

Planar-B+



> Operating elements

Planar-B1+	1 x On/horn 1 x Stop 16 x Single detent functions
Planar-B2+	1 x On/horn 1 x Stop 4 x Single detent functions 6 x Two detent function



> Technology

Multi-user system

LBT frequency search

Data feedback

## Technical data

### Technical information

Frequency range	2.4 GHz
RF power	≤ 100 mW
Typical working range	≤ 100 m (depending on environmental conditions)
Frequency channel search, automatic	LBT-Modus (Listen Before Talk) (depending on country and function configuration)
Antenna	Integrated
Typical response time of the control commands	Approx. 50 ms
LF modulation method	O-QPSK
Data rate	250 kbit/s
Ø Current consumption (depending on the expansion level)	Approx. 80 mA
Prewarning time "Battery empty"	Approx. 15 minutes
Serial number mode (service case, device replacement)	Entry via buttons combination on the device on request
Display element	1.2 inch monochrome display (128x64 px) with customized design
Energy saving function (standby)	Standard: after 60 min. Optional: setting according to customer requirements (continuous operation possible)
Energiesparfunktion (Standby)	Standard: nach 60 min. Optional: Einstellung nach Kundenwunsch (Dauerbetrieb möglich)

### Machine data

Ambient operating temperature	-20 °C up to +70 °C
Weight	280 g
Dimensions (L x W x H)	236 mm x 58 mm x 36 mm
Case material	Impact resistant, glass fiber reinforced polyamide

### Equipment safety

CE certification	Yes
Protection class	IP67 / IK07
Data security	Addressing of each transmitter by unique bit combination
EMERGENCY STOP or STOP function	Yes (sending stop telegrams for 2 sec.)

### Power supply

Power supply	Li-Ion battery (3.6 VDC/2,350 mAh), integrated
Operating time	Up to 29 hours
Loading form	Standard: Micro-USB charger connection with USB power supply Optional: Wall mount with charging function/charger