

# ENABLING OPERATORS TO SENSE, SEE AND KNOW MORE

## maxAI™ CAN Bus Display Series

The status and health of vehicles and equipment is vital, regardless of the application size. Easily monitor all of your vehicle and equipment data with our maxAI CAN Bus Displays. An extensive series of models ensures a high degree of control and flexibility, each designed to fit your budget and monitoring needs. All models can be customized, and the entire series is complimentary to our full CAN Bus and DDBI portfolio.



maximatecc.



## maxAI 130

The maxAI 130 gives you a high degree of control in a compact, cost-effective package. With 12 screens and a configuration tool, the robust maxAI 130 offers full customization. The enhanced graphic display makes it easy to set up your ideal functions, including maintenance, operating hours and engine parameters.



## maxAI 280

The maxAI 280 provides the right real-time information you need, including key engine parameters, warnings and system messages. It has five configurable inputs and four outputs for ideal flexibility. The integrated Bluetooth® capability means the display can receive wireless updates, and you can troubleshoot the system without unmounting the device. A micro-controller ensures access to engine performance data in seconds.



## maxAI 430

With four different models, the maxAI 430 series is our most advanced engine monitoring system. The vibrant 4.30" TFT display provides the highest quality visuals to optimize performance and efficiency. Use the integrated Bluetooth capability to receive updates or troubleshoot the system. Each model in the series has five informative display screens, and up to 20 discreet, exterior, LED warning icons, all integrated into the outside display perimeter. A flat screen, dead front, black-lens format ensures better visibility. We've also integrated a backup camera and gauges right on the display screen.

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# maxAI CAN Bus Display Series



maxAI	130	130b	280	280b	430	430i	430v	430iv
Display	1.3"	1.3"	2.8"	2.8"	4.3"	4.3"	4.3"	4.3"
Resolution	106 x 56 px	106 x 56 px	240 x 320 px	240 x 320 px	480 x 272 px	480 x 272 px	480 x 272 px	480 x 272 px
Color Depth	1-bit monochrome	1-bit monochrome	18-bit RGB	18-bit RGB	24-bit RGB	24-bit RGB	24-bit RGB	24-bit RGB
Display Screens	12	12	5	5	5	5	5	5
Warning Icons, Deadfront						✓		✓
Warning Icons, On-Screen			✓	✓	✓	✓	✓	✓
Warning Indicator Light	✓	✓	✓	✓	✓	✓	✓	✓
Menu Navigation Buttons		✓	✓	✓	✓	✓	✓	✓
USB 2.0					✓	✓	✓	✓
Bluetooth				✓			✓	✓
Video Input							✓	✓
Protocol	J1939 or CANopen	J1939 or CANopen	J1939	J1939	J1939	J1939	J1939	J1939
CAN Channels	1	1	1	1	2	2	2	2
Inputs	4	4	2	5	6	6	7	7
Outputs	0	0	1	4	1	1	1	1
maxAI Configurator	✓	✓	✓	✓	✓	✓	✓	✓
maxAI Design Studio			✓	✓	✓	✓	✓	✓
maxAI Specialized	✓	✓	✓	✓	✓	✓	✓	✓

# THE DIFFERENCE IS IN THE DETAILS

Put the maxAI CAN Bus Display series to work for you. Contact us today at [info@maximatecc.com](mailto:info@maximatecc.com).

## maxAI CUSTOMIZABLE SOFTWARE SOLUTIONS

maximatecc offers an innovative range of software platforms to ensure a superior user experience. Three powerful and customizable solutions are available:

### maxAI Configurator Tool

For quick and easy setup, use the Configurator Tool to automatically populate your engine monitoring data with preset options and layouts, without the need for complex programming or additional resources. The stand-alone, executable application means you can configure the display and update firmware via an easy-to-use GUI.

### maxAI Design Studio

The Design Studio is a software development kit that provides a higher level of flexibility and control. Choose your own engine monitoring parameters and fully personalize the display to fit your application. Our software development kit is programmed via GNU C/C++ for an ARM and HAL graphical library, using STM32CubeIDE for the developmental platform and TouchGFX for the graphic software framework.



### maxAI Specialized System

The Specialized System provides you with access to the maximatecc engineering team to help you develop a custom interface that meets specific application needs. The team supports all elements of the engineering and setup process.

maximatecc specializes in operator-machine interface solutions for critical environments. We support industrial machinery OEMs and partners globally with a broad portfolio of products and services. Through technology, engineering expertise and operational excellence, we make machines smart, safe and productive.

# maximatecc.

Enabling operators to sense, see and know more

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## NORTH AND LATIN AMERICA

[maximatecc.com](http://maximatecc.com)

N19 W24200 Riverwood Dr., Suite 300

Waukesha, WI 53188

800-676-1837

## EUROPE/MIDDLE EAST/AFRICA (EMEA)

AST

Progrés 32, 08191 Rubi

Barcelona, Spain

+34-93-586-2073

## BRAZIL

**Tuotest Medidores Ltda**

Avenida Luiz Merenda, 489 - Campanário

Diadema-SP - CEP: 09931-390

Brazil

+55-11-4092-7200