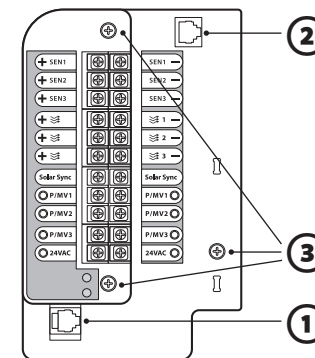


OPERATING THE CONTROLS

- ① Dial scrolls through menus; press dial in to select.
- ② Back button returns to last screen.
- ③ Home button always returns to Home (Activity) screen.
- ④ Soft keys are labeled in each screen for different functions.
- ⑤ From Home, “Main Menu” soft key goes to all programming menus.
- ⑥ Built-in SD card reader can store logs and update the modules.



POWER SUPPLY BOARD

- ① Facepack Connection
- ② SyncPort™
- ③ Service Screws

PROGRAMS	STATIONS	DEVICES	FLOW	SETTINGS	DIAGNOSTICS	ADVANCED FEATURES	DECODERS
Start Times	Station Setup	P/MV Operation	Flow Operations	Time/Date	View Logs	Export Logs	Program Decoder
Run Times	Cycle & Soak	Flow Sensors	MainSafe	Regional Settings	Module Info	Easy Retrieve	View Configuration
Water Days	Blocks	Solar Sync®	Flow Zones	User Management	Clik Sensor Diagnostics	Reset Memory	View Status
Seasonal Adjust	Station Limits	Clik Sensors	Flow Totals	Networking	Station-P/MV Diagnostics	Firmware Update	Station Assignments
Program Rules	Station Summary	Sensor Response	Learn Flow		Flow Sensor Diagnostics	Conditional Response	Decoder Diagnostics
Calendar Days Off			Clear Flow Alarms		Solar Sync Diagnostics		Decoder Inventory
Program Summary			Hydraulic Summary				Update Decoders

SETTING TIME AND DATE

Dial to Settings menu and select Time/Date.
(Select Regional Settings to customize time and date formats.)
Select current time; rotate dial to set.
Select current date; rotate dial to set.

PROGRAMMING

From Home, press **Main Menu**, and dial to **Programs** menu.

Start times

Select Start Times from Programs menu.
Select Program number. Up to 32 Programs are possible.
Programs may be named by selecting Name box.
Set Mode to **Auto** for automatic operation.
Check **Overlap** to allow the program to run at the same time as other programs.
Check **Stack** if the program must only run by itself.
Select Start Time boxes, and rotate dial to set Start Time.

Run Times

Select Run Times from Programs menu or shortcut key.
Verify or select program number.
Run Type may be Station or Block (dial to select).
Blocks are groups of stations that run together (see manual).
Select and set Station (or Block) number.
Stations or Blocks will run in the order they are entered.
Select and set Run Time in HH:MM (hours/minutes). Select :SS seconds, if desired.
Show Edit Tools (soft key) for shortcuts.
“Fill Down” (soft key) will add one number to previous station on next line, and copy run times to it.
“Adjusted Run Time” shows effects of Seasonal Adjust, if other than 100%.

Water Days

Select Water Days from Programs menu or shortcut key.
Verify or select Program number.
Mode: Select Day of Week, Odd/Even dates, Interval, or Manual Only. Manual Only will not run automatically.
Check the Days of the Week to water, or check Odd or Even, or set Interval period. If Interval, specify start date of interval. (Non-Water Days never water, even if the schedule happens to fall on them.)

SET PUMP/MASTER VALVE OPERATION

Turn dial to Devices menu, and select P/MV operation.
Verify or select P/MV number.
Set Normally Closed or Normally Open operation.
Exit (Back button) and dial to Stations menu.
Select Station Setup.
Check boxes for the P/MV assignments for each station.

