focX® - Handheld GSM-R

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User Interface

Emergency Button
Initiating a GSM-R emergency call.

Antenna 450 - 470 MHz
(dualfocX®)

Rotary Knob
- serial jumping through the menus
- menu selection function by pressing
- high-low volume function

LAS Transmitter
Press to activate transmission of the link assurance signal.

2-line Status Display
power indicator | battery status | selected menu | Time

High / Low Volume Rocker Switch
For adjusting the loudness separately for the handset (earphone) and hands-free function.

Footer
Softkey function | selection button left and right-hand

PTT (Push-to-Talk Button)
Press and hold to send. Release to receive. PTT is only available if you use semi-duplex in GSM-R or FM mode. (dualfocX®).
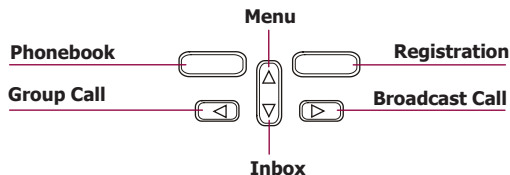
Exit Button
To end or rejecting a call. To switch on and off (keep button pressed for 3-4 seconds).
In the menu :
- return to the initial state
- delete button for the last entered number

Accept-/ Send Button
Iinitiating or accepting a call.
Open the „fixed" submenu.

Softkey Function

Default settings:

Menu

Phonebook

Registration

Group Call

Broadcast Call

Inbox

» To change the assignment of the softkeys open the menu **Settings > General > Chg. SK Funct.**.

Connections

Belt Clip
For fixing the handheld, e.g. attaching it to your clothing.
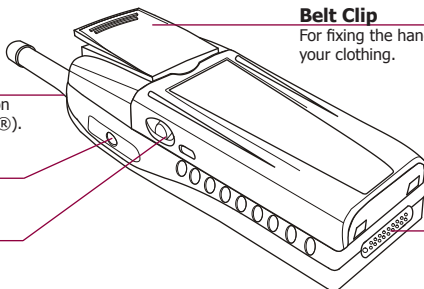
Antenna Interface
For connecting the screw-on antenna (only for dualfocX®).

12 pin Interface
Connecting an accessory

Battery Release
For unlocking the battery. The release buttons are attached to both sides of the battery.

Contact Strip
Contacts for connecting a data interface and the charger.

Switch on / off Handheld

Switch on:
» Press the exit button.

The handheld is initialised after is switched on.

» Enter the PIN code.

The PIN request only appears if the SIM card requires this.
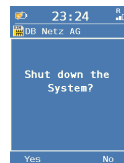
» Confirm with the left-hand selection button **OK**.

Switch off:
» Press and hold down the exit button for 3-4 seconds.
» Confirm with the left-hand selection button **Yes**.

The handheld disconnects the connection. The display and keypad lighting is switched off.

After a short time the handheld switches itself off.

Registered State

Switch off

19:39
DB Netz AG
P-GSM D
MSISDN
+4918358166349
Names Menu RegPre

23:24
DB Netz AG
Shut down the System?
Yes No

Pictograms in the Display Field

Point-to-point Call		Conference Call	Group and Broadcast Call
Incoming point-to-point call	Point-to-point call is busy	Incoming conference call	Setup Group call
Setup of a point-to-point call	Connection is busy	Setup of a conference call	Setup Broadcast call
Existing point-to-point call	No point-to-point call is possible	Existing conference call	Incoming Group- / Broadcast call
Point-to-point call is placed on hold	Point-to-point call failed	Conference call failed	Waiting Group- / Broadcast call
Waiting point-to-point call	Call interrupt	Conference call is busy	Existing Group- / Broadcast call
Emergency call			Group- / Broadcast call failed

Setting up an Emergency Call

» Press the emergency call button.
   The emergency tone sounds max. 5 s.
» Press the PTT button within 3 s.
   If the PTT confirmation is not given, the display switches back to the previously used state.

» Hold the handheld in your hand to speak and listen.
[1] Press and hold down the PTT button to speak.
[2] Release the PTT button to listen.

Listen   Speak
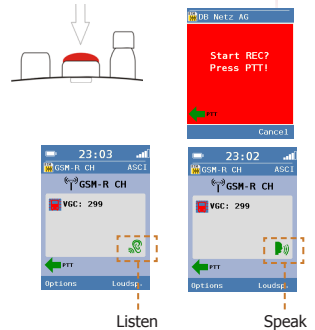
Setting up a Point-to-Point Call

Call on number dialled:
» Enter the number to using the numbers block to the initial state.
» Press the send button.
   The connection is established. The display shows the call number and the dialling symbol.
» Listen and speak like a conventional mobile phone.

Call from the phonebook:
» Open the menu **Phonebook >Phonebook entry [x].**
» Select the entry.
» Press the send button.
» Listen and speak like a conventional mobile phone.

Note: Further function such as conference call and hold occurs during a call via the left-hand selection button **Options**.

Setting up a Group Call or Broadcast Call

Requirement:
A group call or groadcast call can only be triggered when a corresponding entry is located on the SIM card.

Group- and broadcast call from the phonebook:
» Open the menu **Phonebook > Broadcast call > VGC [x] / VBC [x]**.
» Press the send button.
   The display shows the VGC / VBC and the dialling symbol.
» Press down the PTT button to speak.
» Release the PTT button after speech.
» Press the exit button, to terminate the outgoing call.
   The display shows the VGC / VBC and the derogation symbol.

Incoming Group Calls:
The incoming group call is signalled by an attention tone.
The incoming group call is signalled by an attention tone.
» Press down the PTT button to speak.
» Release the PTT button after speech.
» Press the exit button, to terminate the call.
   The display shows the group number and the derogation symbol.
   The system switches back to the basic menu.

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