The main feature of the XP62 is the color display screen (3.5") with 320x240 dots resolution with led backlighting. XP62 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.
FEED MANAGEMENT
Detection and recording of feed consumption done by load cells. Automatic detection of silo uploading.

WATER METER
Water distribution is programmable at preset times and consumption is recorded by the water meter. Water level is kept under constant control to prevent problems.

STARTING TIMES
It is possible to program up to a maximum of 8 periods for each single function.

ARCHIVES
Daily records (500 days) of:
- Feed consumption
- Water consumption
- Water/feed ratio

LIGHTS
Lights can be controlled by On/Off output.

FEEDING LINES

WATER VALVE

SILO AUGER

HOPPER LIMIT SENSOR
Load cells connection

HP63/W Silos weight repeater

Load cells (max 8)

CN5+U10 Load cell 5000Kg IP68, compression type, stainless steel complete with cable and sheath from 5 mt.

TLC2 Silo load cells digital amplifier

HP63/W Silos weight repeater

Load cells (max 8)

CN5+U10 Load cell 5000Kg IP68, compression type, stainless steel complete with cable and sheath from 5 mt.

TLC2 Silo load cells digital amplifier

is a repeater of the silos weight so the value can be easily read near the silos. It has been designed for outdoor installation and 1 unit can be connected for each silos. It can be connected to the 485 weight bus, available on the TLC2 load cells amplifier located near the silos.
Inputs and outputs

- **Silo 1 load cells**
- **TLC2 #1**
- **Silo 2 load cells**
- **TLC2 #2**
- **Hopper limit sensor**
- **Water counter**

**Outputs**:
- **Silo auger command**
- **Feeders command**
- **Water command**
- **Lights command**
- **Free timer command**
- **HDY6 outputs (optional module)**
- **Silo 1 Kg distributed counter signal**
- **Silo 2 Kg distributed counter signal**
- **Alarm**

**Other available connections**

- **USB plug**
  XP62 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.

- **XNET**
  Network connection card (optional) for XP62 processor (see remote supervision)
The communication with the outside world is performed by USB key

- **Export archives**
  XP62 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 suing the XP62 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 XP62 anytime by a user friendly procedure.
Remote supervision of XP62 processors grants the full management of system by PC.

The XP62 Net Pro supervision software enables the full remote control of network connected processors. ULAN peripheral is connected to PC through a USB connection. XP62 – ULAN connection is done by a simple 3 wires cable. In all cases where ULAN cannot be cabled to XP62 we can supply TR04 radio-modems with a reach of 400 mt.

Components for creating a supervision system:

- **ULAN**: Network server Pc (with USB connection)
- **XNET**: Network adapter card (one for each XP62)
- **TR04**: Radio-modem 485 (optional, to be used only when it is not possible to use the cable)
<table>
<thead>
<tr>
<th><strong>Model</strong></th>
<th><strong>Description</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>XP62</td>
<td>Silo weight controller (DIN96 panel mounting)</td>
</tr>
<tr>
<td>W01</td>
<td>IP54 box for wall mounting + gasket + transparent cover</td>
</tr>
<tr>
<td>TLC2</td>
<td>Silo load cells digital amplifier (one for each silo)</td>
</tr>
<tr>
<td>USBP</td>
<td>USB IP65 external plug (to be mounted externally, for access to the USB without the need to access the back of the XP62)</td>
</tr>
<tr>
<td>CWD</td>
<td>Water counter</td>
</tr>
<tr>
<td>HDY6</td>
<td>Relay outputs extension</td>
</tr>
<tr>
<td>XNET</td>
<td>Network nodal point</td>
</tr>
<tr>
<td>ULAN</td>
<td>Network server Pc (with USB connection)</td>
</tr>
<tr>
<td>TR04</td>
<td>Radio-modem 485 (IP55 junction box with power supply 230/12v)</td>
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<td>CN5+U10</td>
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