



# News Release

For Release: Immediately  
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## **Parker's new PHD Family of Color Displays for Mobile, Off Road Equipment Offers an Easy to Use Operator Interface for Improved Machine Productivity, and Ease of Use.**

**Elk Grove Village, Illinois, Sep 7, 2017** - The Electronic Controls Division of Parker Hannifin Corporation, the global leader in motion and control technologies, today announced the launch of the PHD Family of color, touch screen displays for mobile equipment. The PHD Displays are general purpose displays for vehicle instrumentation for rugged applications. The PHD family includes the PHD28 (2.8" nom.) and the PHD50 (5.0" nom.) diagonal screen sizes, along with full color, touch capable screens, CAN bus interfaces and built in I/O. In addition, the PHD50 comes with a single analog camera (PAL or NTSC) input.

The end user can customize the PHDs with their own custom bezel and by creating custom application software for a unique look and feel of the menus and screens. The PHD displays are programmed using an easy to use graphical programming and scripting tool. These tools allow for rapid application development for shorter development times, and faster time to market. The high resolution, color screens offer improved operator interfaces for better diagnostics, increased awareness of the machine operating parameters and easier access to configurations and settings.

In addition, the PHD displays support a wide variety of languages to allow machine builders to development global applications for a broader market reach. The PHD displays are ideal for rugged industrial and off-road vehicle applications. The high resolution, color screens are touch capable for improved operator interface. In addition, the PHD displays offer built in I/O for buttons and keypads for applications where a touch screen isn't practical. The PHD displays are rated for an ambient operating temperature of -20°C to +70°C and have offer ingress protection rating of IP65 on the back and IP69K on the front.

From construction machinery to busses, to material handling, operators are increasingly asking for more and better information about their machines. This includes easy to access configurations and settings, as well as clear fault and status messages. Also, as safety becomes more of a concern around machinery and the work site, the ability of the PHD displays to support video camera input allows machine designers to incorporate cameras for improved safety.

### Part Numbers

1040002ECD PHD28 Standard 2.8" Color Display

1041003ECD PHD50 Standard 5.0" Color Display

Learn more about the Parker PHD Displays at [www.gsgr.com](http://www.gsgr.com)

### **About Parker Electronic Controls Division**

Parker Electronics Controls Division is part of the Parker Hannifin Corporation Hydraulics Group and designs, manufactures and supports a full line of mobile controllers, displays, instrument clusters, sensors and components. This diverse range of products makes Parker Electronic Controls Division the leading supplier of electronics for mobile machinery and systems that meet and exceed today's demanding market requirements.

### **About Parker Hannifin**

Parker Hannifin is a Fortune 250 global leader in motion and control technologies. For 100 years the company has engineered the success of its customers in a wide range of industrial and aerospace markets. Learn more at [www.parker.com](http://www.parker.com), or at @parkerhannifin.

### **About GS Global Resources**

GS Global Resources (GSGR) is the foremost machine performance resource trusted by OEMs who demand advantage from every solution. For over 40 years some of the world's most recognizable industrial and mobile machine OEMs have trusted the company for continuous technology and innovative transfer.

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