



Operating Manual

Rev. 3 – 04.09.2008

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L*mpressa*
LAN

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1. Contents of Delivery



ICS Module (also LAN Module)



Mains Adaptor



Connecting Cable
ICS Module – MDB-Interface¹



RS232 Cable

¹ **MDB-Interface:** Optional Supplies, JURA Art. 64481

2. Safety Instructions

- Use the delivered mains adaptor only (**5VDC**).
- The ICS Module connections are specially designed for the purpose described on this document only and may get damaged by any other use.

3. Connections



- **5VDC** The ICS Module requires an external power supply
- **USB** Necessary for configuration of the ICS Module
- **LAN** Mains Connection
- **MDB** Connection through MDB-Interface to Impressa coffee machine
- **Impressa** Direct connection to Impressa coffee machine

4. Cabling

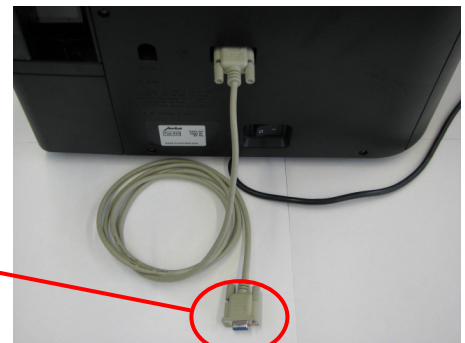
In order to equip a coffee machine with an ICS Module you must proceed as follows:

First choose between the two connection variants a. or b.

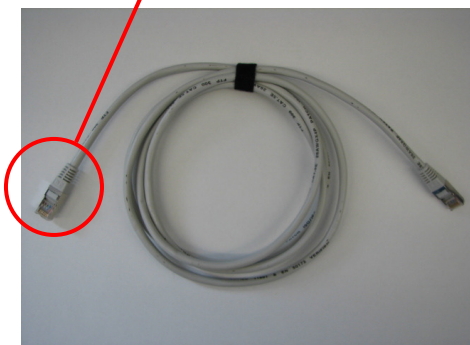
a. Direct connection to the coffee machine



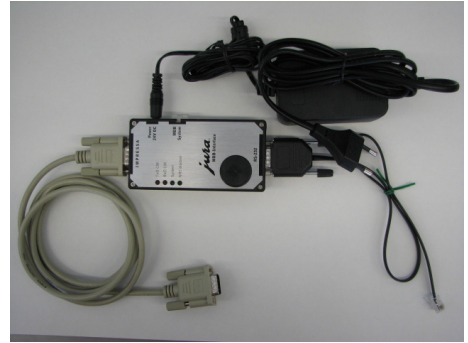
1. Connect the **IMPRESSA** connection by a RS232 cable to a machine.



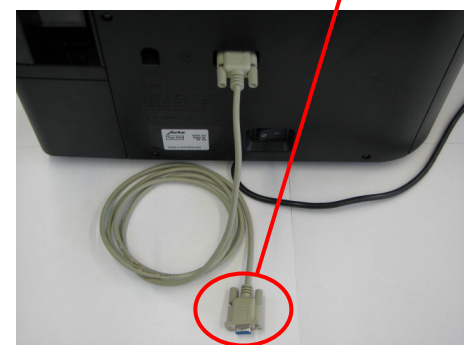
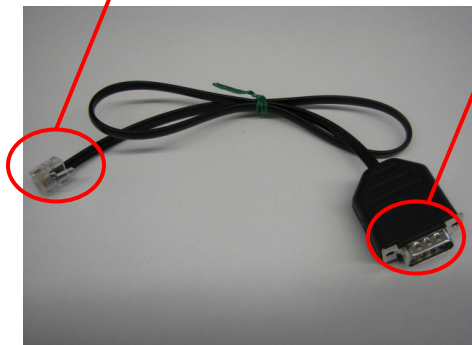
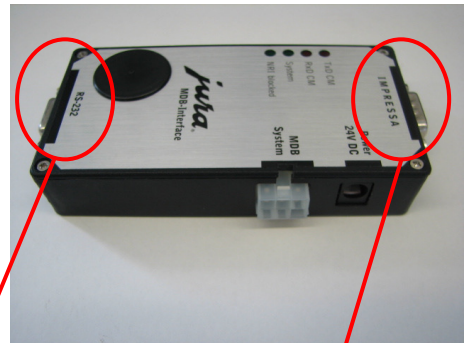
2. Make sure that the ICS Module is connected to a power supply and to a network.



