

PRODUCT DATASHEET

maher

app



Remote irrigation control



From any device with Internet access



maher
Smart Agrocontrollers



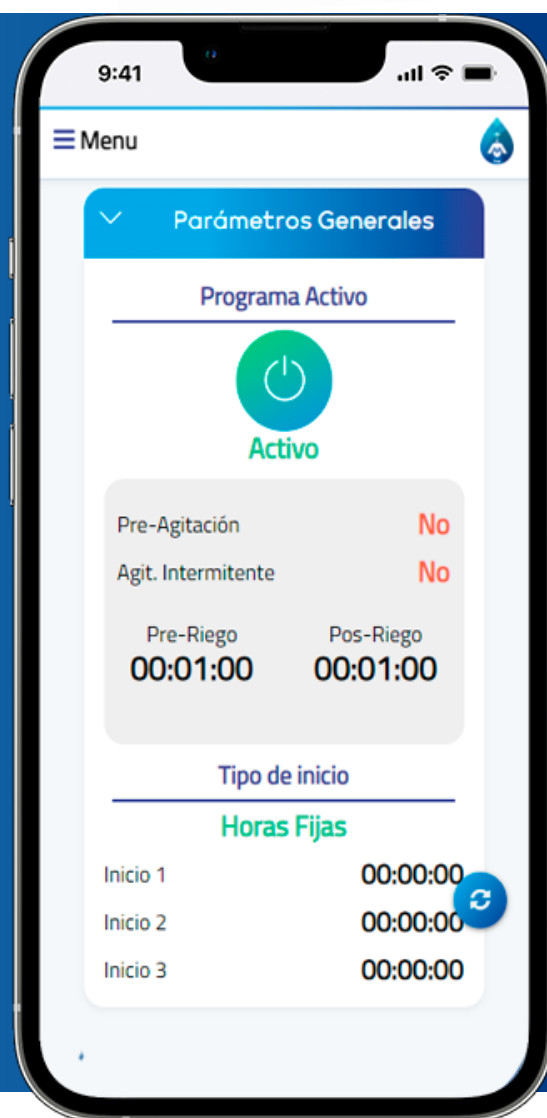
MAHER APP

MAHER APP is a web application for irrigation controller remote controller from any device with Internet access: Smartphone, Pc, tablet, Smart TV...

It is a very useful and intuitive tool for farmers, installers and agricultural technicians

+ **Farmers:** they can manage and receive information in real time from their irrigation equipment via SMS or email

+ **Agricultural installers and technicians:** they can carry out advisory and supervision tasks without having to travel to the farms, being able to access the controller remotely, only if authorized by the owner of the application



What controller is it available for?



Versions 2.0 and top
Software Version 3.30 and top

ciclón

ferti
80000

maher
smart

maher
clima

maher
sensors



USER INTERFACE

Each user will access the application using a username and a key or password. Once identified, the following operations can be performed:

1- If the user has several computers, he must select which one he wants to connect to

2- Consult the controller current status, list of pending irrigations and list of irrigations completed on the current day

3- Consult irrigation records and incidents

4- Consult and modified irrigation programmes

5- Manual actions: Start / Stop irrigation - Controller in TOTAL STOP / START

6- Consult sensors measurements in real time

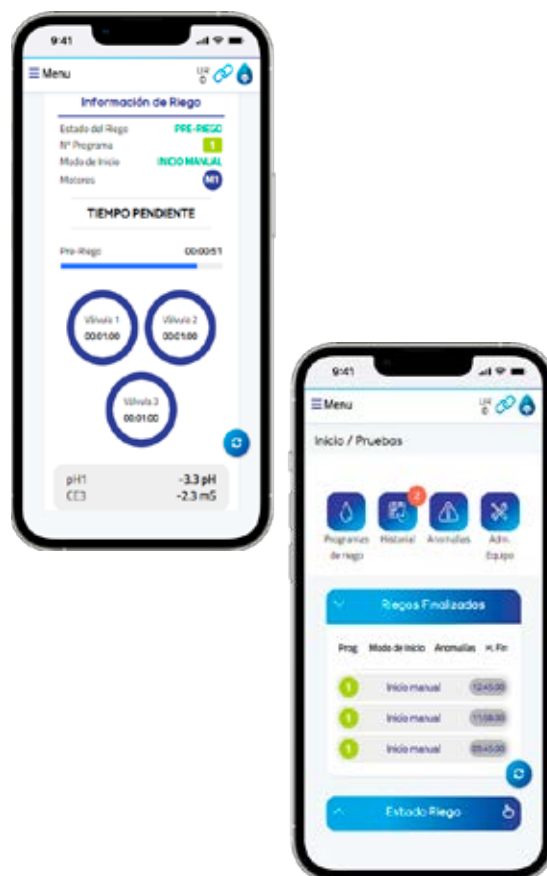
7- Installed sensors graphs. Chance to filter by custom time slot.

