



November 7, 2023

Subject: Dymax Updates BlueWave®FX-1250 Firmware to Version V3.23.11 (Firmware) and R3.23.01 (User Interface)

Dear Valued Customer:

Dymax is committed to providing industry-leading light-curing, dispensing, and process verification equipment for UV-curable materials and processes. We strive to continuously improve and adapt our equipment as the needs of our users evolve.

Dymax has updated the firmware for our FX-1250 single channel and two-channel controllers to version V3.23.11(Firmware) and R3.23.01 (UI). This update improves ease of use and interaction with the controller in PLC mode. The following have been updated:

- 1) The HMI may now be locked to prevent inadvertent triggers during operation.
- 2) When in PLC mode, the HMI can be unlocked for access to parameter setting. This allows users operating the FX-1250 via footswitch in PLC mode to change parameters without disconnecting the footswitch.
- 3) The HMI now unlocks when PLC mode is exited.
- 4) In previous versions, the FX controller would run the sequence entered on the HMI in entirety when triggered with the footswitch or a PLC pulse. Now, a second footswitch trigger or PLC pulse will stop the sequence.
- 5) In previous versions, the LED status output would return the state of the LED input command to that channel. Now, the LED status output will report the actual on/off status of the emitter connected to that channel.

The update is applied to all new FX-1250 controllers starting with **SN: CDAH0060**. It is not considered critical to quality. Users are not required to update their controllers to maintain normal functionality.

Dymax values the experience of our customers and understands that some users with FX-1250 installations may find this update desirable. Therefore, this update is offered as a free service to any affected user. FX-1250 controllers may be returned to Dymax to receive the update. Please check your part number and contact your local Dymax Equipment Services department to arrange a return.

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Part Number	Description	Part Number	Description
88804	FX1250 CTRL 2CH CN PLUG KIT	88854	FX1250 1CH 405NM DEMO KIT
88805	FX1250 CTRL 1CH CN PLUG KIT	88855	FX1250 1CH405NM COMPKIT NACORD
88846	FX1250 CONTRLER 1CH NA PLUGKIT	88856	FX1250 1CH365NM COMP KITNOCORD
88847	FX1250 CONTRLER 2CH NA PLUGKIT	88857	FX1250 1CH385NM COMP KITNOCORD
88848	FX1250 1CH365NM COMPKIT NACORD	88858	FX1250 1CH405NM COMP KITNOCORD
88849	FX1250 1CH385NM COMPKIT NACORD	88859	FX1250 1CH365NM COMP KITCNCORD
88850	FX1250 CONTRLER 1CH KIT NOCORD	88860	FX1250 1CH385NM COMP KITCNCORD
88851	FX1250 CONTRLER 2CH KIT NOCORD	88861	FX1250 1CH405NM COMP KITCNCORD
88852	FX1250 1CH 365NM DEMO KIT	88004	FX1250 CTRL 2CH
88853	FX1250 1CH 385NM DEMO KIT	88005	FX1250 CTRL 1CH

Dymax offers a full portfolio of LED and broad-spectrum light-curing products. More information can be found on [our website](#), including models, literature, and drawings for currently available equipment.

Please contact your Dymax Sales Representatives or Customer Support for more information and quotes for our products. We appreciate your understanding, and value your continued relationship with Dymax.

Sincerely,

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