

Valley® Controls



RELIABLE

DURABLE

PRECISE

ADVANCED

RESPONSIVE



Valley Control Panels

TouchPro™



The TouchPro control panel with touch technology is designed to provide you with powerful yet user-friendly control of your center pivots. This control panel includes a full-color main screen that can be customized to show only those control features and management information that are important to your operation.

- Programming based on date, time, position, and other data
- Full-color main screen can be customized
- Designed for easy programming including: load management programming, graphical view of pivot position, end gun, and wide boundary positions
- Designed to meet extreme temperatures, high humidity, and transient voltage requirements



Compatible with:

- Center pivots
- Corners/Benders
- BaseStation2-SM
- Tracker™



Pro2



The technologically advanced Pro2 control panel gives you a simple set of tools for the highest level of control and monitoring, both in the field and remotely. This panel also features a patent pending Valley exclusive, Cruise Control, which allows automatic speed adjustment of your center pivot based on completing a defined number of degrees in a specific amount of time.

Compatible with:

- Center Pivots
- Corners/Benders
- BaseStation2-SM
- Tracker™

- Programmable functions based on date, time, and position
- Advanced diagnostics, such as system faults, error codes, and logs
- Backlit screen and keypad come standard
- Advanced sensory and auxiliary functions

Select2



With its programmable features, the Select2 control panel incorporates the same field-proven processor technology as the Pro2.

- Backlit screen and keypad come standard
- End gun, stop-in-slot, and auto reverse set in the panel
- Field sector controls to change water application for different crops or soils
- Auto restart on power, pressure, or both
- Pivot position reporting



Compatible with:

- Center Pivots
- Corners/Benders
- BaseStation2-SM
- Tracker™

AutoPilot Linear



The AutoPilot Linear control panel displays the position and direction of travel of the linear machine, allowing you to program linear operations based on those readings.

- Ability to change percent speed timer
- Turn primary and secondary end guns on/off
- Can program to change direction and stop
- Start/stop chemigation based on linear's field position



Compatible with:

- Linears
- BaseStation2-SM
- Tracker™



ClassicPlus

The ClassicPlus control panel offers easy-to-operate switches for manual operation.

Compatible with:

- Center Pivots
- Corners/Benders
- Linears
- BaseStation2-SM (w/PanelLink)

- Mechanical auto reverse
- Mechanical pressure switch to monitor for low pressure
- Percent timer dial to control application
- Optional mechanical switches to set pivot direction
- Can be upgraded to Valley Pro2, Select2, or AutoPilot Linear

Classic

The Classic control panel offers the lowest initial investment and provides push button, manual operation. It is designed for center pivots only.

- Push button operation
- Percent timer to control water application
- Optional mechanical switches to set pivot direction and monitor for low pressure



Compatible with:

- Center Pivots
- BaseStation2-SM (w/PanelLink)
- Tracker™

NEW! Valley TPMS (Tire Pressure Monitoring System)

Valley TPMS reduces costly downtime by preventing tire, rim, and wheel gearbox damage by alerting you when there is a low pressure situation.

- Sends alerts via email or text message
- Communicates air pressure information to Pro2 control panel or BaseStation2-SM
- Shows which tires need attention
- Will shut down machine if pressure reading falls below user defined threshold



Tire Pressure
Monitoring System

Valley® BaseStation2-SM

The most advanced and complete remote irrigation management in the industry from Valley Irrigation combines the ability to monitor soil moisture status with remote monitoring and control of center pivot and linear irrigation equipment. The BaseStation2-SM is a dedicated, centralized irrigation management system for your computer, custom-designed for your application by Valley Irrigation.

- Control and monitor one to hundreds of center pivots from your computer, Smartphone, or tablet
- Check pivot status and monitor soil moisture
- Generate reports that give you year-to-year comparisons
- Voice call-out
- Linears can be viewed and managed
- Updated linear mapping function includes drawings of hydrants, swing-around function, hose feed, and ditch feed
- Remote monitoring allows you to monitor all pivots on one screen to see an at-a-glance view of your pivot status
- PumpLink (Auxiliary Link) allows you to monitor data from a variety of pumps, sensors, valves, and other electrical components
- PanelLink allows you to use BaseStation2-SM with non-computerized Valley control panels and non-Valley panels



Soil Moisture Monitoring

- Irrrometer® WATERMARK® soil moisture sensors allow irrigation scheduling to avoid over or under watering the field
- Allows you to read the level of moisture present within the soil at various depths
- The Irrrometer screen within BaseStation2-SM shows soil moisture information for all of your fields where sensors are installed
- View more detailed readings and history at www.Irrrometer.com



Be everywhere at once with Valley BaseStation *Mobile*.

