

Link do produktu: <https://airsup.eu/avidyne-axp340-mode-s-transponder-black-incl-install-kit-ads-b-out-p-38592.html>



Avidyne AXP340 MODE-S Transponder, black (incl. Install-Kit) - ADS-B Out

Cena brutto	13 017,48 zł
Cena netto	10 583,33 zł
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Opis produktu

product description

The Avidyne AXP340 Transponder is a panel-mounted Class 1 Mode-S Level 2 Datalink Transponder, with support for 1090 MHz Extended Squitter (ES), that meets all the current requirements for Mode-S elementary surveillance transponders for both IFR and VFR flight. 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 and GPS Lat/Lon readout, Flight ID entry, one-touch VFR code entry, an easy-to-use Stop Watch Timer, Flight Timer, and Altitude Alerter.

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.

The AXP340 provides an affordable and lightweight Mode S Surveillance and ADS-B Out solution for fixed wing and helicopter operators. The AXP340 is a slide-in replacement for the venerable KT76A transponder, making it a great choice for upgrades, as well as for new installations (additional wiring required for ADS-B functionality).

The AXP340 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.

Coupled with any of Avidyne's TAS600A ADS-B 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 TAS600A provides ADS-B In, allowing you to receive the ADS-B signals from ground radar and from other 1090 MHz ADS-B - equipped aircraft and display both ADS-B and non-ADS-B traffic simultaneously for optimal situational awareness and safety.

Technical specifications Avidyne AXP340 Transponder:

- Dimensions - Width 6.30" (160 mm), Height 1.57" (39.88 mm), Depth 9.40" (238.76 mm)
- Weight - 2.98 lbs (1.35 kg)
- Type - Class 1 Mode-S Level 2ES Datalink, Elementary Surveillance
- Certifications - TSO C112d, TSO C166b, ETSO 2C112d, ETSO C166b
- Compliance - ED73E, DO160G, DO178B Level B, DO181E, DO254 Level C, DO260B, AC 20-165 ADS-B Out
- Power - 10 - 33 V, Idle 0.22 A (active 0.45 A), 240 W nominal at connector
- Environmental - -20° to +55° C, 35,000 ft, no external cooling fan required
- GPS Compatibility - Avidyne GPS (including R9), Garmin GNS430W/530W Series
- Other Interfaces - Gray Code and Serial Altitude Inputs, Serial Altitude Output, External Standby Input, Weight on Wheels Input, External Ident Input

Delivery includes: Avidyne AXP340 (black), Install-Kit, Connectors, Form 1, Manual.