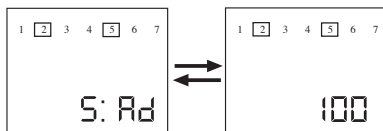


- Press five long presses on the **MODE** button until the following screen appears:



The percentage programmed will flash on the screen alternately with 5: Rd

- Use the  $\oplus$  and the  $\ominus$  buttons to adjust percentage amount to your requirements.
- Press **SET** to complete adjustment.

## 17 Factory Default Settings

The Controller comes with the following factory default settings:

### Irrigation Start Times

	Start 1	Start 2	Start 3
Start Times for P1 and P2	06:00	12:00	18:00

### Irrigation Duration for Valve 1 (P1) and Valve 2 (P2)

Duration Time	P1	P2
	0:15	0:15

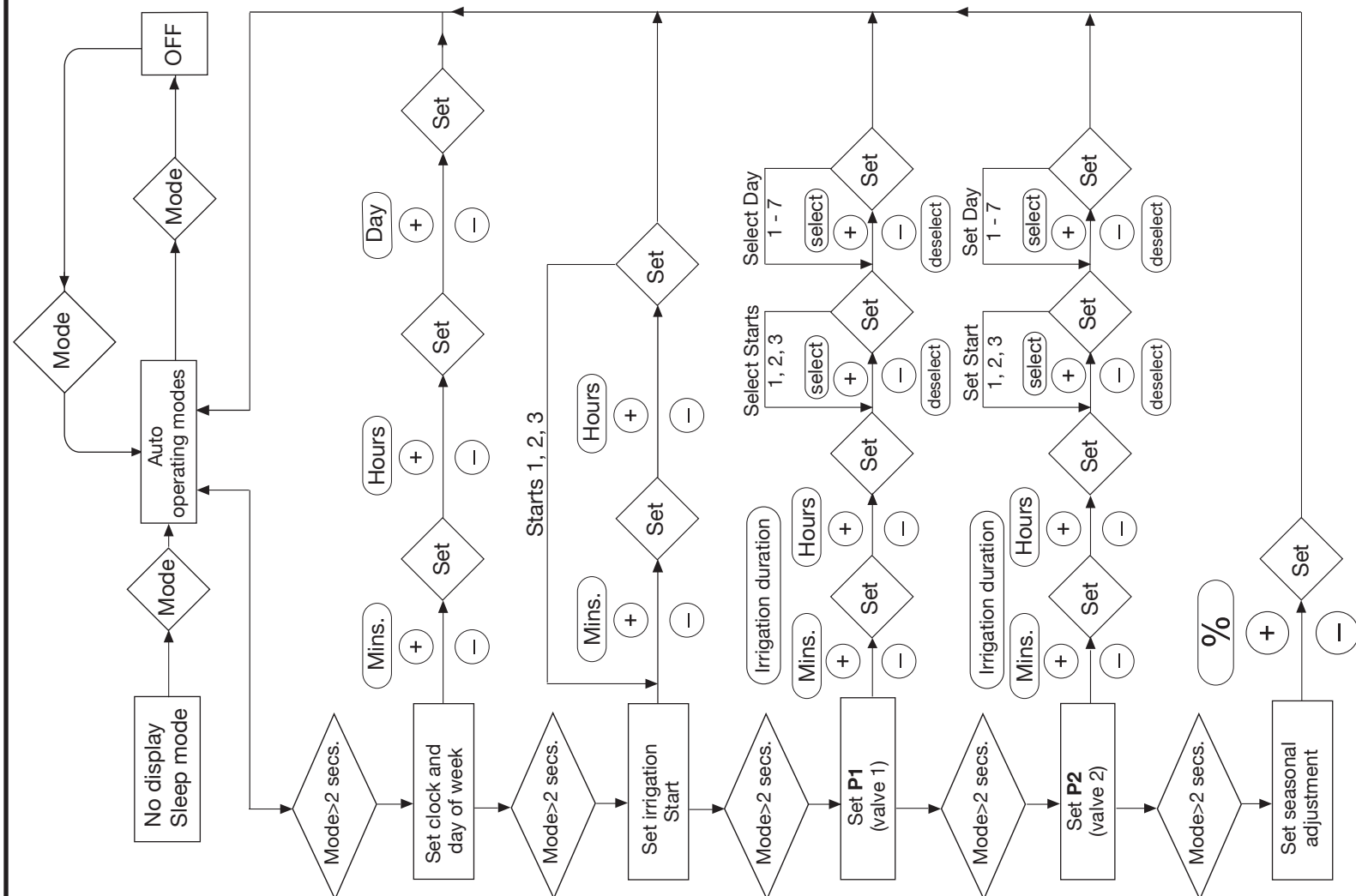
### Selected Starts

	Start 1	Start 2	Start 3
Selected Starts for P1	✓		
Selected Starts for P2		✓	

### Irrigation Days

	Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
P1	✓		✓		✓		
P2		✓		✓		✓	

## Flow Chart for G75 2 Valves Irrigation Controller



## 18 Off Season

During the season when you do not need to water your plants, press the **MODE** button quickly until **OFF** is displayed. DO NOT remove the battery.

The Controller is equipped with a flash memory that will save the programmed functions even without the battery.

### Maintenance

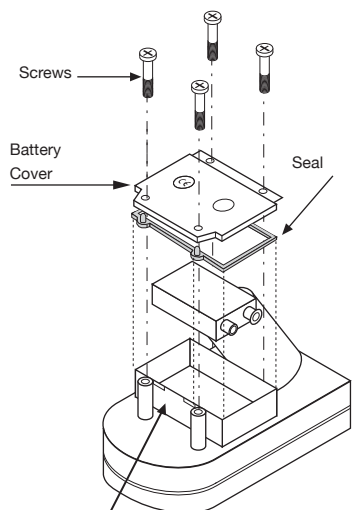
#### Battery Installation

Replace the battery at the start of each irrigation season and when the low battery symbol appears:

#### Use a 9V alkaline top quality battery only.

- Use a Phillips screwdriver, remove the four battery cover screws.
- Remove the battery cover and seal.
- Replace the battery.
- After reattaching the seal, put the cover back, and secure with the four screws.

## 19



When replacing seal, push seal tabs into slots.

## 20 Troubleshooting

PROBLEM	CAUSE	SOLUTION
Controller does not irrigate plants as desired	Water at main faucet is shut off	Check faucet
	Hose cut or blocked	Replace damaged section