8- Temporarily allow access to your irrigation installer or agricultural technician

10- Consult and modified controller Date/Hour

11- Security parameters when carrying out an irrigation program. Function not accesible to the user.

12- User configuration: alarm, agitation, motor delay, valve delay, fertilizers name, GPRS and email notifications.



No installer or third party can access the equipment without the express permission of the user. If the SIM card has an SMS sending service, short messages will be sent in real time of **1. incidents or anomalies 2. Irrigation start and 3. Irrigation stop**. Configurable and customizable option, it is also possible to receive notifications by email.

DATA REGISTER

Trough the irrigation controller **these data are recorded** on the server:

1- Record of the different irrigations run by the controllers

2- Record of the anomalies or incidents that happen in the controller

3- Controller irrigation schedules

4- Controller configuration

5- Irrigation programs and controller configuration backup

6- Sensors measurements





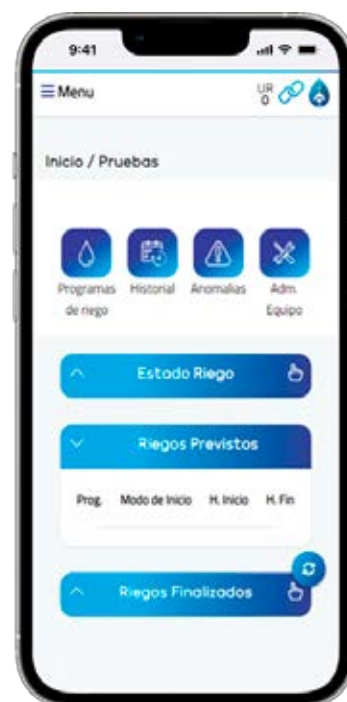
USER INTERFACE

Here are some of the features available in Maher App to improve the management of the irrigation and climate control system, with an intuitive interface and tools optimized for working more efficiently.



SENSOR READING

- Multiple sensor selection
- Graph visualization
- Data download in Excel format
- Display of máx/mín values
- Customization of the sensor color in the graph



MANUAL ACTIONS

- Alarm stop
- From the home screen:
- Set the equipment to Stop or Active
 - Start/Stop irrigation or misting

OTHER FUNCTIONS

- Menu customization
- Real-time valves

AND MUCH MORE...



What is needed? ☒

From the technical team, we always recommend the **GPRS** option for its quick and easy connection.

1- If Internet is not available next to the controller location, the recommended option is via GPRS:

- A properly configured **GPRS modem**, supplied by Maher
- A **SIM card** with data service (not included). The SIM card can be supplied either by Maher Electrónica or by the user.
- **Be up date with the payment** of the respective Maher App fees

Our **SIM card** is multi-operator, connecting to the carrier with the best coverage at that moment and location.



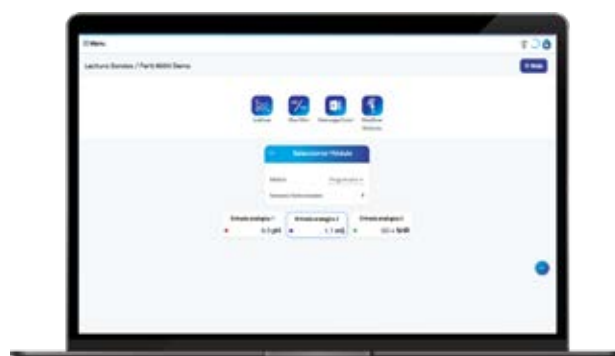
2- If Internet is available, the connection be made via Ethernet

- The Ethernet Kit, supplied by Maher
- This option can send notifications by email, but not via SMS



What advantages does a web server have? ☒

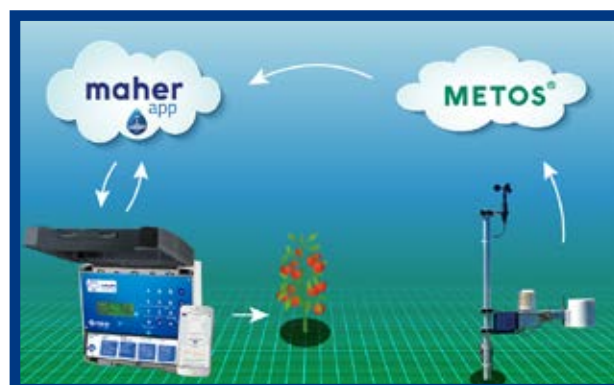
- Accesible from any device with an Internet connection
- There is no need to install any programs or applications on the remote device
- Independent of the device operating system used
- Resources of the access device, such as the Smartphone memory, are not consumed
- Greater storage capacity. The data will remain registered for 1 year.
- Greater security in data recording, since the data will not be stored in the terminal, but in a server in the cloud



Connection with METOS stations ☒

Allows the connection of the MAHER SMART, FERTI 8000 and CICLON controllers to METOS weather stations through the MAHER App.

In order to receive measurements from a METOS station and condition the start and end of irrigation programs to said measurements.





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Irrigation controllers remote control with direct connection

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