



GARMIN introduces a full-featured, compact, panel-mounted Class 1A transponder. The GTX 320A's solid state transmitter provides 200 watts nominal power output, eliminating the need for a cavity tube that can degrade with time, fail, or require expensive replacement. 100% solid state also means no warm up time, reduced power consumption and heat for longer service life. Extensive utilization of surface mount technology provides shallow depth and light weight which simplifies installation in the tightest spaces. The GTX 320A will operate at 14 or 28 volt without the requirement for external

voltage converters or dropping resistors.

The GTX 320A fits into existing installations of selected Narco and King transponders using optional adapters for simple, cost-effective upgrading. A modular design allows for ease of serviceability and simple, standard, four-knob tuning. Also included is an extensive one year warranty. The GTX 320A transponder — another high-value, compact, reliable product from the avionics industry innovator: GARMIN.

Specifications - General

TSO compliance:	C74c Class 1A
Temperature range:	-20° C to +55°C (continuous operation)
Weight:	2.2 lbs.
Power requirements:	11.0 to 33.0 VDC; Max Power Input: 12 watts @500 prf
Humidity:	95% @ +55°C for 16 hours; 85% @ +38°C for 32 hours
Altitude:	50,000 Feet
Transmitter frequency:	1090 MHz

Transmitter power:	200 watts nominal
Receiver frequency:	1030 MHz
Receiver sensitivity:	-74dBm nominal for 90% replies
Mode A capability:	4096 ident codes
Mode C capability:	100 foot increments from -1000 to 63,000 feet
External suppression:	Input - $Lo \leq 0.5V$; High $\geq 8V$; Output - $\geq 18V$ Pulse
Dimensions:	8.2"L x 6.25"W x 1.63"H (208 x 159 x 42 mm)



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