



## DLoG MPC 6 Manual Advantech DLoG Industrial User Guide

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DLoG MPC 6 Manual Advantech DLoG Industrial



## DLoG MPC 6

The DLoG MPC 6 is a device that can be fastened to machines or vehicles. It has a WLAN function and automatic switch-off function.

Before using the device, it needs to be configured on the desktop.

### Prerequisites

- Ensure that the input voltage of the DLoG MPC 6 is correct to prevent damage.
- Log on as an administrator to configure settings for automatic switch-off function and WLAN.

### Usage Instructions

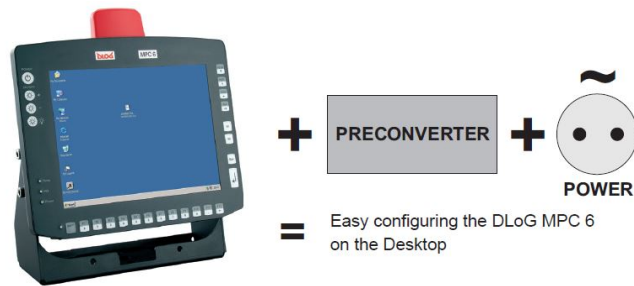
1. Configure the device on the desktop before fastening it to machines or vehicles. Use the DLoG Config program to configure automatic switch-off, WLAN status display, and front keys on the DLoG MPC 6.
2. Customize the WLAN status display using the Parameter Connect Program, if desired.
3. Program the keys on the front of the DLoG MPC 6.
4. If needed, modify the WLAN profile using the Summit Client Utility Program (SCU) or Proxim Atheros Client Utility Program.
5. Install the DLoG MPC 6 according to the assembly instructions provided with the relevant mounting kit. Ensure that the device and accessories do not protrude beyond the vehicle.
6. For cable cover and strain relief on a vehicle or forklift, use a ferrite core cable and lay it in a loop for space reasons.
7. Operate the touch screen using fingers, gloves, or touchscreen pens. Do not use sharp tools or ball pens.
8. To open the context menu, press the touch screen for 2 seconds.
9. Adjust the brightness and background lighting of the display as desired.

### Configure the device on the desktop

**TIP:** Configure the DLoG MPC 6 before fastening it to machines or vehicles. Software configuration for the WLAN function, for Automatic switch-off, etc. is significantly simpler and more convenient on the desktop.

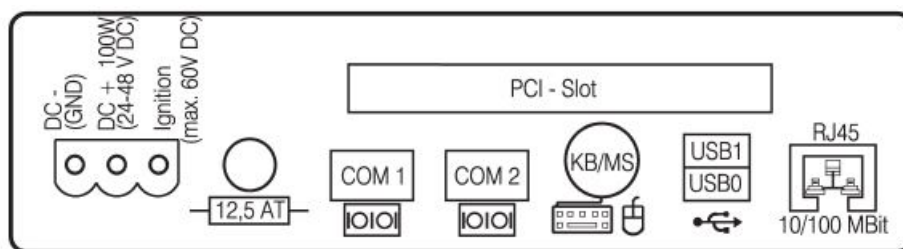
### Prerequisites

- Power supply cable
- DLoG pre-converter, to connect the DLoG MPC 6 to an AC power supply
- **IMPORTANT:** The output voltage of the pre-converter must be compatible with the input voltage of the DLoG MPC 6. If it is not, the DLoG MPC 6 may become badly damaged.



### Connection to power supply

- If you want to operate the DLoG MPC 6 using an external mouse/keyboard, connect this before switching on the DLoG MPC 6.
- Next, connect the DLoG MPC 6 to the power supply.



*Connectors on the DLoG MPC 6 for power supply, accessories...*

### Switch on the device

- Press the <Power> button for 3 seconds to start the DLoG MPC 6.
- If the DLoG MPC 6 has an automatic switch-off function and this has already been configured, the device will start as soon as the power supply is applied.

### Log on as an administrator

The settings for the automatic switch-off function, WLAN, etc. can be made only by administrators, since the relevant tools are available in Admin mode ONLY!

