CE

Capetti ELETTRONICA SINCE 1973

WirelessLPG V3.0

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Capetti ELETTRONICA DAL1973

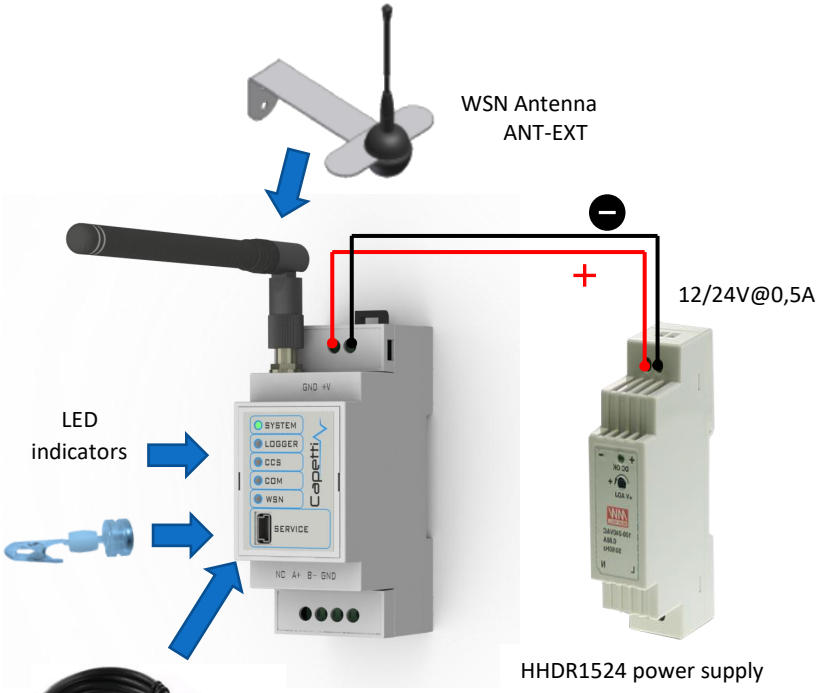
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Telegram

Quick Guide
MWLI-MB



System Components





USB cable

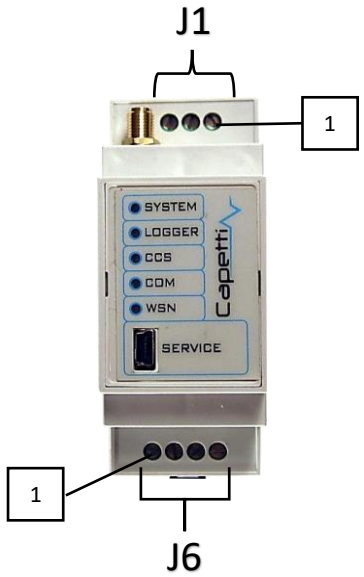


WineCapManager

Notes

Notes

Terminal Blocks



J1	Vin
1	P.E.
2	GND
3	12/24 Vdc

J6	Modbus
1	N.C.
2	MB A+
3	MB B-
4	GND

Led Description

System	System indicator: • slow flash = OK • rapid flash = probe/datalogger enrolling
Logger	Memory status
CCS	Not used
COM	Not used
WSN	Wireless Sensor Network • green = measure reception • red = transmission in progress

WineCapManager

1. Launch *Setup.exe* from the **W**ine**C**ap**M**anager folder ed run the installation.
2. Launch **W**ine**C**ap**M**anager and select "*Local Connection*".
3. Wait for MWLI device detection.
4. Create a new database, insert a referring name, and click on "*open*".
5. Insert licence file located in the CD (*menu Basestation/Insert licence*)
6. Wait for the automatic alignment of the list and the status of sensors from MWLI to PC.

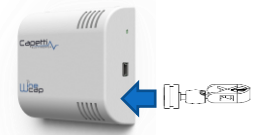
USB Driver

1. Connect USB cable to PC.
2. Access to *Control Panel/Device Manager* then click on MWDG device.
3. Manually install the USB driver (*MWDG_CDC.inf*) available on CD.
4. Click "*continue*" when requested
5. **Note** for WINDOWS 8.1: in case of troubles follow the "*Win8.x Installare Drivers USB R01.pdf*" manual available on CD.

At the end of the installation process, a new COM port will be installed: "*WineCap MWDG (CDC)*"

Start Sensors

1. Connect MWLI as shown before, power up and verify Led "*System*" flashing
2. Activate the probe/datalogger:
   a. approach **W**inecap**K**ey
   b. wait for 2 flashes (*test*)
   c. remove **W**inecap**K**ey



3. Verify LED:

Flash count - Wireless mode		Status/Radio signal quality
	5 green flashes	**Excellent**
	4 green flashes	**Good**
	3 green flashes	**Fair**
	2 amber flashes	**Sufficient**
	1 red flash	**Insufficient**
	1 red flash 2" long	**OUT OF RANGE Network searching**
	2 red flashes 2" long	**STANDBY**
	Short-long-short red flashes series	**FACTORY RESET Device not enrolled**

How to Install

Guidelines to follow during the system installation process

1. Position to the selected location and power on the MWLI
   a. select, if possible, a central position among to the wireless plant
   b. avoid metal obstructions and reinforced concrete structures
2. Move the probe/datalogger to the measure location
   a. verify received signal
      <u>important:</u> small movement can improve the radio signal quality
   b. outdoor probes must be placed upward and north oriented to avoid tampering
3. Adding repeaters to improve radio coverage
   a. couple a repeater to the systema and write down assigned address
   b. position it upward among obstacles and people
   c. select a “strategic” point among the plant
4. Using the WD04T tester probe
   a. couple the probe to the system
   b. activated the test, the probe displays the percentage of the radio signal level
   c. Declares the radio reference in a specific point: router address or zero for MWDG

Manual: Refer to “WINECAP User Manual.pdf” located on CD for further instructions regarding the network and the installation process.