Main feature

The main feature of the XP40 is the color display screen (3.5") with 320x240 dots resolution with led backlighting. **XP40** is made in DIN 96x96 format and the module dimensions are 96x96mm.


The user interface is easy and friendly.
The easy touch screen system gives both the typical "easy to use" approach of a touch screen system and the strength and mechanical protection of a polycarbonate IP54 keyboard.

At every screen the function keys display a different graphic making the program very user friendly.

The user can select the display language: all the wordings, acronyms and "help" texts for programming assistance will be displayed in the chosen language.

Each programming step has its own help screen so the program has a "built in" instruction manual.
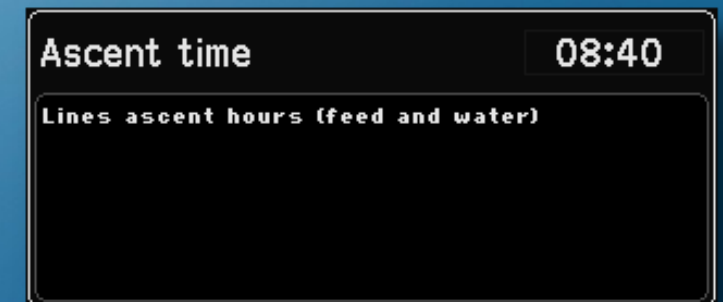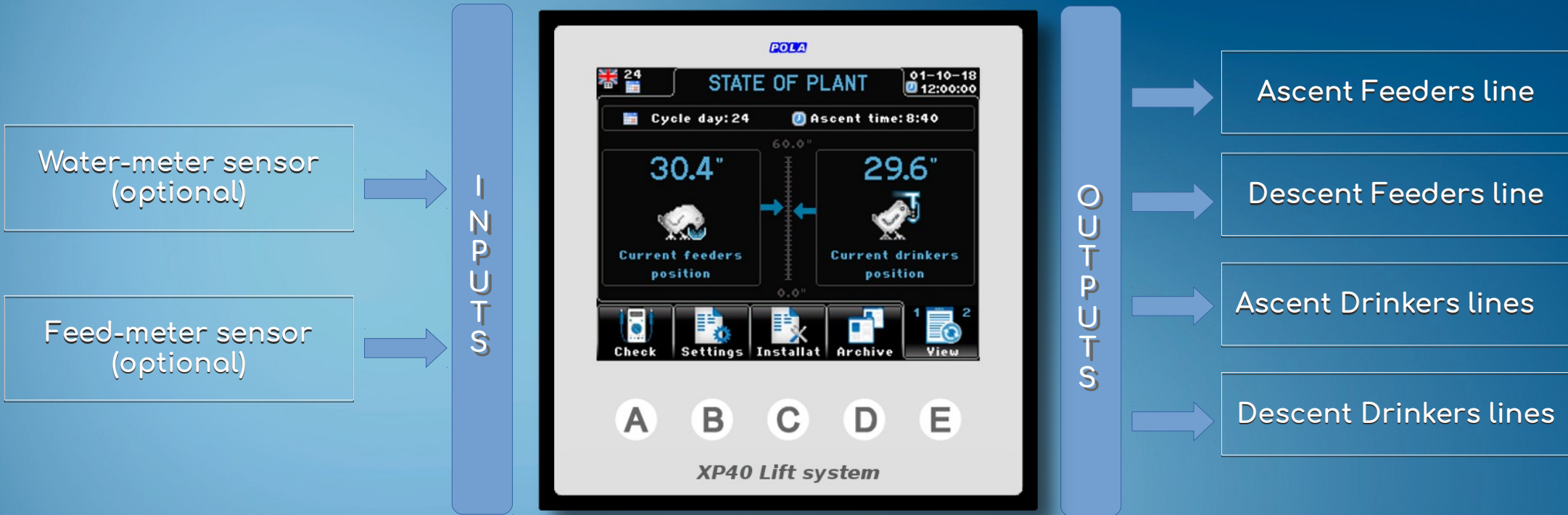
XP40 manages the up/down lift of mangers and drinkers according to an independent daily lift calendar

XP40 manages the up/down lift of mangers and drinkers according to an independent daily lift calendar.
Besides this automatic lift function you can also control water and feed consumption by connecting a watermeter and a feedmeter so you can record the daily and total consumption during the whole cycle.

