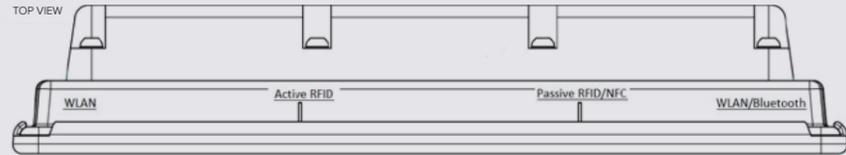


Wireless Communication

- WLAN 802.11 ax 2x2 Dual Band MU-MIMO
 - Dual mode Bluetooth
 - 2x Integrated antennas
 - Active and passive RFID
- Contact your JLT sales representative for RFID tags

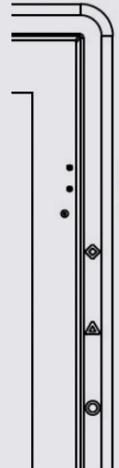
For best performance, make sure no antennas are obstructed, especially by conductive material such as any metal. The RFID / NFC are for close range >10mm, make sure these are not mechanically obstructed



LED indicators & Ambient light sensor

LED 1

1. Green, slow blink every 10 sec.
Power is connected, unit is turned OFF
2. Green, fast blink every 3 sec.
Power is connected, unit is in SLEEP mode
3. Green, constantly lit
Power is connected, unit is in normal operation
4. Orange, constantly lit
Unit is running on battery, preparing shutdown



LED 2

1. Yellow
Disk activity
2. Green
WLAN is connected

LED 1 and LED 2

Simultaneous blink = buttons are in use

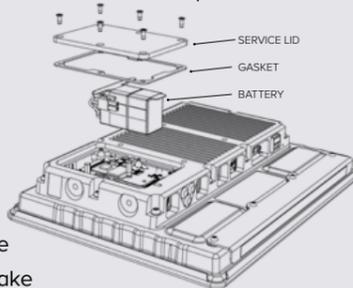
Ambient light sensor 3

The ambient light sensor is for automatic brightness adjustment depending on condition of surrounding light. The function can be turned on or off and adjusted for different levels and control in the JLT Control Panel-application. Please see the JLT6012 User Manual for further description.

Maintenance

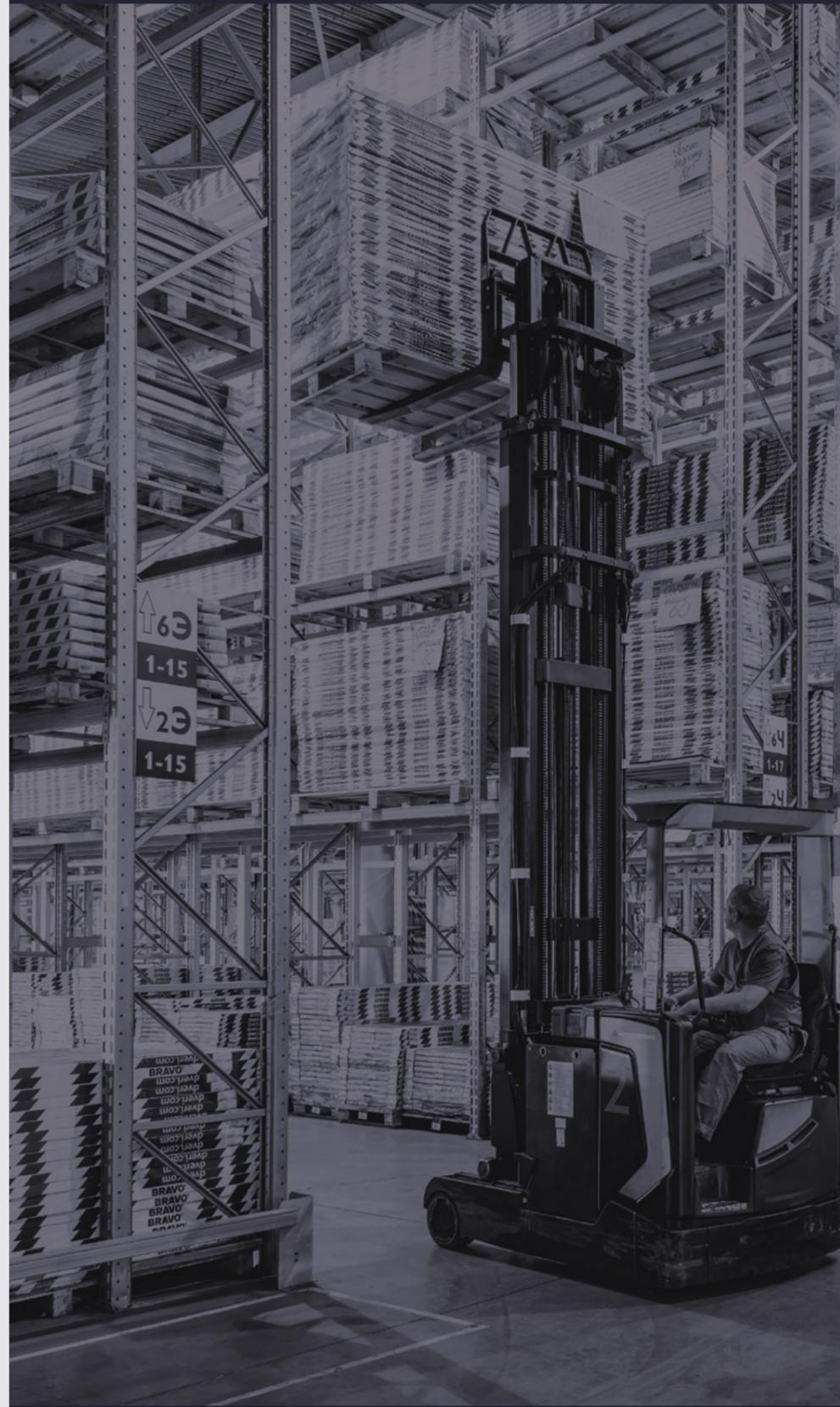
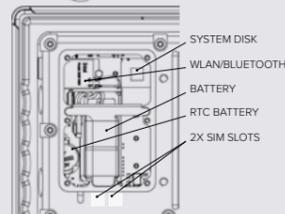
Battery replacement