b. Connection through MDB-Interface (JURA Art. 64481)



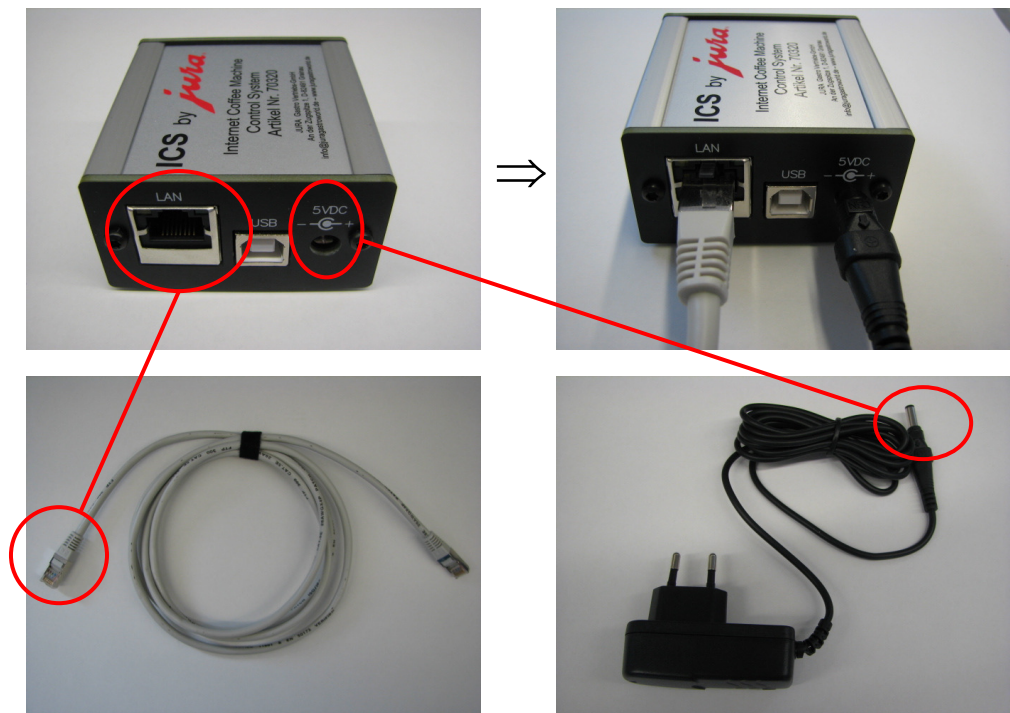
1. Take the ICS Module – MDB-Interface Cable (included in the delivery contents), to make the connection between the ICS Module and an **MDB-Interface** with a coffee machine.



2. Feed the MDB-Interface with the corresponding network adaptor.



3. Make sure that the ICS Module is connected to a power supply and to a network.



Advice: In order to connect further ICS Modules repeat point a. or b. For detailed information about the MDB-Interface please read the instructions to the product JURA MDB-Interface Art. 64481.

5. Client

5.1. Installing Client

Install the Client as described on the Installation CD. The installation starts automatically. If it doesn't, start the CD and double click on the file „setup.exe“.

Follow the interactive instructions guiding you through the installation. For further information please consult the „Impressa LAN Client Quick Installation Guide.pdf“ on the same CD.

