

Encore[®] HD and XT Manual Powder Spray Controller Configuration Guide

The controller is shipped non-configured and must be programmed to the system before powder can be sprayed. Use this guide to configure the Encore[®] HD and XT manual powder spray controller for initial system setup. See Table 2 for system listings and functions.

The following controller functions must be programmed before operation:

Table 1 Function Settings

Function Number	Function Name	Function Values	Default HDLV Mode	Note
F00	Gun Type	00=Encore HD or XT, 02=Robot	00	
F01	Fluidizing	00=Hopper, 01=Box, 02=Disable	02	
F18	Pump Type	00=Venturi, 01=HDLV, 02=COD	00	
F19	Control Type	00=Local, 01=External	00	
F20	Gun Number	1, 2, 3, or 4	00	A

NOTE A: The gun number function must be programmed before the gun will spray.

Opening the Function Menu and Setting Preferences

See Figure 1.

 Press and hold the **Nordson** button for 5 seconds. The Function/Help display lights to show the function numbers and values. Use the functions to configure the controller for your application.

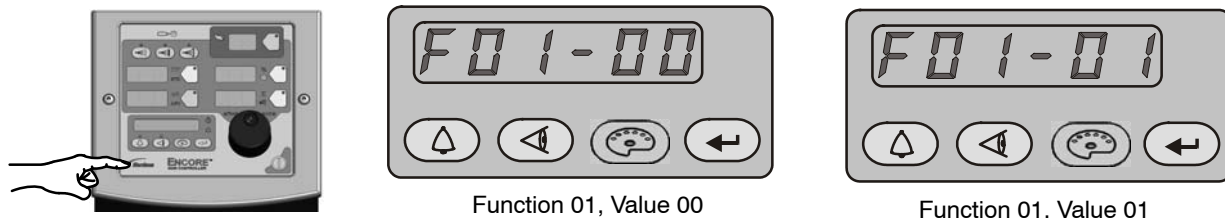


Figure 1 Displaying and Changing Configuration Functions

When the function number is selected, the function number blinks. When the function value is selected, the function value blinks. To scroll through the function numbers or values rotate the knob. Press the **Enter**  button to save the change and exit the value, so that rotating the knob now scrolls through the function numbers.

See Table 2 for system listings and functions.

Table 2 System Configurations

System			Controller Functions					
System Description	With nLighten™ Option	System Part Number	Gun Type F00	Fluidizing F01	Pump Type F18	Control Type F19	Gun Number F20	Note
Encore HD Stand Alone Single	1613902	1605590	00	02	01	00	01	
Encore HD Stand Alone Dual	1613904	1606815	00	02	01	00	01 or 02	A
Encore HD Wall Mount/Rail Mount	1613903	1605594	00	02	01	00	01	
Encore HD Mobile 50-lb. Hopper	1613899	1605587	00	00	01	00	01	
Encore HD Mobile System 115V VBF	1613900	1605588	00	01	01	00	01	
Encore HD Mobile System 230V VBF	1613901	1605589	00	01	01	00	01	
Encore HD w/Prodigy Pump and Stand Single	1613895	1605272	00	02	01	00	01	
Encore HD w/Prodigy Pump and Stand Dual	1613896	1605273	00	02	01	00	01 or 02	A
Encore HD w/Prodigy Pump (no stand) Single	1613897	1605274	00	02	01	00	01	
Encore HD w/Prodigy Pump (no stand) Dual	1613898	1605275	00	02	01	00	01 or 02	A
Upgrade Prodigy to Encore Single	1613893	1604834	00	02	01	00	01	
Upgrade Prodigy to Encore Dual	1613894	1604835	00	02	01	00	01 or 02	A
Color on Demand Encore HD Single	1613913	1612630	00	02	02	00	01	
Color on Demand Encore HD Dual	1613914	1612631	00	02	02	00	01	
Color Max Rail Mount 115V Encore XT	1613889	1603568	00	02	00	00	01 or 02	A
Color Max Rail Mount 230V Encore XT	1613890	1603569	00	02	00	00	01 or 02	A
Encore XT Rail Mount 115V	1613880	1600821	00	02	00	00	01	
Encore XT Wall Mount 115V	1613881	1600822	00	02	00	00	01	
Encore XT Rail Mount 230V	1613887	1600831	00	02	00	00	01	
Encore XT Wall Mount 230V	1613888	1600832	00	02	00	00	01	
Encore XT Mobile 115V VBF	1613882	1600827	00	01	00	00	01	
Encore XT Mobile 230V VBF	1613884	1600828	00	01	00	00	01	
Encore XT Mobile 50-lb. Hopper	1613885	1600829	00	00	00	00	01	
Encore XT Mobile 25-lb. Hopper	1613886	1600830	00	00	00	00	01	
NOTE A: System includes 2 manual guns. Guns cannot have the same gun number.								

Issued 07/18

Original copyright date 2018. Encore, Nordson, and the Nordson logo are registered trademarks of Nordson Corporation.

nLighten is a trademark of Nordson Corporation.

All other trademarks are the property of their respective owners.