	Battery dead	Replace battery
	Controller set on OFF	Set controller to desired program
	Controller improperly programmed	Check program and clock settings
P2 does not begin on time	P1 has priority and has not completed its duration	Wait until P1 finishes irrigating
Blank display	Battery dead	Replace battery
	Controller in sleep mode	Press <b>MODE</b> to activate screen
Water does not turn off	Valve blocked by dirt or scale	Replace valve
	Valve installed backwards	Install valve so that the arrow points in the direction of the water flow.

## 21 Guarantee

**Baccara** products are guaranteed to be free from defects in material and workmanship for a period of one year from the date of delivery.

This guarantee does not apply where equipment is not used and installed strictly in accordance with **Baccara** specifications and Users Guide. Neither does it apply to failures caused by lightning strikes or damage due to freezing temperatures or mechanical causes (e.g. lawn mowers). **Baccara** is not liable for indirect, incidental or consequential damage in connection with the use of equipment.

To receive guarantee benefits, customers should return defective units along with the receipt to the nearest **Baccara** distributor.

**Baccara** reserves the right to alter, modify or redesign its products, pricing and guarantee at all times without creating any liability for the obsolescence of customer inventory of such parts or products.

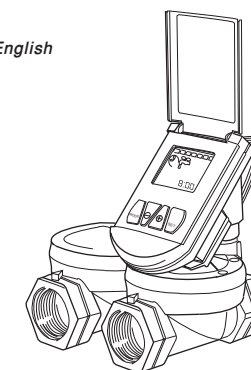
This manufacturer guarantee policy may apply differently in different countries.

**BACCARA**

## G75 Two Valves Irrigation Controller

USERS GUIDE

• English



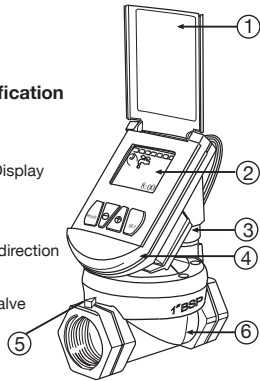
## 1 Getting Started

### Features

- Connects to two separate valves
- Up to three operations per day
- Easy installation and programming
- Waterproof and weather resistant
- Battery powered; no need for electrical hookup.