To see how BaseStation2-SM can put you back in control, request a FREE BaseStation2-SM demo today. E-mail your request to: basestation@valmont.com

Contact Valley Irrigation for your FREE BaseStation2-SM demo.

No more driving long distances or going through fields in the middle of the night to check or stop your irrigation equipment. With Valley TrackNET, the family of Tracker products, you can remotely communicate with your center pivots and linears via Internet, Smartphone, mobile phone, or tablet, significantly decreasing costs and wasted time. View the TrackNET demo at <http://ValleyTrackNET.com>.



TrackerLT

- Can be used on most brands of center pivots
- Utilizes GPS Position for programmable end gun and stop-in-slot positions
- Stops pivot
- Monitors direction, position, and water pressure (pressure transducer required)
- Create and set the speed for up to 9 sectors with the Independent Speed feature

TrackerPro

- Designed specifically for non-Valley, Valley Classic, and Valley ClassicPlus control panels
- Allows the integration of Valley and non-Valley panels into the same management system
- Monitors machine status and allows you to control start, stop and directional changes remotely



TrackerSP

- Can be used with the TouchPro™, Pro2, and Select2 control panels
- Reviews field diagnostics
- Monitors most remote features, including application depth, diagnostics, end guns, and field position
- Controls start/stop, water on/off, direction, and auxiliaries
- Communicates via cellular path
- Limited functionality with linear machines
- Now available in Spanish and French



Never miss a beat with Tracker Mobile.

The Tracker Mobile utilizes your Smartphone and the Internet to retrieve monitoring and control panel options from Valley Tracker products. To visit the Tracker Mobile website, log onto <http://m.ValleyTrackNET.com>.



See the inside back cover for a full overview of the Tracker options.

Global Positioning System (GPS)



GPS Position

GPS Ready control panels from Valley give you another choice in positioning your center pivots and linears. Based on position data the GPS receiver collects and sends position data to the GPS Ready control panel, allowing you to precisely apply different levels of water, crop fertility products, or other inputs within the same field.

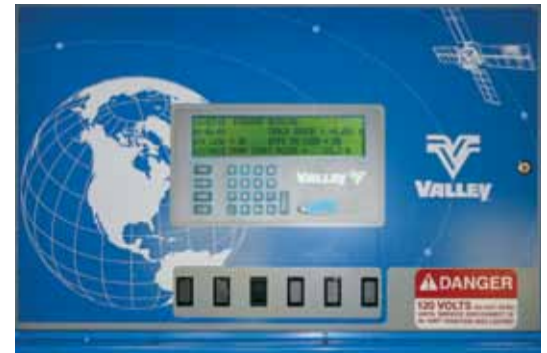
- Available with center pivots and linears
- Requires a GPS Ready control panel: TouchPro™, Pro2, Select2, or AutoPilot Linear
- Allows you to gather accurate data about the machine's position
- Can program control panels to apply different levels of water and crop protection/fertility products
- Is compatible with the NovAtel GPS receiver, which is a dual channel and does not require a correction to achieve +/- 10 feet
- WAAS (Wide Area Augmentation System) enabled Garmin receiver provides accuracy of +/- 10 feet with most installations reaching greater accuracy
- Offers a potential for higher yields and lower input costs because water is applied more efficiently



For Valley Linear and Corner Machines

GPS Guidance helps to eliminate maintenance issues associated with existing guidance options and minimizes variances in water application.

- Available with linears and corners
- Eliminates the need for below-ground, above-ground, or furrow guidance options
- Can easily program the field map with the custom Valley mapping tool to best match changes in farm practices or field boundaries
- Diverse platform supports multiple brands of RTK receivers, such as John Deere® and Trimble®
- Trimble RTK receiver is compatible with existing Trimble RTK networks and can be easily retrofitted to all corners and most linears



