

OWNER'S MANUAL

The controller on your wall

Two buttons and a switch. This is what each one does, what the screen is telling you, and the few combinations worth knowing before you need them.

[See the controls](#)[The app guide](#)

Updated September 19, 2026

WHAT IS WHAT

Everything you can touch



1 Antenna

Cellular and satellite link.

2 Sun hood

Keeps the screen readable in daylight.

3 Status screen

The same reading as the app.

4 Left button

Wake · test run without foam.

5 Right button

Wake · test run with foam.

6 OFF / ON switch

Starts and stops the system.

THE SCREEN

One word tells you the state

The screen shows the same reading as the app, so what you see at the box is what someone looking at their phone sees. The color is deliberate: green is at rest, orange is something about to happen or winding down, red is water moving, blue is the controller working on itself.

READY

Armed and waiting. Valves closed, nothing running.

PENDING

Something has asked the system to start.

With a countdown, that is your delay running down and you can still stop it. Without a countdown, the step is already under way and the system moves on immediately.

ACTIVE

Running a full activation, with foam.

Shown in orange rather than red while a quick stop is working through.

NOFOAM

Running a full activation, water only. No foam is being drawn.

One word on the screen, exactly as printed.

TEST

A test run, with foam. Three loops through the zones, then it stops by itself.

TESTNF

A test run without foam — the same proving cycle, water only.

ENDING

Closing the valves and draining the lines. Not a fault; it settles back to READY on its own.

UPDATE

Taking new settings from your account — zones, distance, delay, schedule.

UPGRADE

Installing new controller firmware.

RESET

A restart is queued. The controller usually reboots within twenty to thirty seconds of showing this, then comes back to READY on its own.

Around the word you will also see water pressure, flow, which zone is running, time remaining, and the distance to the nearest active wildfire. The screen dims itself when nobody is there; one press of either button wakes it.

REFERENCE

Every combination, and what it does

Anything marked **READY only** is ignored while the system is already running — the controller will not interrupt itself.

CONTROL	DO THIS	WHAT HAPPENS	WHEN
Left button	One press	Wakes the screen. Nothing else — a single press can never start the system.	Any time
Left button	Two quick presses	Test run, water only. Steps through your zones so you can see every head throw, without using foam.	READY only
Right button	One press	Wakes the screen.	Any time
Right button	Two quick presses	Test run with foam. The same cycle as the left-button test, with foam proportioned in.	READY only
OFF / ON switch	Turn to ON	Starts a full activation, using whatever foam and zone settings you have saved in the app.	Any time
OFF / ON switch	Turn to OFF	Stops the system and closes the valves.	While running
Left button + switch	Hold the left button while turning the switch to ON	Starts without foam, for this run only. Your saved setting is untouched.	Any time
Right button + switch	Hold the right button while turning the switch to ON	Starts with foam and runs every zone, ignoring any zone scenario you have set. Use it when you want everything wet and you do not want to think about which zones are selected.	Any time

Both buttons

Hold the left and right buttons together for three seconds

Emergency stop. Whatever is running stops. This is the one to reach for when you want the water off and you do not want to think about which control does it.

Any time

Both buttons, again

Hold both together for three seconds a second time, within thirty seconds of the first

Emergency stop and restart. The controller closes the main valve, saves its log, and reboots itself. Use it only if the first hold did not settle the system — after the reboot it comes back up on its own and returns to READY.

Within 30 seconds of an emergency stop

GETTING THE TAPS RIGHT

Quick and deliberate

Multi-press actions need short, crisp presses. If nothing happens, you were probably holding each press slightly too long — tap it as you would a mouse button.

A press counts as a tap	under about eight tenths of a second
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Gap between the two presses of a double	under half a second
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Switch response	deliberately slow, so a knock cannot start the system
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WORTH KNOWING

Four things people ask

A single press can never start it

One press only wakes the screen. Everything that moves water needs either a deliberate multi-press or the switch, so brushing past the box does nothing.

The switch always wins

Turning the switch to OFF stops the system and closes the valves, whatever started it — you, the app, or an automatic activation.

Test runs are not activations

A test steps through the zones so you can watch every head. Run one at the start of the season, and after any work on the roof or the irrigation.

The box and the app agree

Anything you do here shows up in the app, and anything done in the app shows here. There is no separate local mode to get out of step.

This manual covers the controls only. Opening the enclosure, wiring, jumpers, calibration and servicing are for a qualified FireShield technician. If something is not behaving as described here, do not open the box — [contact support](#).

Most of the time you will use the app, not the box

The controller is there for when you are standing in front of it. Setting your activation distance, your delay, which zones run and scheduling a start all happen on your phone.

[Read the app guide](#)[Contact support](#)

APP

3.0.0 (build 4)

Updated September 17, 2026

CONTROLLER FIRMWARE

4.8.0.31

Updated September 17, 2026