### Parts Identification

1. Top cover
2. Controller Display
3. Solenoid
4. Controller
5. Water flow direction arrow
6. Hydraulic valve



## 6 Irrigation schedule design table

### Irrigation Star Times

	Start 1	Start 2	Start 3
Start times for P1 and P2			

### Irrigation Duration for valve 1 (P1) and valve 2 (P2)

	P1	P2
Duration time		

### Selected Starts

	Start 1	Start 2	Start 3
Selected Starts for P1			
Selected Starts for P2			

### Irrigation Days

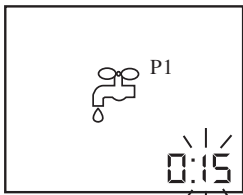
	Sun.	Mon.	Tues	Wed.	Thu.	Fri.	Sat.
P1							
P2							

## 11 Setting the Duration Time

To set the irrigation program, you must be in an operating mode.

First program **P1** as follows:

1. Press 3 long presses on the MODE button until the following screen appears (The minutes will be flashing):



On this screen, the clock numbers refer to the irrigation duration of Valve 1.

2. Use the ⊕ and the ⊖ buttons to adjust the minutes.
3. Press **SET** to continue.
4. Use the ⊕ and the ⊖ buttons to adjust the hours.
5. Press **SET** to continue.

## 2 Basic Controller Functions

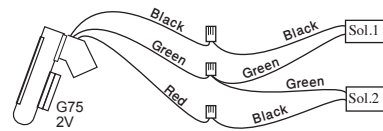
This section gives a brief description of the Controller buttons. See the following sections for further details.

**MODE** button – Quick presses of the **MODE** button turn the controller on or off. Longer presses of the **MODE** button put the Controller in programming mode.

**SET** button - Press the **SET** button to set a function and proceed.

⊕ ⊖ Use these buttons to increase and decrease schedule functions, or select / deselect functions.

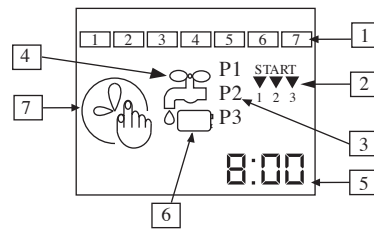
### Installing connectors wires



## 7 Programming the Controller

### Meaning of Controller Icons

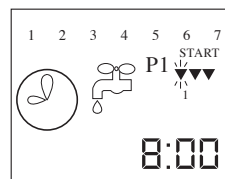
**NOTE:** Quick presses of the **MODE** button on or off. Longer presses of the **MODE** button put the controller in programming mode.



1. Irrigating days of the week.
2. Program starts.
3. P1 is Valve 1, P2 is Valve 2
4. Irrigation
5. Timing or clock
6. Low battery
7. Time adjustment

## 12 Selecting the Starts

The **P1** start screen appears:



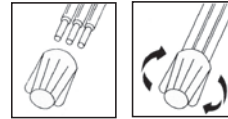
On this screen, you select the Starts you wish to irrigate with Valve 1 (**P1**). Start 1 will flash.

1. To select Start 1, press ⊕ and then **SET** and Start 2 will flash.
- OR**
2. To deselect Start 1, press ⊖ and then **SET** and Start 2 will flash.
3. Repeat for Start 2 and 3.

The Select Day screen appears. Day 1 will flash.

## 3 Installing the Connectors

1. Strip wire 1/2".
2. Align frayed strands or conductors.
3. Do not pre-twist. Place stripped wires together with ends even, lead stranded wire slightly.
4. Twist connector onto wires pushing firmly until hand-tight. **DO NOT** torque.
5. Swipe excess sealant in and around conductors. **DO NOT** REUSE.



**NOTE:** Can only open one valve at a time. The valves are indicated as P1 and P2.

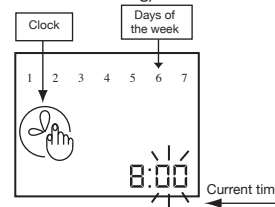
If the controller is correctly wired, continue the installation process as follows:

1. Turn off the main faucet.

## 8 Setting the Clock

If screen is blank, press **MODE** to activate. Before programming the controller you must set the clock.

