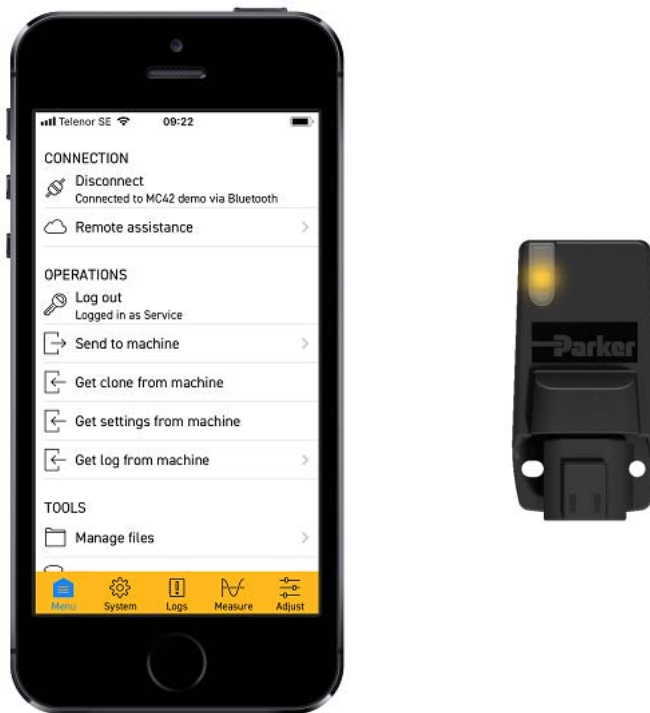


IQANgo

IQANgo is an app for Android and iOS that is best described as a slimmed down version of IQANrun. It has key features such as system info, log management, measure, adjust and sending and receiving files.

IQANgo connects to an IQAN system using WiFi, Bluetooth or Internet.



IQANgo and IQAN-G11/G12 Bluetooth to CAN adapter.

IQANgo modes together with the IQAN-G11/G12

There are two major operating modes for IQANgo - *On site mode* and *Remote assistance mode*.

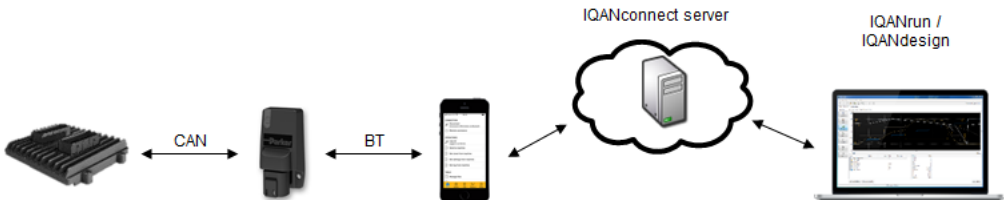
On site mode

IQANgo is connected to the machine via the Bluetooth gateway (IQAN-G11 or IQAN-G12). The IQANgo app user performs all operations.



Remote assistance mode

IQANgo together with the Bluetooth gateway connects the machine to Internet, making the IQAN system available to remote support via the IQANconnect service. The remote user perform the operations.



Pairing

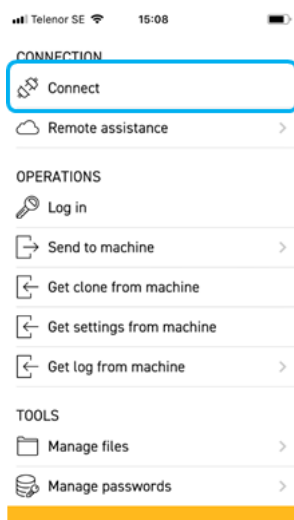
The first time IQANgo connects to an IQAN-G12 Bluetooth gateway, pairing is required. The IQAN-G11 does not require pairing.

Pairing with G12

The first step is to make sure pairing is enabled in the Bluetooth gateway module. The method for enabling pairing is application specific and configured in IQANdesign. In systems with an IQAN display, pairing can usually be enabled in the display menu system, where the pairing passkey is also found.

In systems without a display, pairing might be permanently enabled or enabled via machine logic. Consult the machine operating manual for how to find the pairing passkey.