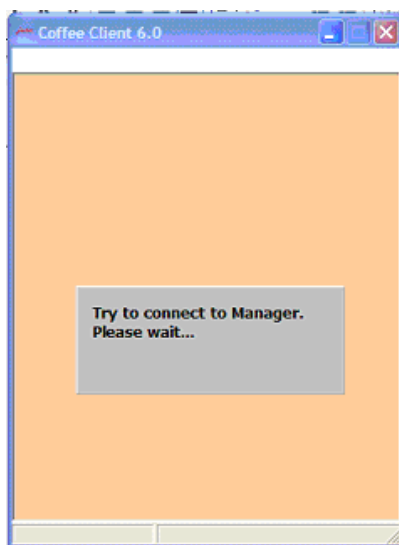
5.2. Requirements

In order to work with the Client Software a connection to a Manager and a connection to at least one ICS Module or a coffee machine is required.

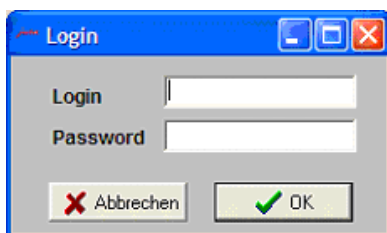
Contact the Manager for equipping further coffee machines with the ICS Module and for their integration to the system.

5.3. Operating Client Software

Double click on the linkage „Impressa LAN Client“ on your desktop or in the start menu. If none of these linkages exists, start the file on the program file "C:\Programme\JURA Elektroapparate AG\Impressa LAN Client\Client.exe". The following window appears:



Then you will be asked to type in your "Login".

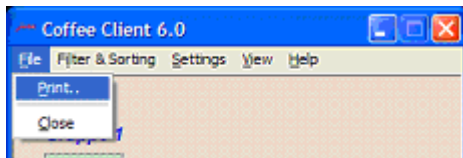


Type in your „Login“ and „Password“. If you do not possess a „Login“ please contact your Manager.

Press „OK“ to confirm the input and press „Cancel“ to step out of Login. The Login window will close.

7.3.1 Operating Menu

File

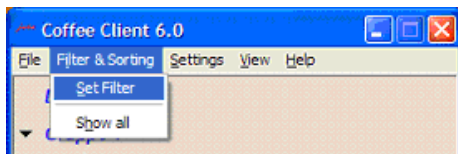


By „Close“ you can close the „Coffee Client“ and by „Print..“ you can see a preview of the print version.

The preview includes a summary of the indicated machines. Please note that only the machines indicated in the main window will be shown in the preview. In order to enable the printing of all information on all the machines the filter must be inactivated.

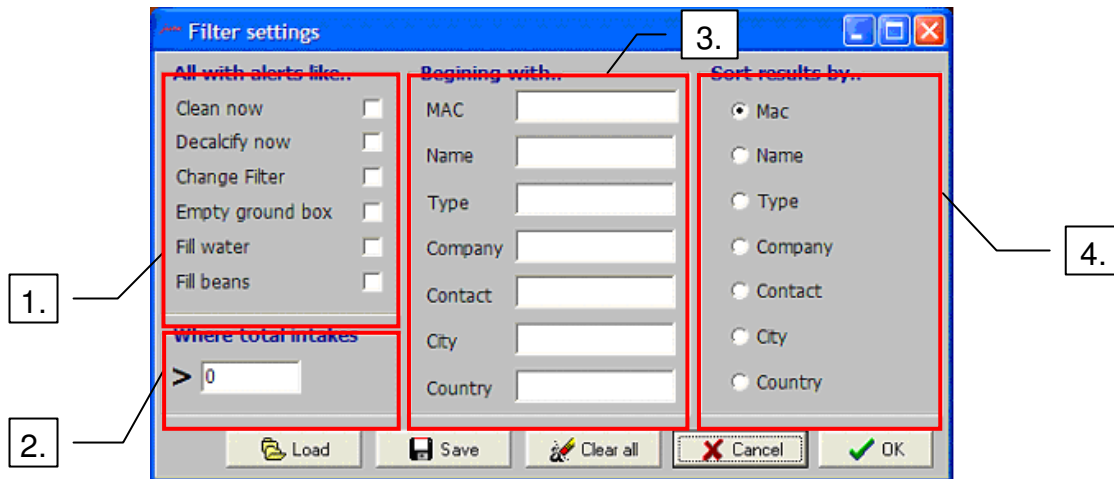
The summary can be saved or printed out.