Inputs and outputs

INPUTS

Water-meter sensor (optional)

Feed-meter sensor (optional)

OUTPUTS

Ascent Feeders line

Descent Feeders line

Ascent Drinkers lines

Descent Drinkers lines

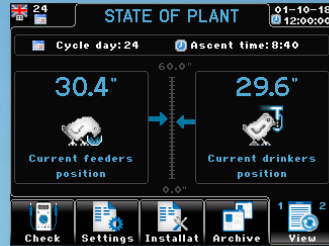Other available connections

→ **USB plug**
XP40 has a USB plug on the back.
When selecting the **USBP** option you can get a USB plug with a (IP65) protection cap externally mounted so you can access the USB without having to go to the back of the unit.
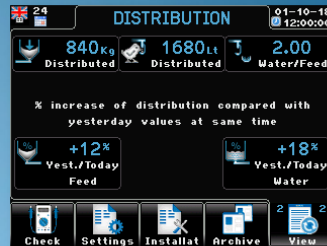
Sample screenshots

Viewing screens

STATE OF PLANT 01-10-18 12:00:00

Cycle day: 24   Ascent time: 8:40

30.4"   29.6"

Current feeders position   Current drinkers position

Check Settings Installat Archive View

Viewing operating condition

DISTRIBUTION 01-10-18 12:00:00

840Kg Distributed   1680Lt Distributed   2.00 Water/Feed

% increase of distribution compared with yesterday values at same time

+12% Yest./Today Feed   +18% Yest./Today Water

Check Settings Installat Archive View

Viewing operating condition

Settings screens

SETTINGS 01-10-18 12:00:00

Calendar curve
Ascent time
Starting cycle

Exit Move Move Select

Settings selection

CALENDAR 01-10-18 12:00:00

Feeders lines ascent
Drinkers lines ascent

Exit Move Move Select

Feeders alendar setting

ASCENT FEEDERS 01-10-18 12:00:00

Exit Select
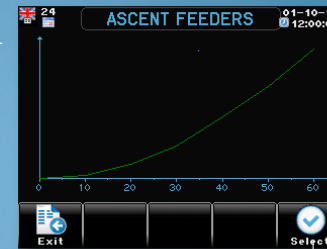
Ascend feeders calendar curve

ASCENT FEEDERS 01-10-18 12:00:00

Day 0   0.0"
Day 1   0.0"
Day 2   0.0"
Day 3   0.0"

Exit Move Move Select

Ascend feeders calendar settings

Archive screen

ARCHIVE 01-10-18 12:00:00

Feeding
Cycle total
Events

Exit Move Move Select

Archives to display selection

ARCHIVE 01-10-18 12:00:00

840Kg Distributed   24 Archive day
1680Lt Distributed   01-10-18 Archive date
2.00 Water/Feed

Exit Graphs Day (-) Day (+)
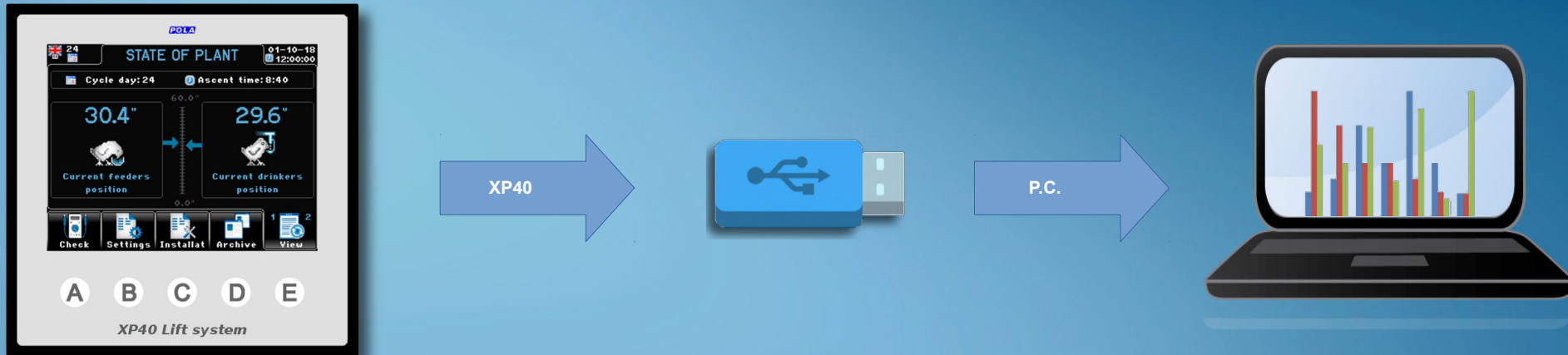
Daily feeding archive

WATER / FEED 01-10-18 12:00:00

Exit
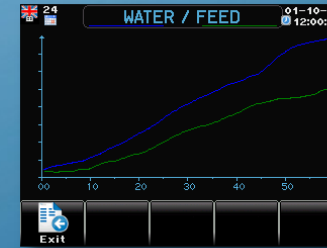
Feed & Water charts

Data transfer

The communication with the outside world is performed by USB key.

➔ **Export archives**
XP40 save in the USB memory a file containing all the day by day recorded data of the cycle.
Connecting the USB key to a PC and by using the XP40 **Dialogue** software you can browse the recorded data in grid or graph formats.

➔ **Importing / saving the setting**
You can save a file with all back-up infos on a USB file.
Saved settings can be uploaded on **XP40** anytime by a user friendly procedure.

Available options

Model	Description
XP40	Mangers and drinkers module
-- *Options* --	
W01	IP54 box for wall mounting + gasket + transparent cover
USBP	USB IP65 external plug (to be mounted externally, for access to the USB without the need to access the back of the XP40)
CWD	Water-counter

Images

Available options

W01

XP40   W01

USBP

CWD

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