

Operational Handheld for Shunting (OPS)

Radio Characteristics

Frequency bands	GSM-R, ER-GSM, GSM900, E-GSM900, DCS 1800
Transmitting power	2 W (GSM / GSM-R), 1 W (DCS 1800)
Data transmission	GPRS class 10
Modulation type	GMSK

Environmental Characteristics

Operating temperature	-25°C to 46°C
Storage temperature	-40°C to 85°C
Protection class	IP65 (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	2900mAh (Lithium-Polymer battery)
Interfaces	peripheral accessory interface & RS232 (remote microphone, headset, etc.)

Extras

OTA - SIM upgrade support	automatic band recognition	GSM ASCII 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	

Dimensions & Weight

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



Accessories **focX[®]**

	Charging cradle		Battery		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		Loudspeaker/Microphone Firetalk (Aurellis)	
	Desktop charger		Leather Bag open		Hör-/Sprechgarnitur KKM-PTT		external PTT	
	Desktop charging station		Leather Bag Type 1		Noise com head-sets incl. mini PTT on the headset		2-Point Shoulder Strap	
	Quad charger		Leather Bag Type 2		Gehörschutzhead-set PTT-E		3-Point Shoulder Strap	
	Push-To-Talk (PTT) right-hand button		Leather Bag Type 3		Remote speaker microphone Aurellis-Audio DAT1		4-Point Shoulder Strap	