To log on as an administrator:

- When the initial blue Windows start screen appears, press and hold down the right <Shift> key on the keyboard.
- Name: admin
- Password: gold

### Tips for operating the DLoG MPC 6

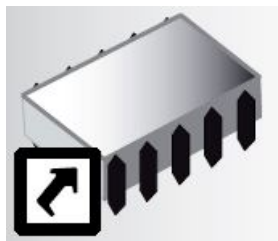
- Brightness:  
Display brighter / darker Background lighting: on / off
- Operate the touch screen using: Fingers, gloves, touch screen pens Do not operate the touch screen using:  
Sharp tools, ball pens etc.
- Open the context menu (right-click):  
Press the touch screen for 2 sec.



### Software settings (preparation on the desktop)

You can use the DLoG Config program to configure automatic switch-off, the WLAN status display and the front keys on the DLoG MPC 6.

#### Start DLoG Config



- To start DLoG Config choose the program icon on the desktop.
- Or go to Start – Programs.
- The default password is „gold“.

#### Configure the automatic switch-off function

Optional – for DLoG MPC 6 devices on vehicles only!



- In the DLoG Config program, go to the Automatic Switchoff menu.

- Configure the switch-on and switch-off behavior of the DLoG MPC 6 in connection with the vehicle ignition.
- Save your settings.

**CAUTION:** If an incorrectly configured DLoG MPC 6 is connected to a given vehicle's ignition, this can cause malfunctions to the extent that the DLoG MPC 6 can possibly no longer be switched on or off.

### Customize the WLAN status display



- In the DLoG Config program, go to the WLAN menu.
- Open the WLAN status window, which contains information about signal strengths and the quality of the WLAN connection.
- Customize the appearance of the WLAN status window.
- Save your settings.

**TIP:** You can use the Parameter Connect Program to start any program automatically as soon as there is an active WLAN connection.

### Program the keys on the front of the DLoG MPC 6



- In the DLoG Config program, go to the Front Panel menu.
- Assign frequently used functions to the soft keys.
- Start external programs using the soft keys.
- Two functions can be assigned to those soft keys displayed white/gray in the menu (use <Shift> to switch between functions).
- Save your settings.

### Wireless networks (preparation on the desktop)

Depending on the ordered configuration, the DLoG MPC 6 contains either a Summit WLAN card or a Proxim WLAN card. Generally, the WLAN profile is set as default in the factory by DLoG for the integrated card. If any adjustments are required, tools for modifying the WLAN profile are available.

**NOTE:** WLAN settings may be made only by qualified technical staff.

### **Summit Client Utility Program (SCU)** for DLoG MPC 6 with Summit WLAN card

- Start the Summit Client Utility program.
- Log on with the password „SUMMIT“ (all uppercase).
- Make the desired settings.

As an alternative to the SCU program, you can also use the Windows Zero Configuration (WZC) program:

- Start the WZC program by choosing Desktop – Admin Tools – Control Panel – Network Connections: Wireless Network Connections (Properties).
- Make the desired settings.

### **Proxim Atheros Client Utility Program** for DLoG MPC 6 with Proxim WLAN card

- Start the Atheros Client Utility program.
- Make the desired settings.

**TIP:** Use the help function for these programs to read details about the setting options.

## **Mechanical installation (on vehicle, fork lift)**

### **Position of the DLoG MPC 6 on the vehicle**

The driver's field of vision in the vehicle must not be obstructed. If you want to install a keyboard and scanner on the side of the DLoG MPC 6, please allow enough space.

### **Overview of the installation steps:**

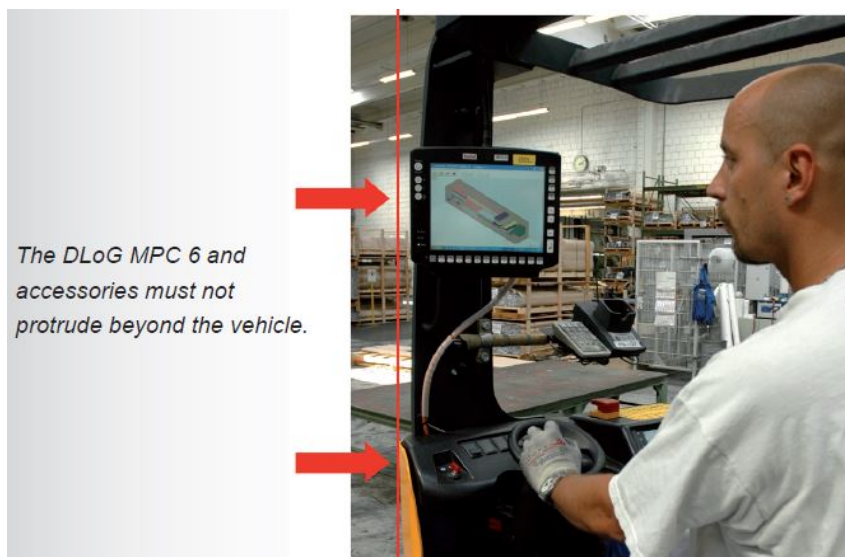
Before you mount the DLoG MPC 6 onto the vehicle:

- The automatic switch-off function must be configured.
- The forklift must be prepared  
(connection to ignition, observe correct voltage, etc.)

We recommend that the installation process is carried out in the following sequence:

- **Step 1:** Secure the mounting bracket onto the vehicle
- **Step 2:** Attach the DLoG MPC 6 to the mounting bracket

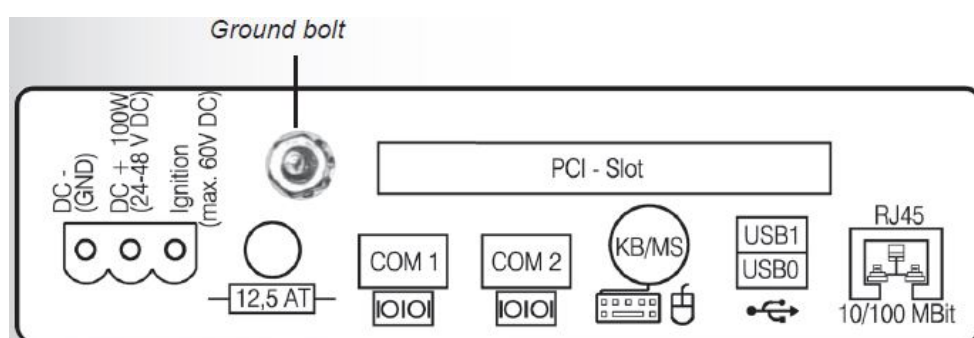
When installing your DLoG MPC 6, please observe the assembly instructions that come with the relevant mounting kit.



## Electrical installation (on vehicle, fork lift)

### On the MPC 6 and on the vehicle

- Ensure that the ground connection is correct!
- Choose a suitable position on the forklift for the ground connection.
- Sometimes the position from which the ground signal is to come is specified by the vehicle manufacturer.
- Position and attach the DLoG MPC 6 as close to the battery as possible.
- Do not attach the DLoG MPC 6 directly to a connector for a high- powered consumer (e.g. an inverter for fork lift motors) as this could lead to restarts, malfunctions or damage to the device..
- Some forklifts have a chassis that is connected to DC+. Therefore, the DLoG MPC 6 chassis is also connected to DC+. However, if you use peripheral devices that supply DC- to the DLoG MPC 6 via an interconnector (such as a DC- serial port), this will cause a short circuit. This will inevitably lead to malfunctions or even a total system failure



## Cable cover and strain relief (on vehicle, fork lift)

Once the DLoG MPC 6 and mounting bracket have been secured:

- Prepare the strain relief.
- Position the cables on the stress relief rail so that they will fit through the openings in the cable cover.
- Mount the cables loosely on the strain relief rail.
- When attaching the cables observe the following: The power supply cable is provided with a ferrite core; you must lay this cable in a loop for space reasons (see photo below).

## Final steps:

- Fix the cables to the strain relief rail.
- Close the cable cover carefully, observing the assembly instructions provided with the DLoG MPC 6.



Example for cable positioning

## Further information

User manual and device driver available from the DLoG download center

The DLoG MPC 6 user manual and the latest device drivers are available from the DLoG download section on [www.dlog.com/DownloadCenter](http://www.dlog.com/DownloadCenter).

Additional technical details are available for registered users.

## Hotline


If you have any further questions, please contact your DLoG service partner or:

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## Documents / Resources

	<p><b><a href="#">ADVANTECH DLoG MPC 6 Manual Advantech DLoG Industrial</a></b> [pdf] User Guide DLoG MPC 6 Manual Advantech-DLoG Industrial, DLoG MPC, 6 Manual Advantech-DLoG Industrial, Advantech-DLoG Industrial</p>
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## References

-  [All-guides – Innovative Search Service of Online Manuals](#)
-  [Advantech Europe | Service IoT](#)



