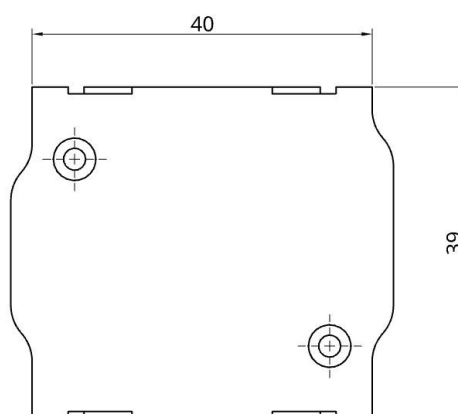


TQ KRT2 Adapter BLE Bluetooth

SkyDemon (SD) EXPERIMENTAL



Bluetooth Low Energy adapter (BLE) for a TQ KRT2 VHF transceiver (aviation radio). The adapter is compatible with radios of the following series:

- KRT2-S
- KRT2-F
- KRT2-P

The adapter was developed as an interface for the TQ KRT2 for compatible navigation apps (e.g., SkyDemon). It enables data transfer between the navigation app and the radio hardware (BLE ↔ RS-232). The adapter is simply plugged between the existing wiring and the radio and holds securely to the housing thanks to the Conec latch system.

No additional power supply is required. The adapter can be operated with 12 V and 24 V on-board voltage. An internal mini-fuse (125 mA) is integrated in the housing.

The power supply is protected against reverse polarity and short-circuit-proof. **No further electrical or mechanical work required!**

Important: This is a prototype for experimental use only!

1 Radio Configuration

No further configuration is required on the radio.

2 Connector Pin Assignment

This is an excerpt from the TQ installation manual:

6.9.2 Connector Pin-Configuration

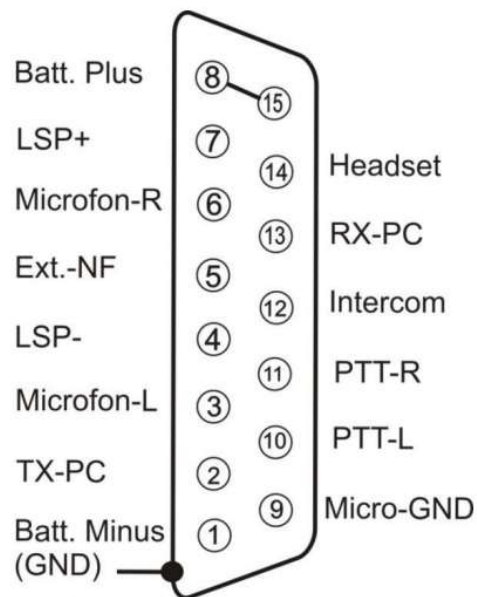
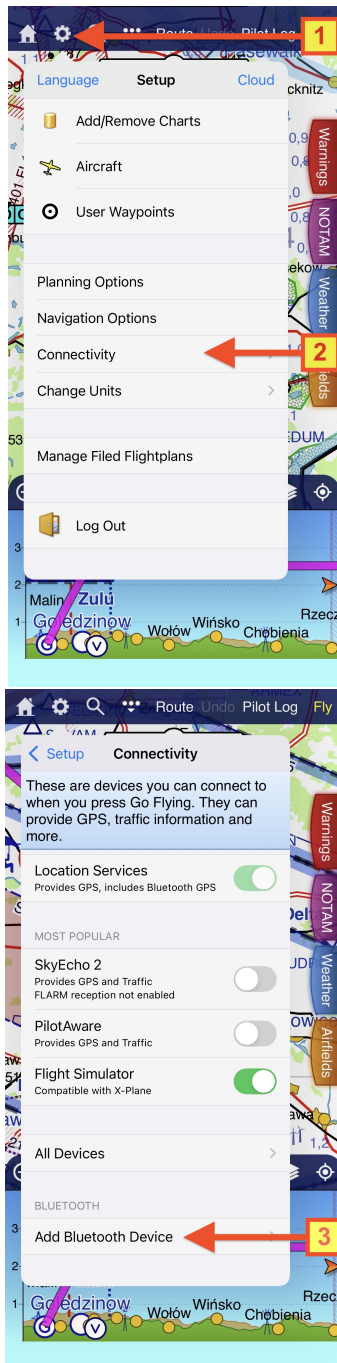


