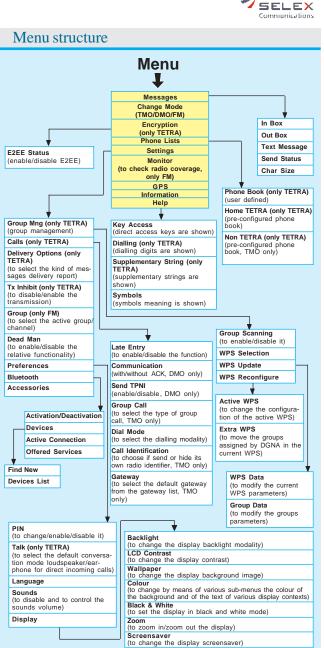
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- Some menus can be or not available according to the configuration of the radio terminal.

Logo (to change the welcome display image)

Choosing some options of WPS menus can cause the ending of active group calls.

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Displayed symbols Signal level (TMO channel) Network (search if flashing) Direct Mode Direct Mode with DM-GATEWAY equipment presence Direct Mode with DM-REP equipment presence detected E2E Crypto enabled Presence of not read messages in the In-Box. If the symbol is blinking the queue is full, and there is at least one message not read Full Queue, each message is read Active Data Call Fallback mode Earphone speech Call Speech connection active, loudspeaker mode Keypad Volume OFF Keypad locked Group Scanning enabled Group Attach Failure Group selector enabled, displayed alternatively to [§ Battery level indication Packet Data Context Packet Data Channel Headset detected Bluetooth activated (*) Handset detected GPS External Device detected Car kit detected **UHF** Simplex channel **UHF** Network channel Custom E2EE enabled Custom E2EE error VOX enabled

Transmission active

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Main controls and indicators

Group channel Selector / Volume Controller

During normal operation the knob has the volume control function, turn it clockwise to turn up the volume of the audio output of the loudspeaker/earphone. Turn the knob counterclockwise to decrease the volume.

If the knob is kept pressed until the alternate symbols S and appear on the display it goes to group-channel selection function. Once in this modality turn the knob to choose among the available groups and select the group-channel by pressing the knob. Once pressed the knob you go back to volume control function. If, in group-channel selection modality, no operation on the knob is performed for a pre-defined time interval, the knob automatically changeovers to volume control function.

Emergency Keep pressed the emergency key for at least 2 seconds to send an emergency alarm, when the radio is on. When the radio is off pressing the emergency key will turn on the radio.



Right navigation key: it's usually related to the BACK/CLEAR option. When the radio is in idle status it allows the access to send status menu; during calls using this key it is possible to send DTMF tones (only TETRA).



Up/down navigation key. In idle status allows to access the phone lists menu. It changes conversation mode (from loudspeaker to earphone and vice versa) during calls.



Left navigation key, for menu options selection. In idle status and during calls it allows the access to the main menu.



Keep pressed for a few seconds to switch on/off the radio. If pressed during communication it interrrupts the connection.

Loudspeaker Speaker used for Loudspeaker conversation mode.



Off hook key, to accept/make (after having typed in the address) an individual full duplex call; if pressed in idle status it allows to access the list of the last calls (made/received).

PTT

Push-To-Talk button, press it to talk during half-duplex conversation. If pressed (in idle status when a group is selected, or after having typed in a group address) it sends a call to the selected group/channel.

If the network allows this function, pressing PTT(1) in idle status when a group is selected the first available dispatcher of the selected group is called (not the group). Otherwise, after having typed in the address, press PTT(1) to make the half duplex individual call.

Red Led

It is lit while the radio is transmitting; blinking in Tx Inhibit mode (only TETRA).

It is lit while the radio is receiving.

Earphone

Small speaker used for earphone conversation mode.

For what concerns technical characteristics, reference standard, maintenance and troubleshooting, refer to the relevant technical handbook.