MANUAL OPERATIONS

From Home screen, press Manual soft key.
Use soft keys to select Stations, Program, or Test Program.
Stations: Check Sequential or Simultaneous.
Enter Stations or Blocks. Enter Run Times for each.
Press soft key for Start to run the items immediately.
Programs: Select Program number.
Press **Start** soft key to start immediately.
Or, dial to advance to a station further in the program, and press Start to begin there.
Test Program: Test will run all stations in the controller for the run time entered here. In decoder controllers, Test will only run stations with a programmed run time.

SENSOR BYPASS

Active sensors do not interfere with manual irrigation.
If sensor is active and preventing desired automatic irrigation, the sensor can be disabled temporarily.
Dial to Devices menu.
Select Clik Sensors or Solar Sync, depending on which type has caused the alarm.
Select the sensor, and uncheck the Enable (Clik Sensor or Solar Sync) box.
Check Enable again to restore sensor to normal operation.

MESSAGES & ALARMS

The flashing symbol shows that problems are detected.
Press **View Messages** to read them.
Press **View Logs** for a detailed view of all alarms and messages, beginning with the most recent. Use the dial to review recent activity.
Press **Clear Messages** to return to the Home/Activity screen.
Messages do not interrupt automatic irrigation, but they may announce a condition that does.

VIEW FLOW

When flow sensors are installed and configured, **View Flow** will show current flow rate of all sensors.
Clear Messages to show the View Flow key again.
More detailed information is available on the Flow menu.
Select **Flow Totals**.

Consult product manual for Flow Operations & Advanced Features. See other side for decoder information.

PROGRAMMING DECODERS

Insert the decoder's red and blue wires in the Programming Port holes (inside controller cabinet). It does not matter which color wire goes in which hole.

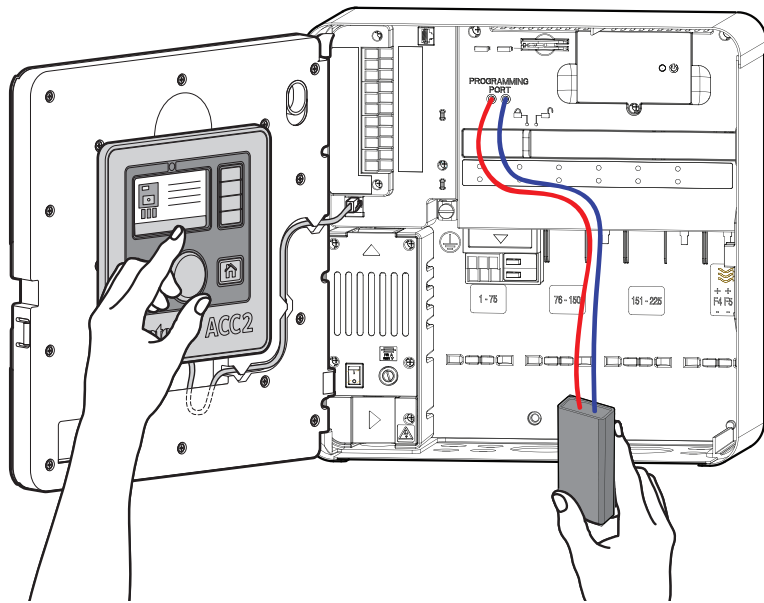
Dial to Decoder menu and select Program Decoder.

Leave the Location checked for Programming Port, and press the soft key for Read Decoder.

Enter the Station numbers (or press Pump decoder or Sensor decoder) and enter other information as needed. Press Program Decoder.

When display reads Decoder Programming Successful!, remove wires and install decoder. If programming fails, reinsert wires firmly and repeat.

It is also possible to re-program an installed decoder via the two-wire path. Check the Decoder Location box for Two-Wire Path, and enter the station number to re-program. Then repeat the steps above.



VIEW CONFIGURATION/VIEW STATUS

Enter any decoder address to view details of any decoder installed in the two-wire path.

Station Assignments

Each A2C-D75 output module enables up to 75 stations. You can assign station numbers from one module to another, if needed, for longer wire paths.

Set the upper and lower limits for the stations assigned to each module, to rearrange the stations as needed.

Decoder Diagnostics

View the current draw and status for each decoder output module.