Figure 7: Connector pinout

Figure 1: KRT2 Connector Pin Assignment

3 SkyDemon Configuration

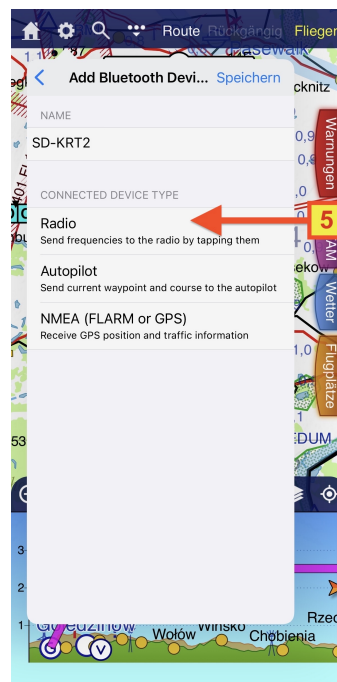
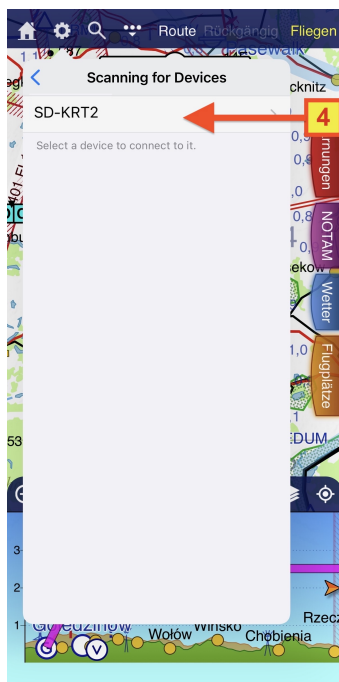
Important: The adapter is not connected via regular Bluetooth settings. BLE devices are usually not displayed there.



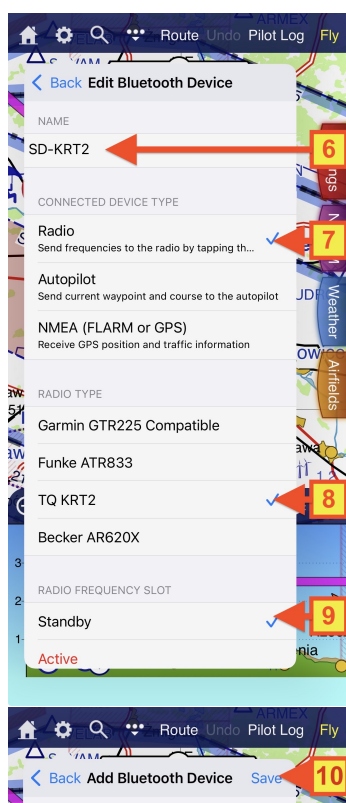
1. Open the configuration menu via the gear icon.

2. Select *Connectivity* in the configuration.

3. In *Connectivity* -> select *Add Bluetooth Device*.



4. Wait until the search for BLE devices is complete (this may take a moment). Then select the entry **SD-KRT2-E**
5. Select the device type **Radio**.



6. The adapter name can be customized as desired.
7. The device type **Radio** must be selected.
8. Select the radio type **TQ KRT2**.
9. Choose whether to set the standby or active frequency.
10. **Save the settings with Save** - the adapter is now ready for use.

4 Contact

For problems, questions, suggestions, or even positive feedback, please contact:

LayCom Vision GmbH – SD-Link
Michael Hoffmann

Chausseestr. 46
D-15518 Rauen, Germany

E-Mail: info@sdlink.de
Phone: +49 3361 710253

