



*The SUPERFOX 145E direction finding receiver is a modern sports equipment satisfying even most demanding requirements of top sportsmen. Its ergonomical solution results from the following features: low weight and small size, all receiver controllable by single hand even in full run, shock-resistant, waterproof house. The symmetrical super-gain antenna especially optimized for direction finding gives sharp direction pattern and high receiver sensitivity. The SUPERFOX 145E contains special features: the direction pattern expander, which sharpens aiming and rejects unwanted sidelobes and timer which announces coming end of the transmitting period.*

*The SUPERFOX 145E receiver is used by many top competitors and their outstanding results prove the quality of the receiver.*

### **FEATURES:**

- ***Ergonomical solution – single hand controllable***
- ***High sensitivity***
- ***Optimized antenna reaches the front-to-rear ratio 40 dB***
- ***Sharp main antenna lobe gives precise bearings***
- ***Sensitivity control range 120 dB***
- ***1 min- or 30 sec timer announces the end of the transmitting period***
- ***Direction pattern expander improves aiming***
- ***Shock-resistant, waterproof house***
- ***Detachable antenna elements for easy transport and packing***

**SPECIFICATIONS**

Receiver system:	single conversion superheterodyne
Antenna:	optimized symmetrical HB9CV
Main lobe width (WIDE):	20° / -3 dB
(NARROW):	10° / -3 dB
Front to rear ratio:	> 40 dB
Mode:	A2A
Frequency coverage:	143,5 ... 146,5 MHz
Sensitivity (S/N 10 dB):	0,2 µV
IF bandwidth:	100 kHz
Sensitivity control range:	> 120 dB
Headphones impedance:	> 4 ohms
Timer:	10 sec prior to the end of transmitting period (30 or 60 s)
Supply:	built-in NiMH accumulator 7,2 V / 320 mAh
Consumption (typ.):	22 mA
Operation period :	min. 12 hours
Compass bearing influence:	max. ± 2°
Covering:	IP63
Dimensions:	1040 (W) x 50(H) x 290 (L) mm (including antenna) 500x70x40 mm (folded)
Weight:	380 g (including antenna and accumulator)
Operating temperature range:	-10 ... + 60°C
Storage temperature range:	-20 ... + 60°C

**SUPPLIED ACCESSORIES**

- antenna elements set
- instruction manual

**OPTIONS**

- electronic compass module FINDER09
- headphones SL28
- accumulator charger N28
- accumulator tester T810
- spare antenna elements