

DataMan® 5.4.5 Release Notes

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DataMan 5.4.5 is a firmware-only release for DataMan 8600 series, DataMan 8600V, and DataMan 8050 series handheld readers. This release supports tethered, Bluetooth, **and Wi-Fi** communication modules.

This release supports the DM8600HDX and updated hardware configurations for the standard DM8600. Please note this firmware will not allow downgrading to an older firmware if the current hardware configuration support cannot be guaranteed.

The DM8600 tune button is now disabled by default.

Bluetooth pairing has been enhanced to automatically disable the reader pins after pairing has been completed and will take effect on the first wireless link up.

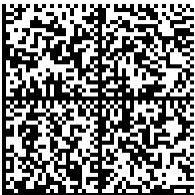
In scripting, the ability to change the system event to a no-read event has been added provided the reader has this feature.

This release also includes features added in 5.4.4 CR firmwares and some miscellaneous bug fixes.

The following pages contain a series of Reader Programming codes to support existing functionality and some of the new functionality in the DataMan 5.4.5 release.

PowerGrid

The following RP codes can be used to enable or disable PowerGrid. Note that on a DataMan 8600, this will enable/disable PowerGrid on the four standard read setups plus the “Tuning” read setup.

	Enable PowerGrid DM8600 (Default)	
	Disable PowerGrid DM8600	
	Enable PowerGrid DM8050X (Default)	
	Disable PowerGrid DM8050X	

Wireless Reader Pairing

The following RP codes are used for initiating pairing on or unassigning (un-pairing) wireless readers. For force-pairing mode, the reader should be properly docked on the base station while it is in the green-blue flashing mode.

	Enter Force-Pairing Mode DM8050 • DM8600	
	Unassign Reader From Base Station DM8050 • DM8600	

Wireless Reader Communication Pins

The following RP codes allow for enabling and disabling the communication pins on the handheld readers.

Note 1: Readers must have their pins enabled in order to perform a firmware upgrade.

Note 2: The auto-disable pins code must be scanned before pairing if you do not desire this feature to take effect

	Enable Reader Communication Pins (communicate over pins when docked) DM8050 • DM8600 (Default)	
	Disable Reader Communication Pins (communicate wirelessly when docked) DM8050 • DM8600	
	Enable Auto-disable Reader Communication Pins After Pairing DM8050 • DM8600 (Default)	
	Disable Auto-disable Reader Communication Pins After Pairing DM8050 • DM8600	

Tuning Button

The following RP codes can be used to enable or disable the tuning button on the DM8600.

	Enable Tuning Button DM8600	
	Disable Tuning Button DM8600 (Default)	

Tethered Reader Connection Status LED

The following RP codes can be used to enable or disable the tethered reader connection status LED that was added in 5.4.4 CR12.

	Enable Connection Status LED DM8050 • DM8600	
	Disable Connection Status LED DM8050 • DM8600 (Default)	

DM7500 HID Output (Corded reader)

The following RP codes can be used to enable or disable HID output in the same manner as the DM7500 that was added in 5.4.4 CR18.

	Enable DM7500 HID Output Mode DM8050 • DM8600	
	Disable DM7500 HID Output Mode DM8050 • DM8600 (Default)	
	DM7550 Mode (Default if DM7500 HID Output Mode enabled)	
	DM7500 Mode	

DM7500 HID Output (Wireless reader)

The following RP codes can be used to enable or disable HID output in the same manner as the DM7500 that was added in 5.4.4 CR18.

	Enable DM7500 HID Output Mode DM8050 • DM8600	
	Disable DM7500 HID Output Mode DM8050 • DM8600 (Default)	
	DM7550 Mode (Default if DM7500 HID Output Mode enabled)	
	DM7500 Mode	

Bluetooth Inquiry Mode

The following RP codes can be used to enable or disable the BT single inquiry mode on lost connection that was added in 5.4.4 CR19.

NOTE: A reboot is required after scanning these codes to take effect

	Legacy Mode DM8050 • DM8600 (Default)	
	Single Inquiry Mode DM8050 • DM8600	
	Set BT Power Level to 7 dBm DM8050 • DM8600 (Default)	
	Set BT Power Level to 4 dBm DM8050 • DM8600	

Settings

Use the following codes to reset a reader to default settings, reboot, or save the configuration.

	Save Settings to Reader	
	Reboot Reader	
	Reset Reader to Default Settings	