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PUMA T3 PLUS

Handportable radio

Quick reference guide



See the Safety Recommendations guide for FCC Approval

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Change Working Profile Sub-set (WPS)

SELEX

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How to		TMO	DMO	ΕM
Remove Bluetooth accessories (*)	To remove a Bluetooth accessory it is first necessary to disconnect it closing and removing the relative service: • select Settings → Bluetooth → Devices → Devices List; • scroll the device list till the device to be removed and select Option; • select the item Services List and scroll the Service List till the service to be close; • select Option and then Close. Then, from the same menu select Remove to remove the service. Now it is possible to remove the accessory: • select Settings → Bluetooth → Devices → Devices List; • scroll the device list till the device to be removed and select Option; • select the item Remove Device; • press the key associated with "YES" to confirm the operation.	*	*	
Deactivate Bluetooth (*)	To deactivate Bluetooth it is first necessary to remove all the Bluetooth accessories, then select Settings → Bluetooth → Deactivation.	*	*	1
Visualize GPS data	Select GPS item from main menu to visualize: date, time, latitude, longitude, satellite number.	*	*	
Check the radio coverage of other users	Access the monitor menu keeping pressed the key of for a few seconds from idle status, otherwise select Monitor item from main menu. Selecting Option it is possible to choose among: • Add (to add an user to be monitored) • Delete (to remove an user to be monitored) • View (to visualize the details of the last three radio coverage checks of the specific user).			7

Through the sub-menus of item **Settings** it is possible to configure several options of the hand-held radio terminal. For example, in TETRA mode, it is possible to inhibit the transmission (Tx Inhibit) or to select the default gateway and the digit ("0" "9") that must be dialled to access that gateway (Gateway<0>, Gateway<9>).

It is also possible to configure the accessories connected and to enable/disable the dead man functionality. Through the **Preferences** sub-menu the user can personalize the terminal, setting: language, sounds volume, display options. Selecting Help from main menu it is possible to visualize: the direct access keys function (direct access keys are available even during calls), the description of the strings to be dialled to define the call priority, the gateways and the address composition method (for TETRA). Also the meaning of the symbols that can be visualized on the radio display is shown.

(*) Function not available for U.S. market

How to		TMO	DMO	FM
Switch on/ switch off the handportable	Keep pressed the key of for a few seconds. The radio can also be turned on by keeping pressed the emergency key for a few seconds.	*	*	*
Manage the PIN (Personal Identification Number)	PIN insertion at power on, can be: • Enable/disabled from menu • Always enabled • Always disabled If PIN insertion is enabled, at power on the user must insert the current PIN. In case of insertion of 3 consecutive wrong pin, the current PUK must be inserted to unlock the radio. In case of 3 consecutive wrong PUK insertion the radio must be reprogrammed to be unlocked.	*	*	
Hold your Puma T3 PLUS	When you are speaking in Earphone mode, hold your radio like a normal telephone. In Loudspeaker mode (or in FM mode without the use of earphone accessories) hold Puma T3 PLUS in vertical position with its microphone, which is located towards the bottom of the radio, in front of your mouth.	*	*	*
Change con- versation mode Ear- phone/Loud- speaker	During conversation, press the key ►. Otherwise select Settings → Preferences → Talk from main menu.	*	*	
Adjust the Volume	To adjust the speech volume, use the volume knob; turn it clockwise to increase the volume and counterclockwise to decrease it. To adjust the volume of the various sounds access from main menu to Settings → Preferences → Sounds.	*	*	*
Lock/unlock keypad	Press the keys and then to lock the keypad; to unlock it press any key and follow the instructions shown on the display.	*	*	*
Change modality TMO/DMO/ FM (*)	Keep pressed key of for a few seconds. Otherwise select Change mode from main menu and select the modality.	*	*	*

Each WPS is composed of a set of different groups related to the group selector knob positions. Changing WPS you change the groups that can be selected by means of the knob. To change WPS, keep pressed key for a few seconds. Otherwise select Settings → Group MNG → WPS Select.

