

ARDF RECEIVERS PRODUCT LINE

Equipment	SUPERFOX3,5M	SUPERFOX3,5MX	SUPERFOX145M	SUPERFOX145MX
USAGE	All HF formats (up to World Champs) trainings, promotion	All HF formats (up to World Champs) trainings, promotion	All VHF formats (up to World Champs) trainings, promotion	All VHF formats (up to World Champs) trainings, promotion
FEATURES				
Frequency range	3,49 ... 3,66 MHz	3,49 ... 3,66 MHz	144,0 ... 146,1 MHz	144,0 ... 146,1 MHz
Architecture	single conversion superheterodyne		single conversion superheterodyne	
Modulation	A1 (CW)	A1 (CW)	A2 (AM)	A2 (AM)
Sensitivity (audio output 100 mV)	-135 dBm (0.04 uV)	-135 dBm (0.04 uV)	-110 dBm (0.7 uV)	-110 dBm (0.7 uV)
Gain control range	120 dB	120 dB	120 dB	120 dB
IF filter	3-crystal	3-crystal	2x ceramic	2x ceramic
IF bandwidth (-3 dB/-60 dB)	1 kHz/4 kHz	1 kHz/4 kHz	100 kHz/400 kHz	50 kHz/150 kHz
Unwanted sideband rejection	40 dB	40 dB		
Antenna	symmetrical ferrite plus phased whip	symmetrical ferrite plus phased whip	optimized HB9CV with detachable elements	optimized HB9CV with detachable elements
Front to back ratio	40 dB	40 dB	50 dB	50 dB
Main lobe width	10°/-3dB (minimum)	10°/-3dB (minimum)	15°/-3dB (maximum)	15°/-3dB (maximum)
VFO	PLL synthesizer	PLL synthesizer	PLL synthesizer	PLL synthesizer
Channel memory	n/a	yes, 6 channels	n/a	yes, 6 channels
Supply	LiPol accu 8 V / 500 mAh	LiPol accu 8 V / 500 mAh	LiPol accu 8 V / 500 mAh	LiPol accu 8 V / 500 mAh
Operating time	>10 hours	>10 hours	>10 hours	>10 hours
Timer	n/a	30 s / 1 min	30 s / 1 min	30 s / 1 min
Audio S-meter				yes
Headphones impedance	>4 ohms	>4 ohms	>4 ohms	>4 ohms
PHYSICAL				
Protection	IP64	IP64	IP64	IP64
Water resistance	splashing water	splashing water	splashing water	splashing water
Dimensions (ready for use) (folded)	100 x 180 x 50 mm	100 x 180 x 50 mm	1040 x 50 x 290 mm 500 x 70 x 50 mm	1040 x 50 x 290 mm 500 x 70 x 50 mm
Weight	290 g	300 g	450 g	460 g
Operating temperature range	-10...+ 60 °C	-10...+ 60 °C	-10...+ 60 °C	-10...+ 60 °C
ACCESSORIES				
Set contains	receiver unit instruction manual whip antenna protecting pouch	receiver unit instruction manual whip antenna protecting pouch	receiver unit instruction manual antenna elements 4 pcs protecting pouch	receiver unit instruction manual antenna elements 4 pcs protecting pouch
Optional accessories	N41 accumulator charger SL34 headphones FINDER09 el. compass unit T840 accumulator tester magnetic compass holder	N41 accumulator charger SL34 headphones FINDER09 el. compass unit T840 accumulator tester magnetic compass holder	N41 accumulator charger SL34 headphones FINDER09 el. compass unit T840 accumulator tester	N41 accumulator charger SL34 headphones FINDER09 el. compass unit T840 accumulator tester

Other information, orders:

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