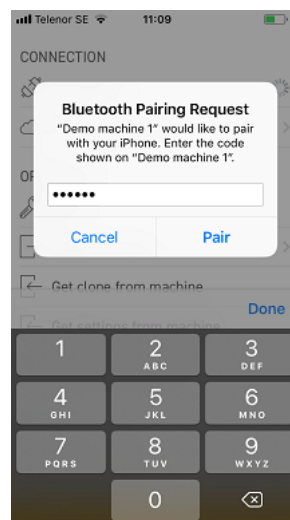
1. First make sure pairing is enabled in the machine. Then in IQANgo, tap *Connect*.



2. Select Bluetooth. When the machine shows up, select it and tap *Connect*.



3. Enter the 6-digit Bluetooth Pairing passkey.



Connect via Bluetooth, pairing required.

G12 Pairing passkey fall-back

If the IQAN master is not running an application, it is always possible to perform temporary pairing. In this case the pairing passkey will be all zeros.

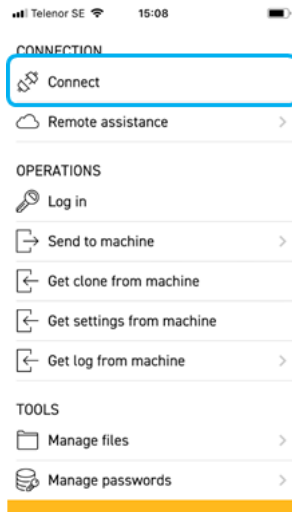
This makes it possible to connect via G12 before an application has been sent to the IQAN master, if the IQAN master has older firmware, and also if the application has been bypassed (see instruction for each master module).

On site mode

Connect via Bluetooth

Make sure Bluetooth is On. Start the IQANgo app and follow the steps:

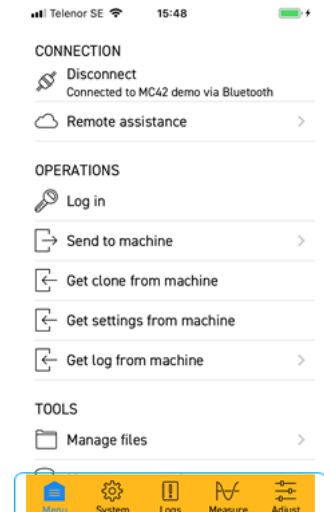
1. Tap *Connect*.



2. Select Bluetooth.
When the machine shows up, select it and tap *Connect*.



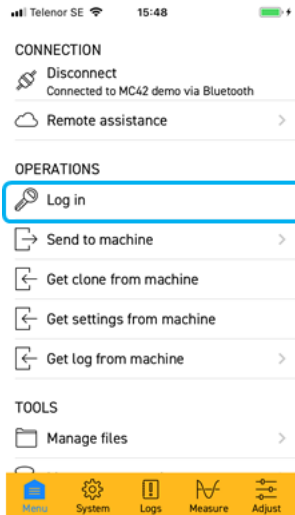
3. Buttons for *System*, *Log*, *Measure* and *Adjust* appear.



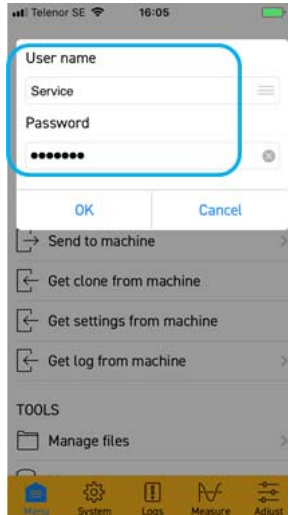
Login

Use login to access protected data and/or operations in the machine. Follow the steps below:

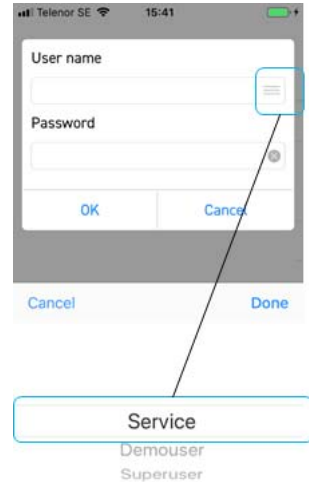
1. Tap *Log in* (if not already connected, connection dialog will show).