1. Press **MODE** for several seconds until the time adjustment icon appears. (The minutes will be flashing):

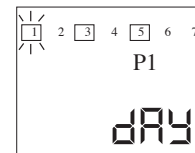


On this screen the numbers represent the current time.

2. Use the ⊕ and the ⊖ buttons to adjust the minutes.
3. Press **SET** to continue.
4. Use the ⊕ and the ⊖ buttons to adjust the hours.
5. Press **SET** to continue.

## 13 Setting the Days

The Select Day screen appears after the Start times have been programmed (as in section 12).



1. Press **SET** to reach the day you wish to irrigate. The number (corresponding to the day of the week) will flash.
2. Press ⊕ to select that day (the square which appears indicates day is selected).
3. Press ⊖ to deselect a day.
4. Press **SET** until all days are programmed as desired.
5. Press **SET** to return to operating mode. **P1** programming is now complete. Four long presses on **MODE** will begin the programming for **P2**.

## 4

2. Install the valve in the irrigation system so that the black arrow on the valve is pointing in the direction of the water flow. The controller may be swiveled around to facilitate installation.

Occasionally the valve opens in transit. To ensure that the valve is closed before you open the main faucet, first make sure that the controller is not set to **OFF** (If it is set to **OFF**, press briefly on the **MODE** button to turn on).

3. Press ⊕ and **SET** simultaneously. **P1** will flash.
4. Press **SET** to select **P1** or ⊖ to select **P2**.
5. Press **SET** and ⊖ to close the valve.

You are now ready to program the controller.

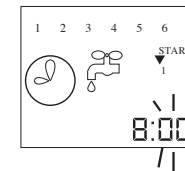
6. Turn on the main faucet.

## 9 Setting the Start Times

6. Use the ⊕ and the ⊖ buttons to select the current days of the week. The selected day will flash.
7. Press **SET** to return to operating mode.

After setting the clock,

1. Two long presses on the **MODE** button makes the following screen appear:



On this screen, the clock numbers refer to the time you wish irrigation to begin. There are three start times which are the same for both valves (**P1** e **P2**).

## 14

Follow the instructions for **Setting the Irrigation Program** (section 10).

### Example

If you wish to irrigate with Valve 1 (**P1**) on Sunday, Tuesday, Thursday and Saturday at 06:00 in the morning for 15 minutes: Make sure the clock is set, and you are in operating mode. Then press **MODE** twice to get to the Start Times. Set Start 1 to 6:00 (factory default). Press **MODE** three times to set duration time. On the following screen, select Start 1, and deselect Starts 2 and 3. On the following screen select days 1, 3, 5 and 7. At the same time, you may program Valve 2 (**P2**) to irrigate for 30 minutes at 13:00 on Monday and Thursdays. Start time are the same for both valves, but Start 2 is not in use for **P1** in this example, so you may program Start 2 to the desired time of 13:00.

## 5 Manual Function

To manually open the valve, make sure that the controller is in operating mode and press ⊕ and **SET** simultaneously. **P1** will flash. Press **SET** to select **P1** or ⊖ to select **P2** and then **SET**.

The irrigation will continue until the interval defined has passed. If the irrigation duration has been set to zero, the valve will close after one minute.

To stop irrigating, press ⊖ and **SET** simultaneously.

## 10 Setting the Irrigation Program

2. Use the ⊕ and the ⊖ buttons to adjust the minutes.
3. Press **SET** to continue.
4. Use the ⊕ and the ⊖ buttons to adjust the hours.
5. Press **SET** to return to start time 2, and repeat steps 1-3 for start times 2 and 3.

### Setting the Irrigation Program

The irrigation program must be set for each valve separately (**P1** e **P2**). The start times are common for both valves as instructed in the previous section. Each valve may be set with different duration time, different start selects, and different days of operation.

## 15 Seasonal Adjustment

Press **MODE** twice to get to the Start Times. Press **SET** until Start 2 is selected, and adjust time to 13:00. Press **MODE** four times to set the duration time for **P2**. On the following screen, deselect Start 1, select Start 2 and deselect Start 3. On the next screen, select days 2 and 4.

### Seasonal Adjustment

It is possible to make a seasonal adjustment to the irrigation duration for both valves as necessary. The minimum adjustment is 10% of the programmed duration, and the maximum is 200%.