Station Finder: Press this button to help find a decoder in the field. Enter a station number to chatter the solenoid on the valve for up to 30 minutes, so that the station can be located by listening in the field.

Wire Test: Press this button to put a 60 Hz current on the two-wire path, so that a clamp meter can be used to detect faults to earth.

Decoder Inventory

Press Refresh Inventory to collect data on all available stations. This will take a few minutes.

Data is shown for one decoder output module at a time. Press Next Module to see the results for each output module.

Stations with a low "Comm %" may have connection issues.

Update Available shows whether any decoders may need to be updated. If all stations are "No," then all stations are up to date.

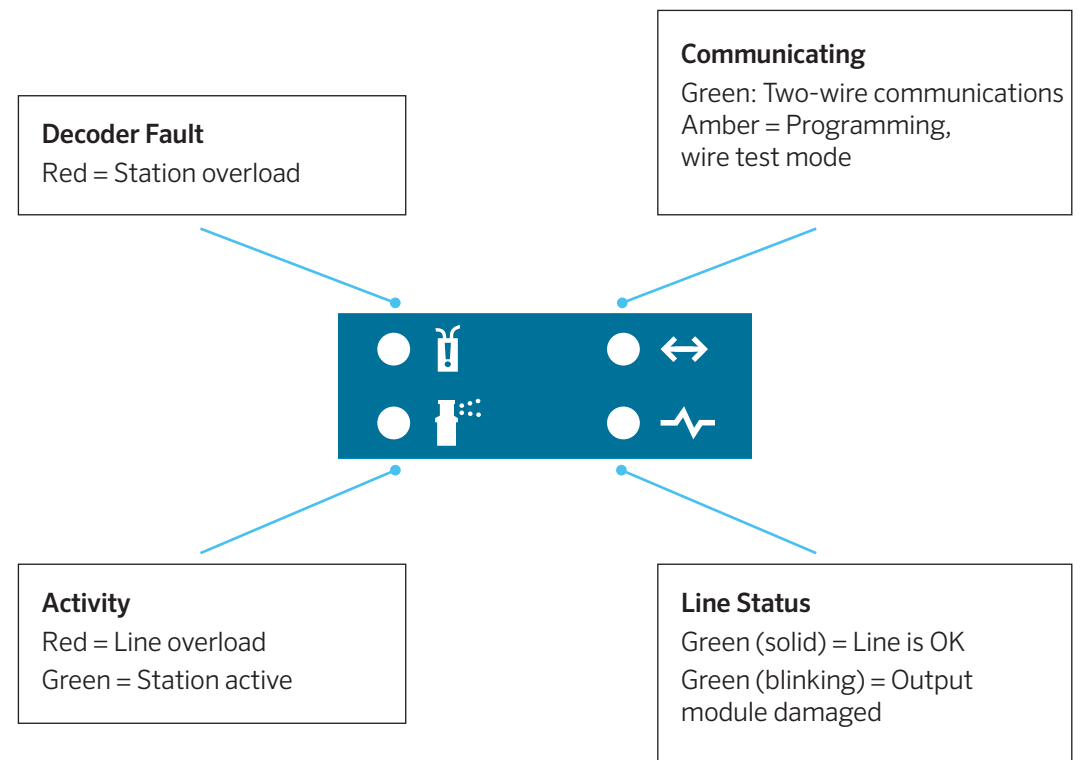
Update Decoders

New controller updates may include new versions of decoder firmware.

If decoders in the Inventory show "Yes" in the Update Available? column, press Update Decoders to send the latest firmware to all decoders in the system. This may take up to 20 minutes.

Output Module Lights

Each A2C-D75 output module has 4 status LED lights.



All station and program information can be saved to the SD Card with the Easy Retrieve function (Advanced Features).

STATION/NAME	PROGRAMS	RUN TIME
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STATION/NAME	PROGRAMS	RUN TIME
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STATION/NAME	PROGRAMS	RUN TIME
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STATION/NAME	PROGRAMS	RUN TIME
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PROGRAM/NAME	START TIMES	WATER DAYS
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