

T.I. no.: 2018 - 02 Updated: -	Topic: Schaerer Barista Software 1.7.1
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Date: 08.02.2018	Priority	Need for action
Affected machines: Schaerer Barista	High	As soon as possible
From serial number: -	X Medium	X On next visit to the machine
As of date: -	Low	FYI only

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NEW FUNCTIONS AND IMPROVEMENTS

The following is an overview of the improvements:

New functions:

- Brewing time control improved
- Machine equipment – "Telemetry protocol" wheel

Improvements:

- Optimisation to prevent "No connection to control" and "Application error" error messages
- Steam boiler descaling adapted
- Display corrections in "Traditional Chinese" language

Brewing time control improved

The previous brewing time control had an evaluation stored in the software. This evaluation was useful if there were major deviations from the entered target contact time of the reference beverage over the last 5 brewings.

Since this led to a relatively frequent response, the extremely useful brewing time control feature was usually not activated or used.

With the new software, therefore, in addition to the previous evaluation (sensitive = 5 brewings), further evaluation levels are now available (fine = 10 brewings / regular = 20 brewings).

When the brewing time control is activated, the customer is still prompted by a display message to set the grinding level 1 scale line coarser or finer.

If this was confirmed in the display but not or incorrectly carried out, this resulted in a small, but incorrect correction of the grinding quantity.

As this incorrect handling on the part of the customer cannot be excluded, this automatic grinding quantity correction has been removed from the software.

Important note:

The brewing time control is also still inactive with software 1.7.1 in the default setting.

For machines on which the brewing time control was already active before the update, it is automatically set to the evaluation level "Sensitive" after a software update to version 1.7.1.

Machine equipment – "Telemetry protocol" wheel

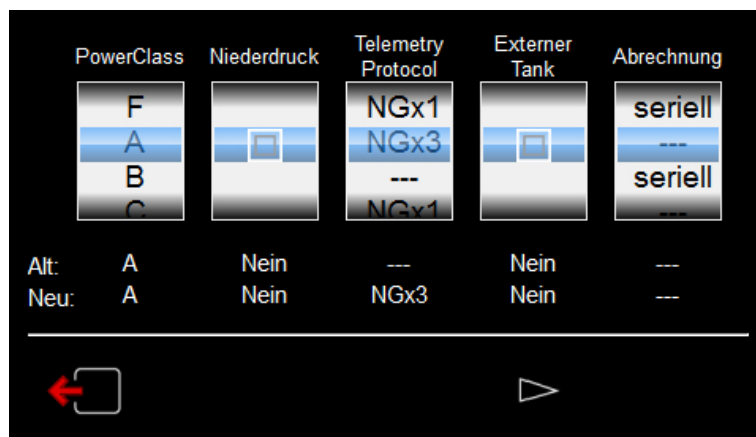
With the new software, the "RDA" checkbox has been changed to the "Telemetry protocol" wheel.

RDA can be activated in the "Telemetry protocol" wheel and the protocol type with which the RDA module should work can be set in the "Telemetry protocol" selection. Two protocol types are available for selection:

- NGx1, which corresponds to the existing functional scope with current RDA hardware.
- NGx3, which is planned for the future with extended functional scope and advanced RDA hardware.

After a software update, the NGx1 protocol setting was automatically made on machines for which RDA was already activated.

System > Machine equipment > Telemetry protocol



"No connection to control" and "Application error"

Extensive investigations of these errors and the affected front panels showed that data was being stored in a memory area unsuitable for the application and this led to the aforementioned error message.

With the new software, the memory area is now firmly defined so that these cases can no longer occur.

Steam boiler descaling adapted

The "Steam boiler descaling" service routine newly introduced with version 1.6.1 has been further optimised. The descaling result has been further improved by modified rinsing routines and rinsing quantities.