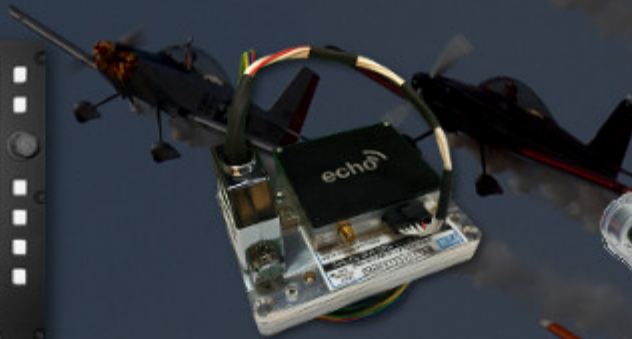




# GRT AVIONICS

# Avionics Catalog



*Product specifications and pricing are subject to change without notice. Prices effective May 19, 2019.*

## Why GRT Avionics?

### We've been around...

We've been building electronic flight instrumentation since 1991 and pride ourselves on offering a full range of feature rich EFIS systems suitable for a variety of aircraft. Ultra-lights to twin engine Velocity V-Twin's and even turbine powered aircraft – aircraft owners choose GRT Avionics because of accuracy and reliability, our dedication to innovation and excellent tech support.

### Compatibility

Every builder has his or her own taste when it comes to devices such as weather & traffic information, radios, transponders, and GPS units. We strive to give builders a choice when it comes to third-party equipment and have an extensive list of equipment that we can work with.

### Help is just a call away

Even experienced builders run into problems sometimes, so we are just a phone call or email away. Our experienced technicians are happy to assist you in troubleshooting problems with your installation or helping you with features that you don't quite understand. We're here for you...

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## EFIS Displays

### Horizon HXR EFIS

One look at the HXR and you sense the situational awareness provided by the large screen and its wide field of view. A view that feels almost as natural as looking out the window and reaches out 30 miles. The pilot-selectable insets provide maps, traffic, engine monitoring, weather, traffic alerts, custom checklists, and even geo-referenced sectionals or en-route charts. Inset are also the key to keeping the PFD view unchanged so that **your instrument scan remains unchanged**. Remote control up to two Com radios, two Nav radios, transponder, intercom, and audio panel. The HXR works with a variety of leading avionics manufacturers, so you will never be locked into one brand for your interfacing remote avionics.



All HXR packages include an external Adaptive AHRS and wiring harness. Touchscreen available for 8.4" and 10.4" HXR for an additional \$400 per display.

#### Display Unit Only

8.4" - HXR8DU .....	\$3,100
10.4" - HXR10DU .....	\$3,500
12.1" - HXR12DU .....	\$4,100

#### Single Display Package

8.4" - HXR8A1 .....	\$4,000
10.4" - HXR10A1 .....	\$4,650
12.1" - HXR12A1 .....	\$5,250

#### Dual Display Package

8.4" - HXR8A2 .....	\$6,800
10.4" - HXR10A2 .....	\$7,750
12.1" - HXR12A2 .....	\$8,950

### Horizon HX EFIS



The HX is a no-compromise EFIS with a compact 6.5" screen. It is built around a high speed processor that typically operates at 20% capacity while providing a 30-mile synthetic vision view. Interfacing is extensive to support dual redundancy for AHRS and radios. The size allows two screens to be located in front of the pilot, even in compact cockpits. The HX is the ideal solution for the pilot that wants the comfort provided by redundancy, and who depends on this equipment to fulfill his missions.

All HX packages include an external Adaptive AHRS and wiring harness.

#### Display Unit Only

6.5" - HX6DU .....	\$2,900
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#### Single Display Package

6.5" - HX6A1 .....	\$3,800
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#### Dual Display Package

6.5" - HX6A2 .....	\$6,400
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## Horizon HX/HXr Options and Accessories

<b>Horizon HXr Touchscreen Option</b> - for 10.4" or 8.4" Horizon HXr.	HXR-OPT-TOUCH ..... \$400
<b>Adaptive AHRS</b> - Attitude/Heading Reference System/Air Data Computer (20-290 knot IAS, -2,000' to +40,000' altimeter) with digital magnetometer and wiring harnesses. (9-32V).	Adaptive AHRS ..... \$2,500
<b>Dual AHRS option</b> - (Price shown is when ordered with the Adaptive AHRS; add \$75 if purchased later)	AHRS-OPT-DUAL ..... \$450
<b>Angle-of-Attack option</b> (Direct sensing via Dual Port Pitot Probe)	AHRS-OPT-AOA ..... \$250
<b>High-Speed option</b> for AHRS, all systems. (Max airspeed >290 knots IAS)	AHRS-GF ..... \$150
<b>28V option for EFIS displays</b>	EFIS-28V ..... \$150
<b>PS Engineering Remote Audio Panel</b> - Stereo four-place intercom. Operate through the HXr remote radio stack interface. Can control up to 2 COM radios and 2 NAV radios	PS-PDA360XR ..... \$1,345
<b>PS Engineering Remote Stereo Four-place Intercom</b> - Stereo four-place intercom. Operate through the HXr remote radio stack interface.	PS-PRI30EX ..... \$425
<b>VAL Avionics COM</b> - fully controlled through the RS-232 remote serial interface with HXr.	COM-2KR ..... \$850
<b>VAL Avionics NAV</b> - fully controlled through the RS-232 remote serial interface with HXr.	NAV- 2KR ..... \$995
<b>Trig TY91 Remote Compact VHF Radio</b>	TRIG-TY91 ..... \$1,295
<b>Infrared Video Overlay Option</b> - Places an infrared video overlay on your primary flight display for temperature difference derived vision that functions in complete darkness. Excellent safety enhancement for night flying. For Horizon and HXr. Includes FLIR camera, carbon fiber pod and USB adapter.	FLIR-01 ..... \$4,500
<b>USB Video Option</b> - Allows any NTSC analog camera output to be displayed on the HX or HXr primary flight display. Excellent for experimenting with low-light video to enhance night vision.	USB-VIDEO ..... \$150

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## Horizon 10.1 EFIS



One look at the Horizon 10.1 and you sense the situational awareness provided by its large screen and wide field of view that reaches out 30 miles. You can select either a “six pack” representation of the primary flight instruments, with adjustable shading behind the gauges, or the standard PFD. On the standard PFD you’ll find pilot-selectable insets and split-screen views providing maps, traffic, engine monitoring, weather, traffic alerts, custom checklists, and even geo-referenced sectionals or en-route charts, keeping the PFD view unchanged so that your instrument scan remains unchanged. Auto-pilot ready, ADS-B and remote avionic control capable. 10.1”, High resolution (1280×800) IPS display. Internal AHRS/Air data included.