2. Enter user name and password...

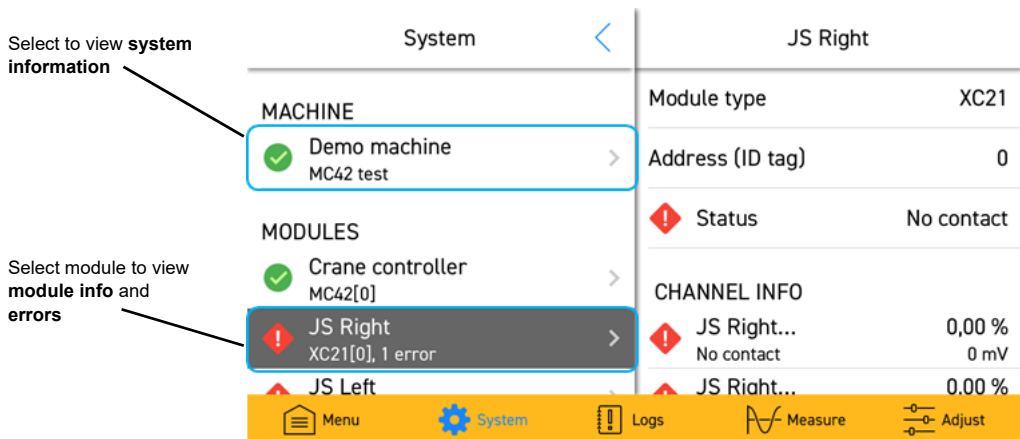


...or, click the dropdown button to select a previous login that was stored on the phone.



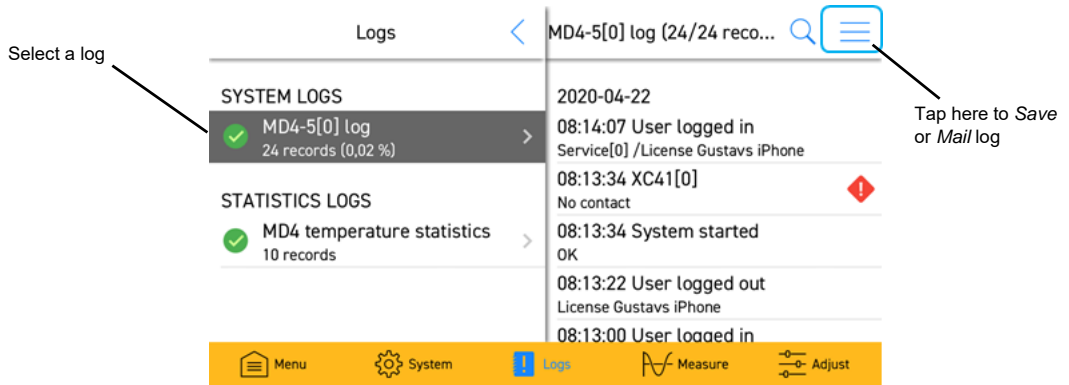
System info

Select the *System* tab to view system and module information for the connected machine.



Logs

Select the *Logs* tab to view logs in the connected machine.



Logs can also be retrieved using the *Get logs* operation on the main menu.

Measure

Select the *Measure* tab to measure data in your machine.

Select a measure group

Measure	Engine
MEASURE GROUPS	MEASURE ITEMS
Signal generators >	✓ Engine s... 2117,24 rpm
MD4 diagnostic >	✓ Engine load 8,69 %
Engine >	✓ Engine t... 91,69 °C

Switch to graph measure

Start/Stop recording
Save or Mail recording

Pinch to zoom
Drag to pan

GRAPH ITEMS
✓ Engine speed 1622,85 rpm
✓ Engine load 4,09 %
✓ Engine temperature 52,51 °C