Call a group Select the group by means of the relevant knob, then press PTT to talk; otherwise type in the group address and press PTT.

How to		OMI	DMO	EM
Call the dis- patcher of the selected group (if the network allows this function)	Select the group by means of the relevant knob and press PTT(1) to call the first available dispatcher of the selected group (not the group).			
Call the OPEN GROUP	Keep pressed key for a few seconds, then press PTT to talk.		*	
Make an individual full duplex speech call	Type in the address or select a subscriber selecting Phone Lists → Phone Book then press key .	*		
Make an individual half duplex speech call	Type in the address or select a subscriber selecting Phone Lists → Phone Book then press PTT(1).	*	*	
Make a call in FM mode (*)	To make a call in FM mode (whether to a user or to a group) dial the user or the group address to be called, or select the address from the Phone Lists and press the key . Press PTT to talk.			*
Send an emergency alarm	Keep pressed the emergency key at least for 2 seconds. In TETRA mode the radio can be programmed to: • Send a call request • Sen an SDS • Send a call request and an SDS at the emergency key pressing. In FM mode, if the channel selected is UHF (simplex or network) the radio sends an alarm until another radio gives the received alarm signal through the key	*	*	*
Send a status message	Access the send status menu, pressing the key proof or selecting from main menu: Messages → Send Status. Select the status to be sent, then select an user or a group and send it by means of the key or selecting the Send option.	*	*	*
Send a text message	Access the text messages selecting from main menu Messages → Text Messages; otherwise keep pressed key for a few seconds. Create a new message or select a predefined message then select Option → Send. Select an user or a group and send the message by means of key or selecting the option Send. During the editing of a message it is possible to change from Uppercase to Lowercase pressing the key		*	*
Send DTMF tones	During a half duplex call, access the DTMF menu by pressing the key from the main screen keep pressing the PTT and send DTMF tones by means of the relative keys (each alphanumeric key is a different tone).	*		

	SE Commi	L	E cati	X ons
How to		OMIL	DMO	FM
Read a received message (Inbox)	Access the received messages list from main menu selecting Messages → Inbox . Use the key to scroll the list of messages. The received messages can be status for or text messages. Select the message to be read and then Option to choose among Delete-Replay-Replay+History .	*	*	*
Access last calls list	From idle status press key to display the list of the last 20 calls. Scroll them by means of key . In TETRA mode it is possible to recall the subscriber by means of PTT (1) (Half-Duplex) or key . (Full-Duplex, TMO only). In FM mode it is possible to recall the subscriber or the group, by means of the key .		*	*
Go back in a group call	It is possible to go back in a group call which is still active and from which you have disconnected: in TMO by pressing the PTT and in DMO by keeping pressed the key		*	
Enable/ disable encryption	To enable/disable encryption End To End encryption select Encryption → E2EE status. Once encryption is enabled the symbol appears on the radio display and it is possible to choose the key used for the encryption selecting the item E2EE key.		*	
Activate Bluetooth (*)	Activate Bluetooth functionality selecting Settings \rightarrow Bluetooth \rightarrow Activation . Once Bluetooth is active the symbol 3 appears on the radio display. Note: If the radio is turned off with the Bluetooth active, at the successive switch on the Bluetooth is deactivated.		*	*
Connect and use Bluetooth accessories (*)	With Bluetooth functionality active select the menu item Find New from Settings → Bluetooth → Devices (Bluetooth device must be in inquiring status). Once the device has been found check if it is "Trusted" or "Untrusted" through the menu item Devices List from menu Settings → Bluetooth → Devices, showing the device information. If the device is "Untrusted" select Option from the display showing the device information, and then select Services Search. Once the device is "Trusted" select Option from the display showing the device information, and then select Services List. Choose the service scrolling the list through the key , select Option and then Open, to open the service. If the accessory connected is a Bluetooth headset, once the service has been opened the symbol will be shown on the radio display. To pass the audio signal to the headset press the button located on the headset itself. Pressing the headset button again the audio signal returns to the radio.		*	*