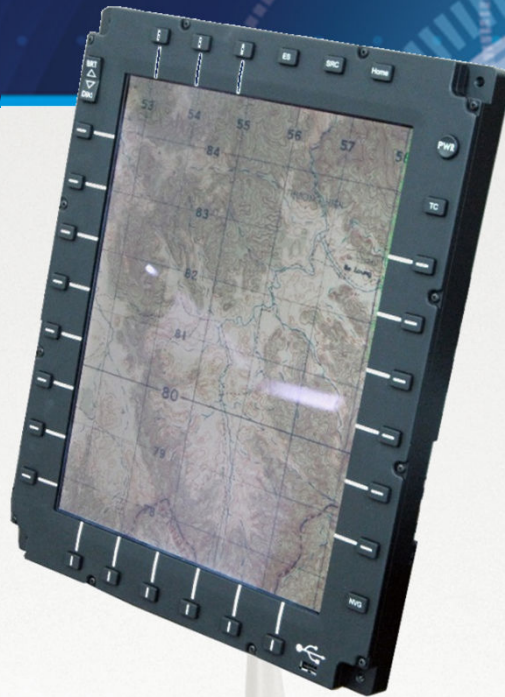




# 15" MULTI-FUNCTION DISPLAY (MFD)



Astronautics' Multi-Functional Display (MFD), Active Matrix Liquid Crystal Displays, have been designed, tested and produced to meet the highest military and commercial standards. Specially designed for use for avionic applications. Astronautics' MFDs can be modified or tailored to satisfy system needs.

Astronautics' robust 15" MFD has a high-resolution display with excellent contrast, and capability to display graphics or motion video (CCD or FLIR), readable from direct sunlight to Night mode operation.

## **Features:**

- High resolution, High Brightness display, viewable in 10,000 foot-Lambert ambient.
- Large scale brightness control.
- Qualified to Military/Avionics Standards.
- Low power consumption.
- Designed to withstand severe environmental conditions, no external cooling or fan.
- Modularized for maintainability - all modules, including AMLCD replaceable without adjustment.

FOR MORE INFORMATION ON THIS OR ANY OF OUR OTHER PRODUCTS/SYSTEMS PLEASE CONTACT:

Astronautics, 16 Martin Ghel St., P.O.B 3351 Petah-Tikva 49130, Israel

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# 15" MULTI-FUNCTION DISPLAY (MFD)

## SPECIFICATIONS

Technology	<b>AMLCD</b>
Display Size	<b>12.0" x 9.0"</b>
Physical Size (WxHxD)	<b>15.8" x 13.4" x 4.4"</b>
Weight	<b>9.8 Kg. Max</b>
Power, typical	<b>28VDC, 60W</b>
Brightness, Typical	<b>0.05 fL up to 200 fL (Foot-Lambert) Full Sunlight readability</b>
Contrast ratio	<b>3:1, typical @ 10,000 FC (Foot-Candle) ambient</b>
Shades of Gray	<b>64</b>
Specular reflection	<b>&lt; 1.5%</b>
Diffused Reflection	<b>&lt; 0.4%</b>
Resolution	<b>XGA (1024x768)</b>
Viewing Angle	<b>±80° Horizontal</b>
	<b>±80° Vertical</b>
Aspect Ratio	<b>4:3</b>
I/O	<b>DVI Input</b>
	<b>1 USB 2.0 interface for external connection to EU accessible by the pilot</b>
	<b>3 RS422 ports for: DU BIT, Touch screen OSS</b>
	<b>4 GND/Open input Discrete</b>
	<b>8 GND/Open output Discrete</b>
MTBF	<b>&gt; 10,000 Hours</b>
Bezel	<b>23 softkeys pushbuttons, brightness Up/Down control, On/OFF, NVG, 4 General per (Bezel tailoring to requirement is optional)</b>
Operating Temp.	<b>-25°C to +60°C</b>
Additional Options	<b>Touch Screen</b>

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