



miniBip

Mini audio variometer



BipBip PRO

Solar audio variometer



UltraBip

Bluetooth GPS alti-vario

Solar-powered	✗	✓ Sunpower	✓ Sunpower
Internal battery	✓ li-polymer - 200 mAh	✓ li-polymer - 400 mAh	✓ li-polymer - 500 mAh
USB charge	✓ micro-USB	✓ micro-USB	✓ USB-C
Variometer	✓ Digital pressure sensor vario	✓ MEMS pressure sensor vario	✓ Instant Vario Technology (MEMS pressure + accelerometer + gyroscope)
Sound	✓ Piezo buzzer	✓ Piezo buzzer	✓ Dual Speaker (Hi-Fi loud speaker + piezo buzzer)
Ajustable volume	✓ 3 levels	✓ 5 levels	✓ 5 levels
Reset <small>factory settings</small>	✗	✓	✓
Sink alarm <small>adjustable</small>	✗	✓	✓
Lift sensitivity <small>adjustable</small>	✗	✓	✓
Integration time <small>adjustable</small>	✗	✓	✓
Vario profiles <small>adjustable</small>	✓ 1 intuitive profile	✓ 2 profiles (long beeps / short beeps)	✓ 3 profiles with graphic vario tone editor
LED vario <small>green : lift, orange : weak, red : sink</small>	✗	✓	✓
Weak lift detector <small>can be deactivated</small>	✗	✓	✓
Takeoff detection	✗	✓	✓
Auto power-off	✓ after 25min of inactivity	✓ after 25min of inactivity	✓ time adjustable
Adjustable parameters	✗	✓ Single button	✓ Web-app Configurator
Graphic tone editor	✗	✗	✓
Barometric sensor	✓	✓	✓
Accelerometer	✗	✗	✓
Gyroscope	✗	✗	✓

GPS logger	×	×	✓
KML & IGC track files	×	×	✓
Speed / Altitude	×	×	✓
Smart Speaking Assistant	×	×	✓
Headphones output	×	×	✓ USB-C
Connectivity smartphone	×	×	✓ Bluetooth BLE iPhone and Android
Accuracy	10cm/s digital pressure sensor	7cm/s MEMS pressure sensor	4cm/s MEMS pressure + accelerometer/gyroscope-IMU
Size	5,8 x 3,6 x 1,4 cm	5,8 x 3,6 x 1,4 cm	5,8 x 3,6 x 1,4 cm
Weight	24gr	26gr	29gr
Autonomy	200h	Unlimited (400h in the dark)	50h