Filter & Sorting



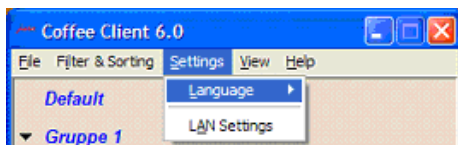
„Set Filter“ opens the „Filter settings“ window which enables you to filter and/or to sort the indicated machines according to certain criterions. „Show all“ backs out all filter settings.

1. Pending alarms can be filtered. Various alarm filters can be selected at the same time, as well.
2. After typing in a max. 5 digit value (xxxxx) in the field, all the machines with a number of coffee output exceeding the number xxxxx will be indicated.
3. The input fields in the middle serve for further filter criterions. These can, however, only be filled out by half. The MAC Address is limited by max. 12 digits. All other fields are limited by 25 characters/digits. Making several filter registrations at once is possible, as well.
4. The sorting can be done according to the criterions seen in this field. One sorting can be selected only.

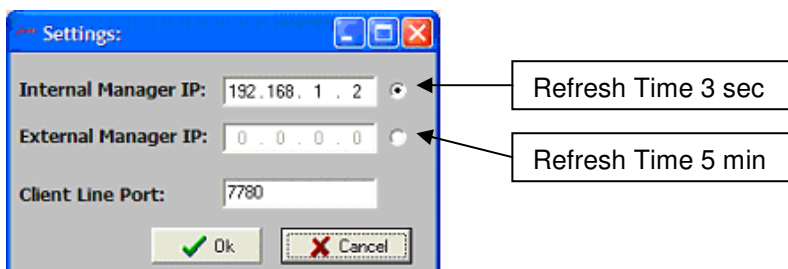


- **OK:** Confirmation of input. Filter and sorting will be applied to.
- **Cancel:** To step out of the „Filter settings“.
- **Clear all:** Deletes all registrations done, after which new filter and sorting settings can be done.
- **Save:** The settings can be saved by pressing the „Save“ Button.
- **Load:** Saved settings can be downloaded anew by pressing „Load“.

Settings



The language can be selected and additional „LAN Settings“ changes can be done here. At the moment only English language available.



You can press key F5 not to wait until the elapse of the Refresh Time. The actual IP Addresses will be displayed.

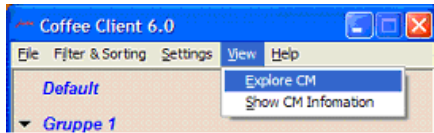
You can choose between an internal or an external Manager IP. These are available at the Manager or your Network Administrator.

The „Client Line Port“ is the port for the communication between the Client and the Manager

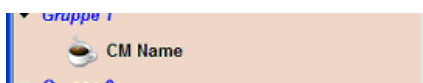
(7780 is a pre-set value). In case of an existing Firewall this Port must be open outwards.

Confirm the settings by „OK“. Step out of the „LAN Settings“ without saving by pressing „Cancel“.

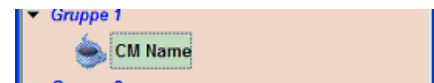
View



By „Explore CM“ you start the „Coffee Machine Explorer“ of the already selected machine (with green background). Explorer does not open if no machine is selected yet.



Machine not selected.



Machine selected.

Coffee Machine Explorer - X7 Kaffee Ecke

Schweiz
Niederbuchsiten
Kaffeeweltstrasse 10
+41 (0) 62 389 83 10

Refresh Status Last refreshed: 10.08.2007 00:01

Status On/Off	Alert	
Decalcify Alert Coffee	OK	
Decalcify Alert Steam	OK	
Clean Alert	OK	
Filter Alert	OK	
Right Bean Container	OK	
Left Bean Container	OK	
Fill Water	Alert	
Grounds Box missing	OK	
Empty Grounds Box	OK	
Drip Tray missing	OK	
Empty Drip Tray	OK	

