

## Connecting the LCD Race Display to Holley EFI via CAN Bus

Connecting your LCD Race Dash to your engine management system (EMS) can expand the data you are logging as well as allowing critical warnings to appear after setting them up in DataPro Designer. There is significant benefit to being able to see the data your EMS has on the CAN bus. Below are the steps involved to connect your LCD Race Dash to Holley EFI engine management. This guide assumes you have the latest version of DataPro (available on or website).

1.) Open DataPro Designer and start or load a configuration for the 6021/ST9918 LCD dash logger.

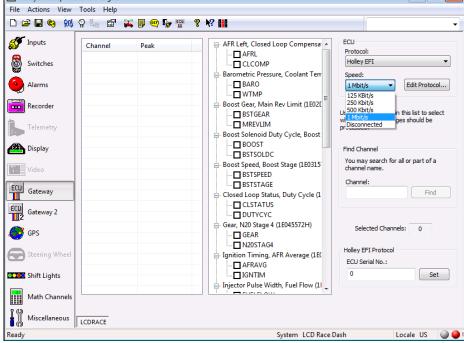
🗓 HolleyEFI Setup - DataPro Designer 💿 🔳 💌								
File Actions View Tools Help								
🗅 🚅 🗐 🎭 🙌	임 빅a 🖆 🐹 🗦 🥶 🦻 🏆 📍 🕅							
f Inputs	System Configuration Properties							
Switches	HolleyEFI Setup							
Alarms	Select your System:	Select your Display Type:						
•-• Recorder	LCD Race Dash (16 i/p, 1000Hz Rec)	LCDRACE LCD Race Dash						
Telemetry	System Modules: LCDRACE 16 i/p 1000Hz 128ch 8192Mb Modules	Show Legacy Systems and Displays						
Display								
Video								
Gateway	Enter a description for this new configuration: [Optional]							
Gateway 2		*						
GPS								
Steering Wheel								
Shift Lights		× .						
Math Channels		Continue						
Miscellaneous								
Ready	S	ystem LCD Race Dash 🛛 🛛 Locale US 🍚 🍚 !						

2.) Select the ECU Gateway (ECU Gateway 2, if applicable) tab on the left side of the DataPro Designer window.

HolleyEFI Setup - DataPro Designer	
File Actions View Tools Help	
□ ☞ 🖬 🤫 🚧 ♀ ⊑₀ 😭 🐹 🛢 🧠 ષ୍ଟ୍ર 🎹	
f Inputs Channel Peak	ECU Protocol:
Switches	Speed:
Alarms	Disconnected   Edit Protocol
Telemetry	Use the checkboxes in this list to select which channel messages should be processed.
Display	Find Channel You may search for all or part of a
Video	channel name. Channel:
ECU Gateway	Find
GPS GPS	Selected Channels: 0
Steering Wheel	Holley EFI Protocol ECU Serial No.:
CIES Shift Lights	0 Set
Math Channels	
Miscellaneous CDRACE	
Ready	System LCD Race Dash Locale US 🥥 🥥

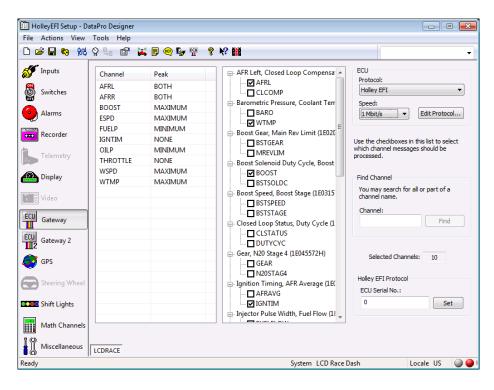
3.) Use the dropdown menu to select Holley EFI and set the CAN speed to Imb/s

🛄 HolleyEFI Setup - D	-		x		
File Actions View	Tools Help				
□ ☞ 🛛 🗞	Ŷ 4ª 🗗 🐹 🖡 🔍 🥵 🖫 🤋 🕅	· ##	-		
<ul> <li>Inputs</li> <li>Switches</li> <li>Switches</li> <li>Alarms</li> <li>Recorder</li> <li>Telemetry</li> <li>Display</li> <li>Video</li> <li>Gateway 2</li> <li>GPS</li> <li>Steering Wheel</li> <li>Shift Lights</li> </ul>	Channel Peak	ECU Protocol: #6034 Wide Band Lambda Module AEM EMS-4 AEM Infinity AEM Infinity-Series 2 Bosch MS3 Bosch MS4.3 W EFT Euro-6 Euro-12 PF Electo-6 Euro-12 PF Electomotive TEC S Haltech Modey EFT Import 1 Import 2 J1939 J1939 29-bit Life Racing MAST_M-90_M-120 MBE NASCAR SECU Oshkosh Porsche GT3 2002 R600 Race 2013 Std RacePak SEAT Sport 2010 Sportsman Sensor Module STAT Jon 2010 Stack TPMS - V7			
Math Channels					
Miscellaneous	LCDRACE				
Ready		System LCD Race Dash Locale US 🕻	) 🥚		
🔝 HolleyEFI Setup - D	NataPro Designer				
File Actions View Tools Help					



4.) Enter in your Holley EFI serial number and click the Set button. *NOTE:* Without the serial number entered for the specific ECU you are connected to, the LCD Race Dash will not communicate.

5.) Select the channels you wish to monitor/data log. Select how you would like the peak to function on each channel.



Stack Motorsport North America Sycamore, IL USA 60178 Tel: 888 867 5183 Fax: 888 364 2609 Email: <u>sales@stackItd.com</u> www.stackItd.com

4

- 6.) Select the Miscellaneous tab on the left side of DataPro Designer
- 7.) Select the check box to Enable internal termination of CAN bus 1 (CAN bus 2 if applicable)

🔃 н	🗓 HolleyEFI Setup - DataPro Designer 📃 💿 💌					
File	Actions View	Tools Help				
5	Inputs	Parameter	Setting			
<b>@</b>		Enable internal termination of CAN bus 1	×			
	Switches	Enable internal termination of CAN bus 2				
ā		Car Number	1	* *		
	Alarms	Obtain an IP address automatically	×			
<u></u>	Recorder	Static IP Address	0.0.0.0			
	Recorder	Time Zone	(UTC-06:00) Central America			
白	Telemetry	AFR Fuel Type (Lambda Sensor)	Lambda			
	)					
	Display					
	Video					
ECU	Gateway					
ECU	Gateway 2					
	:	Firmware Upgrade				
8	GPS	Current Version: unknown				
	Steering Wheel	Upgrade Package:				
			Browse			
	Shift Lights					
		Upgrade Once initiated, the upgrade process	cannot be cancelled!	Factory Reset		
	Math Channels					
I	Miscellaneous	LCDRACE				
Ready	/		System LCD Race Dash	Locale US 🏼 🅥 🥮		

8.) Complete your configuration and upload to the LCD Race Dash.