



MODBAR TECHNICAL BULLETIN #34 espresso AV new firmware

Dear Modbar family member,

starting from s/n MB002482, all modbar AV modules will have new firmware version 1.2.0.

The new firmware has several improvements and fixes some minor bugs and language mistranslations.

Among the various changes, we would like to call your attention to the following features:

- RTD Trims are now stored on the Universal Board. They won't be erased when updating the firmware the next time, doing a preset or replacing the Linea PB board. (this feature might not work with older Universal boards).
- "Scale Tare Time" is now shown only if a Scale is present.
- the maximum settable temperature has been decreased to 104°C.
- increased LED blinking frequency in Eco Mode.
- quick exit from Eco Mode by engaging the Tap.
- "Inlet Boiler Temperature" is now shown in the technical menu.
- there's a menu for selecting if voltage is 220V or 110V (110V version is currently available only for modbar AV-1GR). It is important to set the right voltage to make the machine use the proper PID settings.
- smart PID constants have been further improved and are no longer visible/changeable in the menu.
- when an alert appears, it is now possible to stop the brewing by using the tap.
- when having an extra tap and scales, it is now possible to have tap 2 "mirror" tap 1, to copy all MASS and BREWRATIO settings from one group to the other. The lever functions will also be copied and if changes are made on tap 1 they will automatically change on tap 2.

The firmware 1.2.0 is available for download here <https://modbar.com/support/>.

Please do not hesitate to contact us if you have any questions.

Modbar Support Team.
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For technical documents, service and installation guides, please visit
<http://www.modbar.com/support>

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