

Technical data

Transmission frequency	1.090 ± 1 MHz
Operating temperature	-20°C...+55°C / -4°F...+131°F
Operating voltage	9 - 33 V DC
Transmission power	≥ 24 dBW (250 W)
Shock	6 g in operation, 20 g breakage resistance
Approvals	EASA ETSO / FAA TSO, FCC
Max. operating altitude	30.000 ft
Max. speed	250 kt / 463 km/h / 287 mph

Type

Mode-S Transponder Class 1 Level 2els

Weight

Standard/Basic: approx. 390 g / 0.86 lbs
Stack: approx. 610 g / 1.4 lbs

Dimensions

Standard/Basic: 146.2 x 63 x 62 mm / 5.75 x 2.5 x 2.4"
Ø 57 mm / 2¼" cut out
Stack: 155.8 x 41 x 158.4 mm / 6.13 x 1.6 x 6.2"

Power consumption

0.2 - 1.0 A (depending on the number of requests)

Meets the following requirements

ETSO-C112d, ETSO-C88a, ETSO-C166b, ETSO-C112d,
ETSO-C88a, ETSO-C166b (ADS-B Out); EUROCAE ED-26,
EUROCAE ED-14F, EUROCAE ED-12C, EUROCAE ED-73E,
EUROCAE ED-102; RTCA DO-260B, RTCA DO-181E
Hardware: RTCA DO-254 / ED80 Level C
Environment: RTCA DO-160G / ED-14G
Software: RTCA DO-178C / ED-12C Level D



Better safe than sorry – with the innovative KTX2 transponders

Available now: Take the first step today into the requirements of tomorrow with our new KTX2-Basic. Get your ADS-B ready Mod-S transponder now at an unbeatable price.

Contact

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Mode-S and ADS-B Out

The newly developed KTX2 is a super-light, compact, mode-S, 2020 mandate (ADS-B Out) compliant transponder with low power consumption and a high-end TFT color display.

As a Class 1 transponder with an operating range of up to 30.000 ft. and 250 knots, it is ideal for all GA aircraft, including gliders, experimentals, ultralights and balloons, VFR and IFR.

The advantages at a glance

- Intuitive operation - developed by pilots for pilots
- Better visibility under bright sunlight thanks to transfective display on the stack model
- For use in multiple aircraft different setups can be saved.
- Integrated altitude encoder
- Antenna loop-through - no extra antenna required for any ADS-B In hardware
- Minimal power consumption
- Excellent price/performance ratio - made in Germany



New: simply book the ADS-B Out function in afterwards.

Now you decide for yourself whether and when you need the ADS-B function. With our new KTX2-S Basic you can easily activate the ADS-B Out function when you really need it.

For this you only need the corresponding activation code which can be purchased separately at any time.

Equipment designed for the present and the future

- Intuitive operating concept utilizes few controls and has a large rotary pushbutton for easy operation even in turbulent conditions
- Built-in, high-precision, temperature-compensated altitude encoder to be connected to the static port
- RS232 interface for connecting common GPS sources
- ETSO/TSO-C166b approved (FAA 2020 mandate compliant with optional appropriate WAAS GPS source) ADS-B Out (extended squitter)



Standard/Basic



Stack

Simple, flexible installation

The KTX2.V2 is available in three versions: The standard format with or without ADS-B OUT for installation in a 57 mm round cutout and the 160 mm stack version with ADS-B OUT. With a housing length of only 146.2 mm for the standard format, the transponder can be installed even in cockpits with difficult space conditions.

For mobile use, such as during balloon flights, the KTX2 is also available as a portable station – ideally in combination with a KRT2 radio transceiver.

Extras – for all situations

Optionally available: Compatible GPS sources in different Certification levels for ADS-B OUT.

