

## Technical data

Frequency precision	±5 ppm
Operating temperature	-20°C...+55°C   -4°F...+131°F
Operating voltage	9 - 30 V DC
Transmitted power	6 W @ ≥ 13.5 V DC nominal
Loudspeaker output	≥ 10 W an 4 Ω
Approvals	ETSO, FCC
Max. operating altitude	35,000 ft

### Type

8.33 / 25 kHz VHF radio transceiver,  
117,975 - 137,000 MHz band, 2278 channels

### Weight

Standard:	approx. 400 g / 0.88 lbs
Mini landscape:	approx. 350 g / 0.77 lbs
Mini portrait:	approx. 350 g / 0.77 lbs
Stack:	approx. 575 g / 1.27 lbs

### Dimensions

Standard:	146.7 x 63 x 62 mm / 5.8 x 2.5 x 2.4" Ø 57 mm / 2¼" cut out
Mini landscape:	146.2 x 63 x 46 mm / 5.75 x 2.5 x 1.8"
Mini portrait:	146.2 x 46 x 63 mm / 5.75 x 1.8 x 2.5"
Stack:	155.8 x 41 x 158.4 mm / 6.1 x 1.6 x 6.2"

### Power consumption (@12 V)

Standby:	approx. 3 W (depending on display brightness settings)
Transmit:	17 - 30 W (depending on modulation level)

### Compatibility

ETSO-2C169a / TSO-C169a	
Transmitter:	EUROCAE ED-23C Class 4, 6, RTCA DO-186B Class 4, 6
Receiver:	EUROCAE ED-23C Class C-D-E-H1 / 2, RTCA DO-186B Class C-D-E
Environment:	RTCA DO-160F / ED14F
Software:	RTCA DO-178C / ED12C Level D



## Communication without limits KRT2 radio transceiver

The radio transceivers from the successful  
KRT2 series from TQ.

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## The KRT2 radio transceiver

The newly developed radio transceiver with new 25 kHz / 8.33 kHz channel spacing is small, lightweight, energy-efficient and full of innovative digital technology. The high level of digitalization results in high frequency stability and channel separation as well as crystal-clear communication.

Designed for all kinds of GA, sport, experimental and ultra-light aircraft, gliders and balloons, the KRT2 radio transceiver is a reliable companion on all your flights.

### The advantages at a glance

- Very high frequency stability and channel separation - under all operating conditions
- Minimal power consumption - standard device is ideal for battery operation
- Dual watch function - listen to a second operating frequency
- Crystal-clear voice transmission - for ideal communication
- Intuitive controls - developed by pilots for pilots
- Integrated 2-place intercom
- Outstanding price / performance ratio - made in Germany
- Better visibility under strong solar irradiation thanks to transreflective display on the stack model

## Extras – for all situations



For aircraft in tandem configuration the KRT2-RC remote control is optionally available.

Various other accessories are also available for the KRT2, such as cable sets, connectors, microphones etc.

## Functionality at its best

- Intuitive operating concept utilizes few controls and has a large rotary pushbutton for easy operation even in turbulent conditions
- Dual watch technology - beside the main frequency, it is also possible to listen to a second frequency
- Speech controlled two place intercom
- 100 freely assignable frequency memories with 8-character, plain-text display
- Additional AF input - can be used, for example, for warning messages from anti-collision systems (ADS-B in)

## Easy installation

The KRT2 is available in four formats: A standard version for mounting in a 57 mm / 2¼" diameter cutout, a 6¼" stack format, or in the mini-formats landscape or portrait.

Its short housing length means that it is easy to install, even in cockpits with confined space. For mobile use, such as in ballooning, the radio transceiver is also available as a portable station – ideally in combination with the KTX2 Mode-S transponder.



Standard

Stack

Stack model is available now.

