shuntfocX® by funkwerk

Operational Handheld for Shunting (OPS)

Radio Characteristics	
Frequency bands	GSM-R, ER-GSM, GSM 900, E-GSM 900, DCS 1800
Transmitting power	2 W (GSM / GSM-R), 1 W (DCS 1800)
Data transmission	GPRS class 10
Modulation type	GMSK

Dimensions & Weight	
Height	145 mm
Width	60 mm
Depth	36 mm
Weight (incl. battery)	ca. 300 g

Environmental Characteristics	
Operating temperature	-25 °C to 70 °C
Storage temperature	-40 °C to 85° C
Protection class	IP 65 (dust- and water-resistant)
Chemical resistance	against influences from brake fluid, engine and gearbox oil

Technical Data	
Display	2.2" TFT colour display, 240 x 320 pixels (QVGA)
Audio	2 microphones, 2 loudspeakers
Battery	2900 mAh (Lithium-Polymer battery)
Interfaces	peripheral accessory interface & RS 232 (remote microphone, headset, etc.)

Extras		
OTA - SIM upgrade support	automatic band recognition	GSM ASCI application (phase 2+)
GPS optional	GSM-R application with shunting mode	

Functional Characteristics		
usable with gloves	left side PTT button(right side optional)	MicroSD card slot
Walkie-Talkie mode	microphone muting	audio recorder / player
quick dialling register	automatic redialling	Tilting sensor optional
configuration cloning	RF monitor	SMS
menue scroll & select	LED indication for status and operation mode	
emergency call audio recorder	remote control by external operating device	
automatic hang-up after call	configuration and software update via external interface	

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Accessories

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Charging cradle		Battery incl. vibrating alarm		Belt holder, 32 mm Belt holder, 50 mm		Neck holder set NB 2000	
Car charger		Antenna 450 – 470 MHz		Textile holder		Headset APOLLO XS-PTT	
Adapter cable		Microphone / Loudspeaker, C500		Leather strap		focX® Helmet set FireTalk	
Multi Power Supply		Com Control PTT, C400		Belt clip		Louspeaker/Microphone Firetalk (Aurelis)	
Desktop charger		Leather Bag open		Hör-/Sprechgarnitur KKM-PTT		external PTT	
Desktop charging station		Leather Bag Type 1		Noise com headsets incl. mini PTT on the headset		2-Point Shoulder Strap	
Quad charger		Leather Bag Type 2		Gehörschutzheadset PTT-E		3-Point Shoulder Strap	
Push-To-Talk (PTT) right-hand button		Leather Bag Type 3		Remote speaker microphone Aurelis-Audio DAT1		4-Point Shoulder Strap	

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