1. Unscrew the six Torx 10 screws
2. Lift the lid and gasket
3. Lift the battery and unplug cable
4. Mount battery in reverse order make sure battery and gasket are in correct position



Service lid overview

Refer to full User manual for any operations except Battery replacement.



Quick Start Guide

JLT6012

First startup

On first startup of a JLT Unit with a JLT OS image preloaded, Windows setup starts. During the initial Windows setup the picture will disappear for shorter periods or up to a few minutes. Do not turn off or restart the unit, wait for the picture to reappear for the setup to be completed. Do not shut down the unit until the setup is fully completed, otherwise the Operating System may be corrupt or damaged beyond recovery. If the system already has been damaged or corrupted, a disk restore can be made from a JLT OS image, contact your supplier for information and guidance.

Note: If the unit is supplied without a mounted disk or if the disk needs replacement, section Maintenance. If the unit is ordered with a non-JLT or customer-specific image, previous instruction may be skipped.

Touch screen

JLT6012 is equipped with a Projected Capacitive Touch screen. Also called PCT or PCAP. The touch screen is calibrated from factory and needs no further calibration. It has a resistant glass surface that can be cleaned with a damp cloth, ordinary soap or hand-dish washing fluids. Purpose made cleaning fluids may also be used. It's normally operated with fingers and may also be used with purpose designed styles for PCT or PCAP. A stylus designed for resistive touch screens will not work.

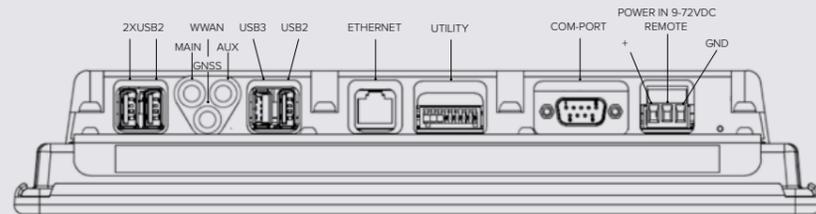
NOTE

As the surface is made of glass it will withstand most common substances, but do NOT use fluids like bleach or any strong alkali cleaning agents such as sodium or potassium hydroxide for cleaning as it may etch the glass and leave grey marks.

Interfaces

Connectors, from left to right:

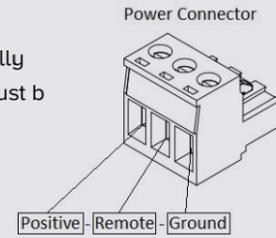
- USB2 - USB2
- USB3 - USB2
- WWAN
- Ethernet 10/100/1000, RJ45
- Utility Port – Pin 1 = 12V/500mA – Pin 2 = COM-Port Pin 9 – Pin 3 = 5V/1A*
*Picture showing jumper in factory default setting Pin 2-3 = 5V output.
Jumper on Pin 1-2 = 12V.
- COM-Port RS232C, user configurable in utility port for 5V or 12V output on Pin 9
- Isolated Power input, 9-72VDC– Pin 1 = Positive – Pin 2 = Remote On/Off – Pin 3 = Power Ground



Power cable

Connect cable as shown in the picture below. Remote may be connected to a remote switch or a vehicle ignition key for automatic On/Off control where high is on and low is off.

