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GTX 330/330D Mode-S transponders*



The GARMIN GTX 330 transponder provides the U.S. market with datalink expandability, including enabled services such as ADS-B and local traffic updates.

This full-featured, TSO certified transponder brings a unique level of functionality and utility to an airplane. The solid state transmitter provides 250 watts nominal power output and eliminates the need for a cavity tube which, sooner or later, will fail and require expensive replacement. And since the transponder's design is 100 percent solid state, there's no warm up time, lower power consumption and much lower heat emission. All of which translates to a longer service life.

Some of the GTX 330's biggest features are the easiest to see. Among them, the easy-reading DSTN Liquid Crystal Display which reverses the numbers out of black for optimal viewing. An innovative keypad makes entering a squawk code a snap. And a dedicated VFR button allows for guick and easy 1200/VFR squawking.

The GTX 330 also offers several timing and display functions: flight time, count-up timer, count-down timer or current pressure altitude. Other features include remote ident and auto standby.

The GTX 330D (with diversity) is designed to meet the European Mode-S transponder mandate. Together, these units represent a whole new standard in transponder utility.

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GTX 330/330D transponder specifications

TSO compliance:	C112
Temp. range:	–20°C to +55°C
Weight:	4.2 lbs. (1.9 kg) installed with rack and connectors
Power requirements:	11.0 to 33.0 VDC; Typical power input: 27 watts
Altitude:	55,000 feet
Transmitter frequency:	1090 MHz
Transmitter power:	250 watts nominal at unit
Receiver frequency:	1030 MHz

Receiver sensitivity: Mode A capability: Mode S capability:

External suppression input: Dimensions:

Display:

25 foot resolution with suitable serial data from -1000 to 62,700 feet

4096 ident codes

 $Lo \le 0.5V$; High $\ge 8V$

Bezel Width = 6.25" (159 mm) Bezel Height = 1.65" (42 mm) Depth = 11.25" (286 mm) behind panel, with connectors DSTN LCD display

-74dBm nominal for 90% replies

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