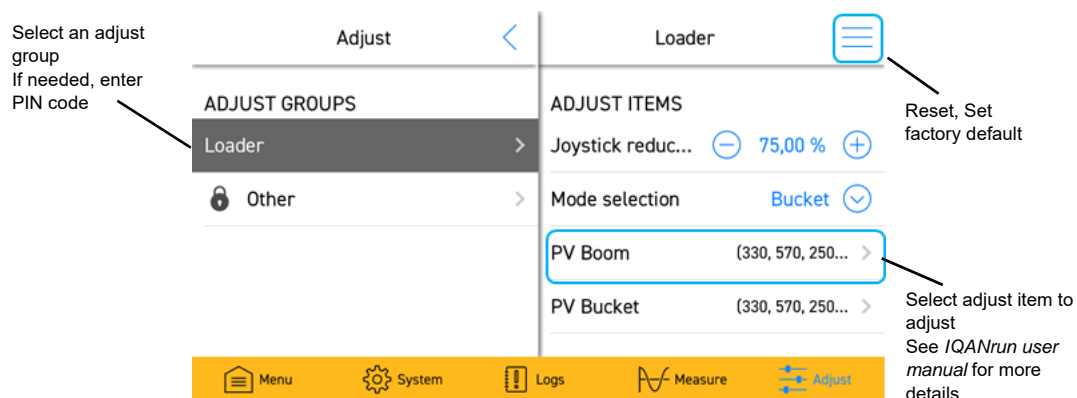
Zoom out
Save
Mail

0,0 0,000 18,670 s

Adjust

The *Adjust* tab will show all adjust groups in the connected machine you have access to, some adjust groups may require a higher access level. Log in to see the adjust groups you need access to.

Make sure the machine is positioned safely before you select *Adjust*.



The parameter value is adjusted online, which means it is actually changed in the connected master module instantaneously when you change the value. There is no need to acknowledge the new value you have adjusted to.

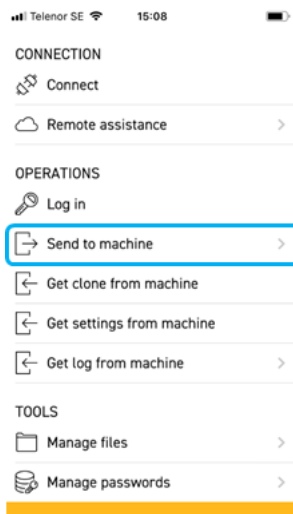
Also see the section on System diagnostics in *IQANrun user manual* for more details.

Send to machine

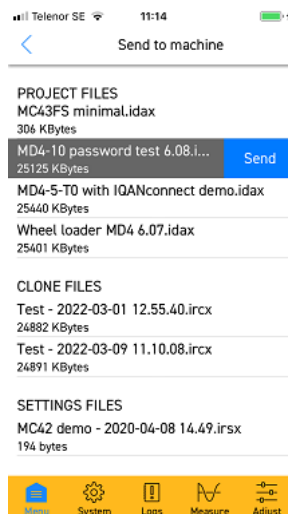
Use this operation to send a project, clone or settings file to your machine. You can send files that are stored on your smart phone.

Make sure the machine is positioned safely, then follow the steps below:

1. Make sure the machine is positioned safely, then tap *Send to machine*.



2. Select the **project, clone or settings** file you want to send to machine.



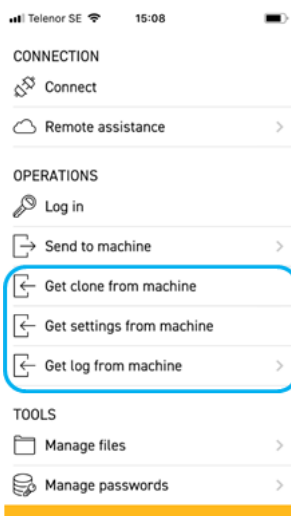
3. Tap the *Send* button.

- If not already connected, the connect dialog will be shown to let you connect to the machine
- If needed, enter project file password
- A dialog will show information about the file you are about to send
- A dialog will ask you to confirm that the machine is not moving and engine is off
- If needed, enter user name and password
- Wait for the update to complete

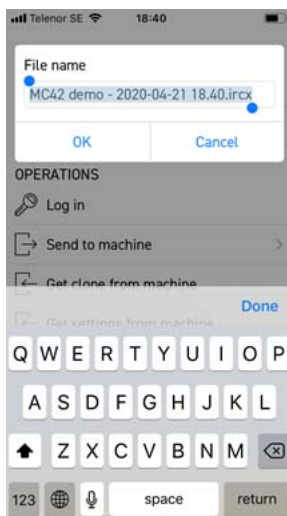
Get from machine

Backups in the form of clone files, settings files and logs can be retrieved from the machine. Follow the steps below:

