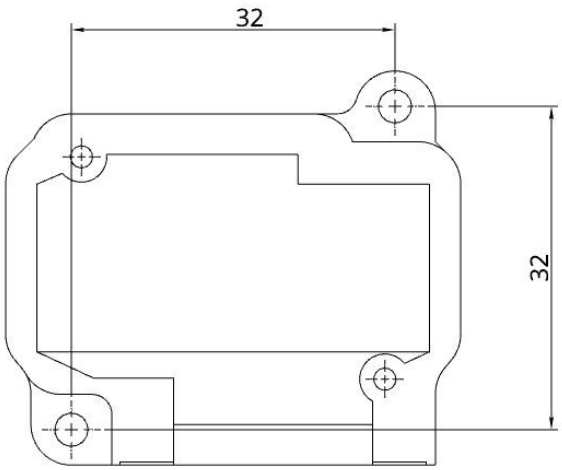
GENERIC E Adapter BLE Bluetooth

vfrNav EXPERIMENTAL



Bluetooth Low Energy Adapter (BLE) developed for the navigation software vfrNav. It enables data transfer between the navigation software (SD) and the avionics hardware (BLE ↔ RS-232).

Set the frequencies of your VHF transceiver, control your autopilot, feed your AV-30 with this Bluetooth adapter directly from the vfrNav app.

This adapter has only the basics you need to connect the vfrNav navigation software with your avionics. Mount it somewhere behind the panel, connect power and distribute the signals to the devices. Yes, this sounds like tinkering... but that's what you want ;-)

L'adaptateur peut fonctionner avec une tension de bord de 12 V et 24 V. An internal mini-fuse (125 mA) is integrated in the housing. The power supply is protected against reverse polarity and short-circuit proof.

The pin assignment of the connector corresponds to the connection of the f.u.n.k.e ATR833S, ATR833-II and ATR833A-II remote connector!

IMPORTANT
This is a prototype for exclusively experimental use!!!

1 Configuration de la radio

Must be performed according to the respective device.

2 Affectation des broches du connecteur

REMARQUE IMPORTANTE

Une masse commune est obligatoire

La radio et le SD-Link ont besoin d'une masse commune (GND). Si le fil de masse entre la radio et l'adaptateur manque, aucune donnée ne circule – ou seulement de manière sporadique ; un fil de masse manquant est l'une des erreurs les plus fréquentes dans les installations RS-232. Raccordez donc toujours aussi GND en plus des lignes de données.

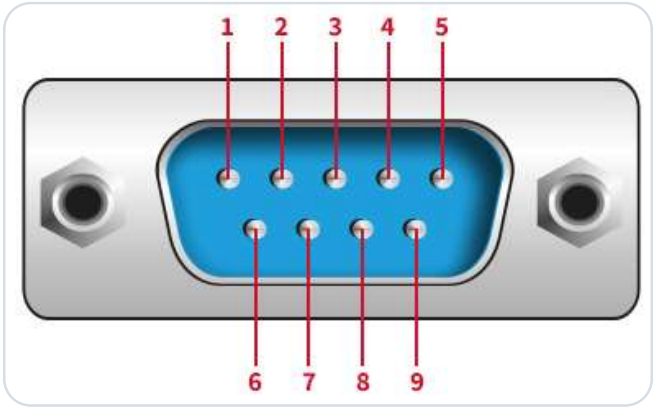


Figure 1 · Affectation des broches du connecteur

Pin	Function
Pin 2	Data RXD
Pin 3	Data TXD (V24 data output!)
Pin 5	GND
Pin 8	Power (+ 5 … 28 V)

The pin assignment of the connector corresponds to the connection of the f.u.n.k.e ATR833S, ATR833-II and ATR833A-II remote connector and is therefore a PnP solution for these devices.

The remote connector is included in the following cable harnesses :

- BSKS833S-S
- BSKS833D-S
- BSKS833OE-S
- BSKS833GLS-S
- BSKS833GLD-S

3 Contact

En cas de problemes, questions, remarques ou retours positifs, merci de contacter :

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