Key 1 (Cappuccino) Products Total:	73
Key 2 (1 Espresso) Products Total:	588
Key 3 (2 Espresso) Products Total:	59
Key 4 (1 Coffee) Products Total:	1829
Key 5 (2 Coffee) Products Total:	12
Key 6 (Milk coffee) Products Total:	0
Key 7 (Milk foam) Products Total:	0
Key 8 (Mill selection) Prod. Tot.:	0
Total hot water portions:	689
Tot. Coffee (service counter):	2561
Steam total (min):	46
Hot water total (dl):	1367
Mill left Milltime Total (s):	8684
Mill right Milltime Total (s):	6511
Total coffee mill left only:	415
Total coffee mill right only:	101
Decalcifications total:	5
Decalcify fluid total (dl):	41
Steam since last decalcify (min):	0

Offline MAC 00409D2AFA1D DIGI ConnectME v1.27

The Explorer shows you...

... when the machine was read out last time (**Last refreshed:**).

... which machine it is.

... what is the machine condition. A pending alarm is marked in red colour as „Alert“ (left side).

... the counter values (right side).

The status line shows you the Machine Status, the MAC Address and the DIGI Version.

Refresh Status

: Pressing this Button activates the readout of the machine and updating of the shown values. The machine will then be set out of function for a short moment.



- **Terminal:** Can only be used if you have connected a terminal to your computer. Pressing the Button starts the program „Customer Card“.



- **MDB Settings:** Only visible if an MDB-Interface is connected between the ICS Module and the machine and if you have the permission from the Manager.

Switch the Inkasso function by „Switch On“ / „Switch Off“ on or off. You can give each product an individual price and make it active or inactive by a tick. Additionally you can set the value of each channel at credit inlet.

You can make changes on the displayed texts ...

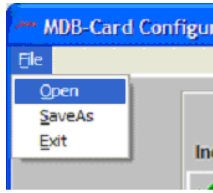
... with valid credit and/or

... when no credit available.

Please note that you use exactly as many characters as given for display text length. Important: Fill out all not needed space with the blank key.

Example: The text length is 0012. The display text must be „BEREIT.....“ oder „..PREIS.....“. (Blank characters are marked here by points.)

Press „Save“, when you wish to transfer the new settings into the MDB. With „Refresh“ you can read out the actual MDB settings.



Save the settings by „File → SaveAs“. The settings can be anytime downloaded again by „File → Open“.

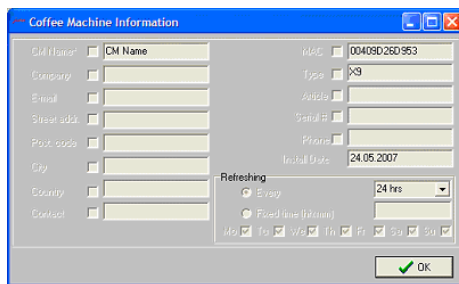


- **Save:** Saves the actual condition, counters and machine data in a text file.

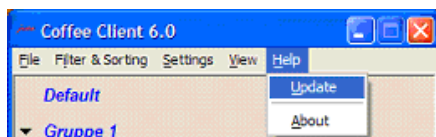


- **Print:** Prints out the information above. First you will be asked to select a printer. After this a preview is shown, which you can save or print out.

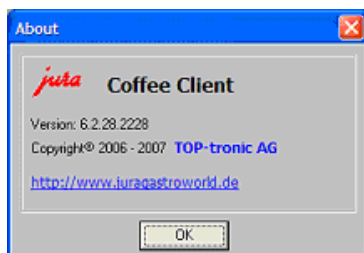
The below window opens when you select „View → Show CM Information“ in the menu. The registrations made by the manager get visible. The Client cannot make changes on these.