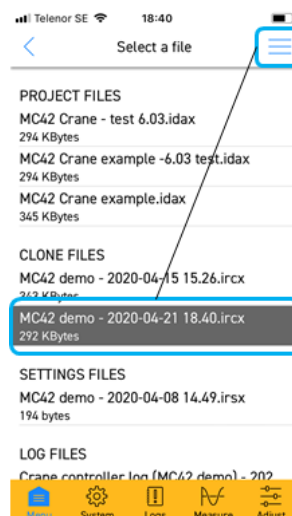
1. Select *Get clone*, *Get settings* or *Get log from machine*.
(if not already connected, the connect dialog will show)



2. For logs, select the log you want to get.
Wait for the file to be retrieved.
Enter a file name.



3. The file is saved in the IQANgo folder.
Use the menu button to email file.

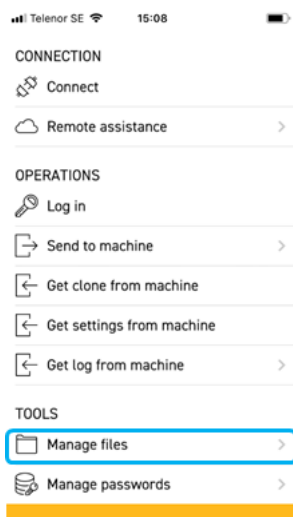


For more details on clone and settings files, see *Get operations* in the *IQANrun user manual*.

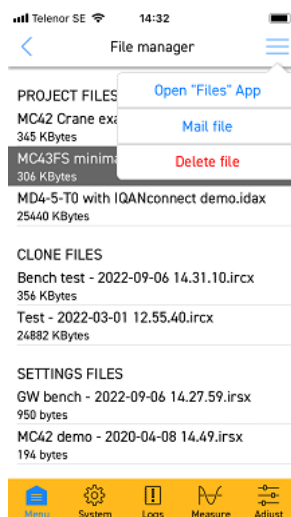
Manage files

Use this menu item to view your local files. Selecting a file will allow you to mail it or delete it.

1. Select *Manage files*.



2. Select a file.



3. Tap the menu button and select *Mail* or *Delete*.

iOS lets you open the *Files* app from this menu.

This menu shows files stored locally on the device in the IQANgo folder.

On iOS devices, the folder can be accessed via the iOS Files app. The folder's location is *On My iPhone > IQANgo*.

On Android devices, the menu option *Import file* lets you import files from another folder or another app such as *OneDrive*.

With *Export file*, the selected file can be exported to the *Downloads* folder on the device.

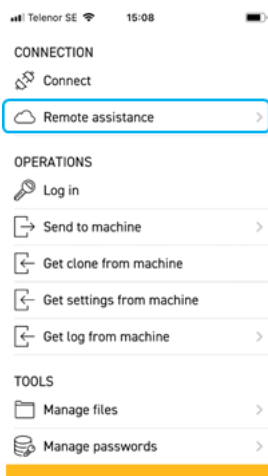
Remote assistance

The IQANgo app, together with the IQAN-G11/G12, can connect the machine to Internet, making the IQAN system available to remote support via the IQANconnect service.

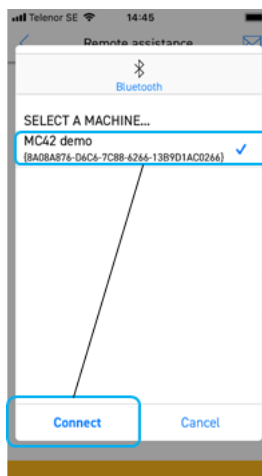
IQANgo user at the machine

Make sure Bluetooth is On. Start IQANgo and follow these steps:

1. Select *Remote assistance*.



2. When the machine shows up, select it and tap *Connect*.



3. The *IQANconnect* key is shown.



4. The *IQANconnect* key can be sent to the person who will connect.

The IQANconnect key that is shown in the *Remote assistance* menu is unique to your phone. If you connect a different machine to Internet using the same phone, the same IQANconnect key will be used.

Also see the *IQANrun user manual* section on *Remote assistance*.