

## Operational Dual Mode Handheld (OPH + FM)

### 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), 1 W (70 cm Band) |
| Data transmission  | GPRS class 10                                       |
| Modulation type    | GMSK / FM (F3E)                                     |

### Dimensions & Weight

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

### 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    | 2900 mAh (Lithium-Polymer battery)                                         |
| Interfaces | peripheral accessory interface & RS 232 (remote microphone, headset, etc.) |

### Extras

|                           |                                      |                                  |
|---------------------------|--------------------------------------|----------------------------------|
| OTA - SIM upgrade support | automatic band recognition           | GSM ASCII application (phase 2+) |
| GPS optional              | UIC 751-3 Simplex Operational Mode C |                                  |

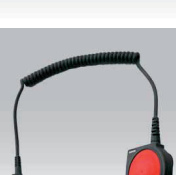
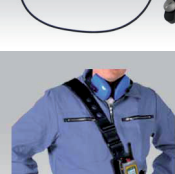
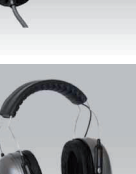
### Functional Characteristics

|                               |                                                          |                         |
|-------------------------------|----------------------------------------------------------|-------------------------|
| 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 |                         |

**optional available as dualfocX<sup>®</sup> S (OPS + FM) (GSM-R application with shunting mode)**



# Accessories **focX<sup>®</sup>**

|  |                                      |                                                                                     |                                |                                                                                     |                                                   |                                                                                      |                                            |                                                                                       |
|--|--------------------------------------|-------------------------------------------------------------------------------------|--------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------|---------------------------------------------------------------------------------------|
|  | Charging cradle                      |    | Battery                        |    | Belt holder, 32 mm<br>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 <sup>®</sup> 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                     |  |