



AXP340 ADS-B Out Class 1 Mode S Level 2 Datalink Transponder



AXP340 ADS-B Out Panel Mount Transponder

The AXP340 transponder is a panel-mounted Class 1 Mode S Level 2 Datalink Transponder, with support for 1090MHz Extended Squitter (ES), that meets all the current requirements for Mode S elementary surveillance transponders for both IFR and VFR flight.

MSRP \$2,999.00

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OVERVIEW

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The Mode S Advantage

As part of our SkyTrax line, the ADS-B Out AXP340 is a panel-mounted Class 1 Mode S Level 2 Datalink Transponder. It delivers 240 Watts of transmitter power, and responds to both legacy Mode A/C interrogations and to Mode S interrogations from both ground radar and airborne collision avoidance systems. In the Mode S environment (S stands for Select), a Mode S interrogator can selectively address a single transponder. This allows accurate position plotting with lower reply rates, which in turn reduces frequency congestion and interference.

As a slide-in replacement for existing KT76A/KT78A transponders, the AXP340 is designed to easily upgrade existing Mode A/C equipment to Mode S, while adding additional functionality like a Direct-entry Numeric Keypad, Pressure Altitude & GPS Lat/Lon readout, Flight ID entry, one-touch VFR code entry, an easy-to-use Stop Watch Timer, Flight Timer, and Altitude Alerter.

Meeting the Mandate for ADS-B

The AXP340 also supports the latest Version 2 1090 MHz Automatic Dependent Surveillance Broadcast (ADS-B) Extended Squitter, known as “ADS-B OUT”. Equipping with ADS-B Out will be required in most U.S. airspace by 2020. The AXP340, when linked to a suitable GPS receiver, transmits position information to appropriately-equipped ground stations and other aircraft. This provides improved airborne surveillance, provides vital information for airport ground surveillance, and is a key feature of future airspace plans.

Your 1090Mhz ADS-B Solution

Coupled with any of Avidyne's SkyTrax600A ADS-B IN capable Traffic Advisory Systems, the AXP340 provides full ADS-B surveillance capability to meet the upcoming mandates for flight internationally and above and below FL180 in the U.S. The AXP340 transmits the required ADS-B Out signals including your aircraft's GPS-derived position, along with ground track, ground speed and altitude information. The SkyTrax600A provides ADS-B In, allowing you to receive the ADS-B signals from ground radar and from other 1090MHz ADS-B – equipped aircraft and display both ADS-B and non-ADS-B traffic simultaneously for optimal situational awareness and safety.

AVIDYNE SOLUTIONS



SkyTrax100B
Receiver

SkyTrax600 Series

AMX240

