

TRAFFIC

No Assembly Required

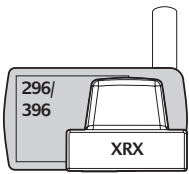


XRX

Direction, relative altitude and range

MRX

Range + Altitude, Tiny + Affordable



Garmin 296/396 vs. XRX size comparison

XRX provides accurate quadrant information in a bird's eye view, complete with range and relative altitude. The unit displays the local altitude and bearing, and the detection window can be configured through the easy-to-use menus. The highly-specialized directional antenna array is built-in and capable of detecting aircraft from inside the cockpit. In fact, XRX is the only system in the world with the technology to do so. **\$1795***

XRX provides accurate quadrant information in a bird's

- Tiny, unobtrusive size: 3.9" W x 2.7" H x 3.6" D
- Definable detection windows: ±2500, ±1500, ±500 ft. (rel. alt.), 6, 3, 1.5NM (range)
- Metal or composite airframes
- Displays top three intruders
- Built-in compass and altimeter
- Completely portable
- Range selectable up to 6NM
- Voice and external audio alerts

- Built-in directional antenna
- Instant traffic updates... no delays

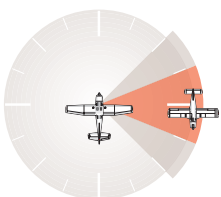


PCAS MRX is the world's smallest collision avoidance device, yet sacrifices none of the features previous upper-end systems have become known for. MRX is smaller than a deck of cards and uses an easy, menu-driven interface and audio annunciations for traffic advisories and alerts. MRX is half the size, 1/3 less price, portable and offers better accuracy and many more features than the ATD-300.

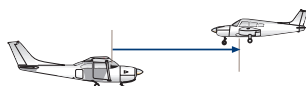
\$499*

- Accepts two "AA" batteries or aircraft power (up to 40 VDC)
- Built-in altimeter for accuracy
- Smallest size available: 2.61" W x 0.73" H x 4.33" D)

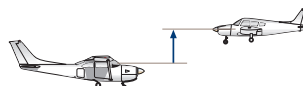
- Menu-operated user interface
- Definable detection windows: ±5000, ±1500, ±500 ft. (rel. alt.), 5, 3, 1.5NM (range)
- Precise brightness control
- Audio volume control in front
- Range displayed in 0.1 NM increments
- Five-position navigation switch for easy operation
- Intruder climb/descent indicator
- Accepts TCAS replies for rural use
- Displays host squawk and altitude
- On-screen and audio alerts (no audio cables needed) with quick mute button
- Auto Mode to reduce ground clutter



Quadrant Bearing



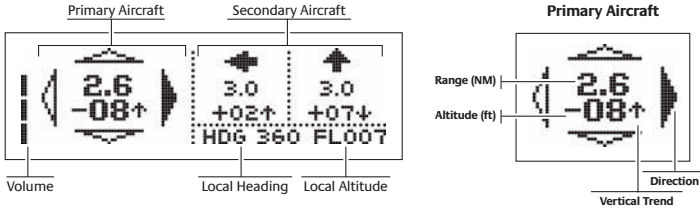
Digital Range



Relative Altitude

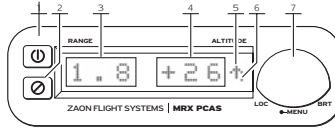
XRX

Direction, relative altitude and range
\$1795*



MRX

Range + altitude, world's smallest size
\$499*



- 1 | Power button
- 2 | Mute button
- 3 | Range (NM)
- 4 | Relative Altitude (+/-)
- 5 | Vertical Trend
- 6 | Mute Indicator
- 7 | Multi-function Switch
 - Main Menu
 - Vol Arrow Up
 - Vol Arrow Down
 - Local Next
 - Bright Next
 - Menu Next

Environmental		
Altitude	Min. 0 ft.	Max. 22,000 ft (FL220)
Temperature	Min. 0°C (+32°F)	Max. +65°C (+150°F)
Mechanical		
Dimensions	3.9 (100 mm)	Width
	3.6 (93 mm)	Depth
	2.7 (69 mm)	Height (includes antenna)
Weight	8.2 oz. (232.5 g)	
Electrical		
Power	10-48 VDC	Negative ground
Consumption	4.2 watts max.	@ 14V
	2.6 watts max.	@ 24V
Current	450-500 mA 475 mA nominal	
Connector Type	2.35mm mini	Tip positive
Receiver		
Type	Superheterodyne / PLL x4	
Selectivity	1090 MHz	
Bandwidth	±8.1 MHz	
Signal Modes	X, Y, A, C, S, 2, 3/a, 3/c	
Scan Rate	3.2 kHz	
Data Rate	1000 kbps	
MTL Sensitivity	-78 dBm	
Max Peak Power	+28 dBm	
Max. Detection Range	22.0 NM	100% Error Rate
	7.0 NM	10% Error Rate
Receiver Dynamic Range	68 db	
Accuracy		
Range Resolution	0-2.0 NM	±0.1 NM
	2.0-3.0 NM	±0.2 NM
	3.0-6.0 NM	±1.0 NM
Bearing Resolution	30° (45° displayed)	
Altimeter Accuracy	±200 ft.	
Compass Accuracy	±20°	
Bank/Pitch Accuracy	±6°	
Temperature Sense	0.1°C	
Antenna Array		
Type	Directional capable, internal, multi-element directional array	
Sense	Amplitude / Phase	
Phase Balance	±12°	
Amplitude Balance	±0.5 dB	
Phi Range	>65°	
Polarization	Cross	
Gain	+2.2 dBi	
Display		
Type	FSTN Liquid Crystal Display, Black/White, Wide Temp	
Resolution	122 x 32	
Backlight	White Electroeluminesence	
Audio		
Impedance	300 ohms x 2 channels or 600 ohms x 1 channel, selectable	
Power	4.0 watts max. @ 2.5 volts peak-to-peak	

Environmental		
Altitude	Min. 0 ft	Max. 20,000 ft (FL200)
Temperature	Min. -20°C (-4°F)	Max. +55°C (+130°F)
Mechanical		
Dimensions	4.33" (109.9 mm)	Length
	0.73" (18.7 mm)	Height
	2.61" (66.2 mm)	Width
Weight	3.6 oz. (102 g)	Without batteries
	5.6 oz. (159 g)	With batteries
Electrical		
Power	12-40 VDC, Negative ground	
Consumption	500 mW watt max.	Internal Battery
	1.2 watts max.	@ 12V
	2.8 watts max.	@ 28V
Current	105 mA	
Connector	2.35mm mini	Tip positive
Receiver		
Selectivity	1090 MHz	Receiver A
	8.1 MHz	Bandwidth
Signal Modes	X, Y, A, C, S, 2, 3/a	
Scan Rate	22 kHz	
Data Rate	1000 kbps	
MTL Sensitivity	-60 dBm	
Max Peak Power	+21 dBm	
Range Resolution	0-2.0 NM	±0.1 NM
	2.0-5.0 NM	±1.0 NM
Max. Detection Range	50% Error Rate	7.0 NM
	10% Error Rate	6.0 NM
Altimeter Accuracy	±200 ft.	
Receiver Dynamic Range	42 db	
Antenna		
Impedance	50 ohms	
Polarization	Vertical Omnidirectional	
Connector type	SMA RP	
Display		
Type	8-character super bright red LED graphic module	
Maximum Brightness	2300 µcd per character	

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