Control Options for You

	Direct Controls					Remote Controls			
	Classic	ClassicPlus	Select2	Pro2	TouchPro	TrackerLT	TrackerPro	TrackerSP	BaseStation2-SM
MONITOR									
Pivot on/off	✓	✓	✓	✓	✓		✓	✓	✓
Voltage	✓	✓	✓	✓	✓		✓***	✓	✓
Direction	✓	✓	✓	✓	✓	✓	✓	✓	✓
Auto Restart on/off		✓	✓	✓	✓			✓	✓
Safety	✓	✓	✓	✓	✓	✓	✓	✓	✓
Diagnostics	✓	✓	✓	✓	✓			✓	✓*
Application Depth			✓	✓	✓			✓	✓*
Speed	✓	✓	✓	✓	✓	✓		✓	✓
Water on/off	✓	✓	✓	✓	✓		✓**	✓	✓*
S I S on/off	✓	✓	✓	✓	✓			✓	✓*
VRI on/off			✓	✓		✓		✓	✓
Pressure	✓	✓	✓	✓	✓	✓***	✓***	✓*	✓*
End Gun			✓	✓	✓	✓	✓	✓	✓
Programs Running			✓	✓	✓	✓	✓	✓*	✓
Field Position			✓	✓	✓	✓		✓	✓*
Date			✓	✓	✓				✓*
Time			✓	✓	✓				✓*
Hours/Revolution			✓	✓	✓			✓	✓*
Auxiliary Control Status				✓	✓		✓*	✓*	✓*
Panel Lockout Status				✓	✓			✓	✓
SmartPhone						✓	✓	✓	
Alarm Feature					✓	✓	✓	✓	✓
Internet Connectivity						✓	✓	✓	✓
GPS Ready			✓	✓	✓				
Soil Moisture									✓
CONTROL									
Configurable Main Screen					✓				
Start	✓	✓	✓	✓	✓		✓	✓	✓
Stop	✓	✓	✓	✓	✓	✓	✓	✓	✓
Water on/off	✓	✓	✓	✓	✓			✓	✓
Application Depth			✓	✓	✓			✓	✓
Speed	✓	✓	✓	✓	✓	✓	✓	✓	✓
Direction	✓	✓	✓	✓	✓		✓*	✓	✓
S I S on/off	✓*	✓	✓	✓	✓	✓	✓	✓	✓*
S I S Angle			✓	✓	✓	✓	✓	✓	✓
End Gun Settings	✓	✓	✓	✓	✓	✓	✓		✓*
Auto Reverse/Auto Stop	✓*	✓*	✓	✓	✓		✓		✓*
Auto Restart		✓*	✓	✓	✓				✓*
Write/Edit Programs			✓	✓	✓				✓*
VRI Speed Control			✓	✓		✓	✓	✓*	
Cruise Control				✓					
VRI Zone Control				✓				✓*	
Enable/Disable VRI			✓	✓		✓	✓	✓	✓
Auxiliary Control	✓*	✓*	✓*	✓	✓		✓*	✓*	✓*
Sector Program Control			✓				✓		
Sequential Program Control				✓	✓				✓*

✓ = included ✓* = yes if control panel has functional capabilities ✓** = yes with pressure switch ✓*** = yes with transducer

Control Options for You (continued)

	Direct Controls					Remote Controls			
	Classic	ClassicPlus	Select2	Pro2	TouchPro	TrackerLT	TrackerPro	TrackerSP	BaseStation2-SM
DESIGN									
Modular		✓	✓	✓					✓
Touch Screen Interface					✓				
Warranty (years)	2	2	3	5	5	2	2	2	2
Transient & induced voltage protection			✓	✓	✓	✓	✓	✓	✓
NEMA 3R Industrial standards applied	✓	✓	✓	✓	✓	✓	✓	✓	✓

Control Conversion

A new control panel helps to eliminate electrical shutdowns and allows you to control your machine safely and efficiently.

Almost all center pivot brands can be updated with Valley control panel technology. Conversion opens the opportunities to utilize remote control and monitoring.

Look to Valley Irrigation to see how a panel upgrade can improve your performance for a minimal investment. Enhance your irrigation management options on either Valley® or non-Valley machines, all while conserving water and managing time.



Upgrade to Pro2 for Latest Features



Tower Box Conversion

Get a high value for a minimal investment. With a Valley tower box and alignment conversion, you have the capability to substantially reduce electrical shutdowns on older pivots, which means less downtime. Almost all pivot brands can be converted.

With a Valley tower box and alignment package, non-Valley pivots run reliably and durably.

Contact your local Valley dealer today for more information on a tower box conversion.



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See your local authorized Valley Dealer for complete details.



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