A jumper cable from Positive to Remote will automatically turn unit on when power is applied. The power cable must be dimensioned to handle up to 40 Watts, or use cable supplied by JLT. For 24V supply, recommended cable area 0.75 mm², AWG 20 or larger.



IMPORTANT

Do NOT apply any solder to the cable ends. It will eventually make the connection unreliable and loose during use

Power input and UPS

The unit is equipped with an isolated wide range 9-72VDC input. If power is lost or switched off, the unit will switch to the UPS-battery to perform a controlled system shutdown. If power has been re-established within 70 seconds, the shutdown process will be canceled. Remote input is recommended to utilize for automatic power on and off the unit. Typically connects to a vehicle ignition switch.

No additional grounding of unit is normally required.

Power consumption

Stand by, not charging: <0.5W

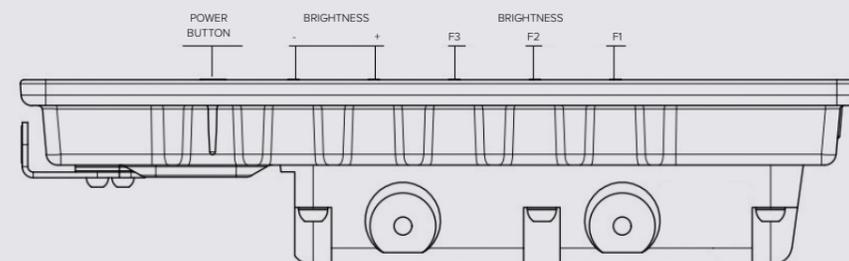
Windows idle: typical 20W

Maximum: 40W

Buttons

From left to right:

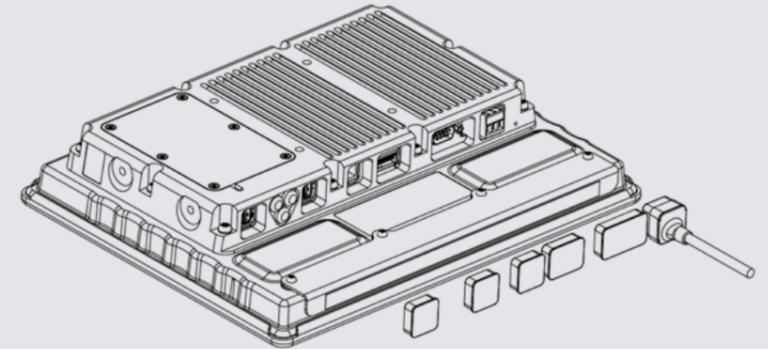
- Power Button, press and hold 4 seconds for soft power on/off, hold 8 seconds for forced shutdown
- Brightness –
- Brightness +
Pushing Brightness + and – simultaneously equals CTRL-Alt-Delete or Windows® security button
- Keyboard function buttons F3, F2 and F1
F1, F2 and F3 are reprogrammable. Use the software utility JLT-control panel.



Mounting

Cable Strain Relief and Rubber Sealing Plugs

Use included cable ties to attach cables to the strain relief plate. All unused ports should have rubber sealing plugs installed.



JLT provided Mounting Kits: RAM®

RAM® Mount -> Computer: Use included screws and washers.

Usage of thread locking products like Loctite® is recommended.

Mounting with other brands

When mounting a JLT unit to a VESA bracket, use M6 screws with correct length. The inserting part of the screw should be minimum 5mm and must NOT exceed 8.5mm (that is 8 complete turns on the screw). If screws are too long, build up with washers to adjust the inserting part of screw. If this is not done and the screws are too long, they will deform the aluminum case inwardly when applying great force.

Torque: Maximum 6Nm

IMPORTANT

The vehicle computer and bracket must be firmly secured to a surface that can support the vehicle computer's weight and include optional accessories such as keyboard and scanners. Computer weight = 2.9 kg / 6.4 LB.

Keyboard mount

An accessory keyboard mount is available from JLT that mounts towards the two M6 screw holes on each side. Fasteners are included with the mount. If other fasteners or screws are being used the depth of mounting holes are maximum 8mm.

The keyboard mount has multiple mounting hole alternatives and comes with a Velcro® adhesive tape to adapt to any keyboard. It's adjustable to allow different keyboards and height. Mounting screws come with the selected keyboard, if supplied from JLT.