Help

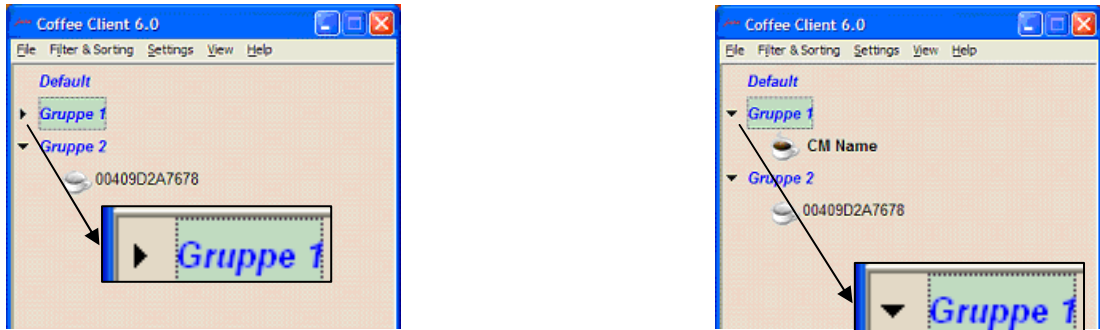


- **Update:** Start the Update of the Client Software. For further information please read chapter **Fehler! Verweisquelle konnte nicht gefunden werden.** (Update).
- **About:** Shows you the program information.

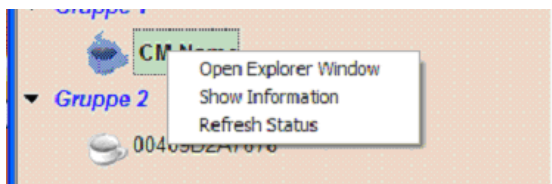


7.3.2 Operating Surface

Registrations can be divided in different groups by the Manager only. These can be seen in „Coffee Client“. The groups can be closed and opened again. For this press the triangle pointing down or to the right, positioned on the left side edge of the window.



Double clicking on a registered machine opens the corresponding „Coffee Machine Explorer“. This can be selected also in the Dropdown Menu that gets visible by right clicking on the machine.


















You can also select „Show Information“ on the Dropdown Menu.

Please pay attention to opening the window of the selected machine and not the one that happens to be under the mouse cursor.

If the selected machine is online you can update the status directly by the Dropdown Menu by selecting „Refresh Status“.

For further information on „Coffee Machine Explorer“ or „Show Information“ please read „View“ in chapter 7.3.1 (Operating Menu).

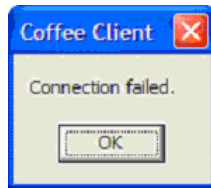
6. Symbols

Symbol	Explanation
During build-up of connection:	
	After starting LAN Manager / Client
	ICS Module was online before last exit.
	ICS Module was online before last exit. (MDB active)
	If a package is transferred to the Manager after starting the ICS Module. The Manager must transfer user name and password.
	If a package is transferred to the Manager after starting the ICS Module. The Manager must transfer user name and password. (MDB active)
	ICS Module and machine are online.
	ICS Module and machine are online. (MDB active)
	ICS Module and machine are online. Scheduler task is been executing.
	ICS Module and machine are online. Scheduler task is been executing. (MDB active)
Communication is active:	
	Data transfer between ICS Module and manager is taking place.
	Data transfer between ICS Module and manager is taking place. (MDB active)
After a communication error or wrong user name/password:	
	Password is wrong, ICS Module cannot contact Manager.
	Password is wrong, ICS Module cannot contact Manager. (MDB active)
	Communication error, network connection disconnected.
	Communication error, network connection disconnected. (MDB active)

7. Debugging

7.1. Client

1. The connection to the server has failed:



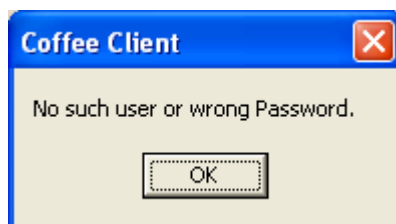
- Check that you are connected to a network.
- Check that the Manager IP is typed in correctly.
- If the problem does not get solved contact the Network Administrator or the Manager.

2. The connection to the Manager is interrupted:



- Check that you are connected to a network.
- If the problem does not get solved contact the Network Administrator.

3. Wrong Login:



- Type in the correct Login data.
- If you have further questions please contact the Manager.