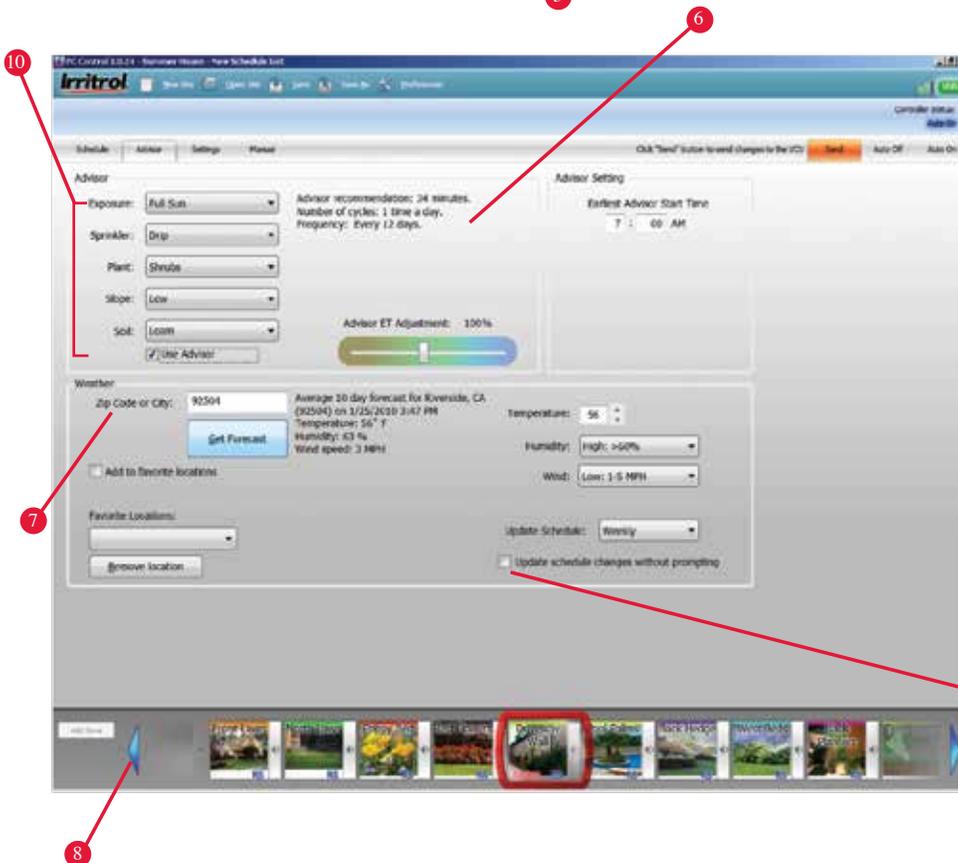- Internet connectivity (high speed)

SPECIFYING INFORMATION

PCW — 12 — XXX — XXX

MODEL	STATIONS	CONFIGURATION	OPTIONS
PCW - PCW Control Controller	**12** - 12 Station	**EXT** - Outdoor **INT** - Indoor	**ADD** - Add-on controller **PAK** - Includes remote and disk
Example: A PCW Control 12 station, outdoor model = **PCW-12-EXT-PAK**			

EXPERIENCE THE SIMPLICITY OF PCW CONTROL.

1 Send changes to the controller

2 "Back Hedge" watering schedule:
- Start: 11:00 am
- Run: 7 minutes
- Day interval "1" (every day)
- Odd or even water day option
- Week day watering option

3 Current zone selection "Back hedge"

4 Zone buttons with digital photos of each zone

5 Scheduling calendar:
- Shows each zone's:
  - Water days
  - Start time
  - Watering duration
- Drag and drop zones on the calendar with your cursor

6 Provides a recommended watering program each time it receives a weather update

7 Enter zip code and send for online weather data

8 Move zone buttons for selection

9 Automatically update schedule using weather information just received

10 Enter site-specific information for each zone

EASY MAINTENANCE USING HAND-HELD REMOTE

Easy system maintenance or troubleshooting using the convenient hand-held remote. Make on-site schedule changes with your laptop and remote without garage access.

CUSTOMIZE YOUR SEMI-AUTOMATIC PROGRAMS AND STORE THEM FOR EASY ACCESS

OPTIONAL ACCESSORIES

- SR-1 pump start relay
- RS1000 wireless RainSensor™
- RFS1000 wireless rain/freeze sensor
- RS500 wired RainSensor™

LATEST SOFTWARE UPDATE

- Software version: On HELP page, click on UPDATES for latest version of software
- Send individual schedules over the Internet
- Diagnostic circuit breaker alerts user to short circuits right on zone photos
- Available as a FREE online upgrade

OPERATING SPECIFICATIONS

- Station run time: up to 24 hours (in hour and minute increments)
- Programs: 10 per zone (120 total)
- Watering day schedules selectable per zone: Any days-of-the-week watering, interval watering (selectable in 1-day increments) from daily to once every 30 days and Odd or Even date watering
- Day exclusion option for setting "non-water" days
- Hour exclusion option for daily non-watering hours
- Optional RainSensor™ for multi-controller systems: Connect sensor to controller #1
- RainSensor™ assignable per station
- Optional pump start relay for multiple controller systems: connect relay to controller #1 (for pump control)
- PIN number range: selectable from 0001 to 9999
- Range of two-way remote: 1,000' line-of-sight, less when obstructed or experiencing interference
- Customized semi-automatic programs
- For contractors: stores multiple customers schedules

PCW-12-INT-PAK
(includes transformer)