



This equipment is marked



According to the requirements specified in the R&TTE directive 1999/5/EC and the Commission Decision 6th April 2000, the EC marking is accompanied by the Class II equipment class identifier.

The equipment (in the 380÷430 MHz and 410÷470 MHz versions) is intended for sell and use in AT, BE, CY, CZ, DK, EE, FI, FR, DE, GR, HU, IE, IT, LV, LT, LU, MT, NL, PL, PT, SK, SI, ES, SE, GB.

This equipment requires authorization or license for use.

This equipment operates on frequency bands non-harmonised in the EU.

This equipment can also be used worldwide where the equipment is approved for use.

FCC APPROVAL

For US owners only
FCC approval

PUMA T3 Plus/806-870 Hand Held equipment complies with Part 15 of the FCC/Federal Communication Commission regulations.

Operation is governed by the following:

FCC ID: X5Y774-0788

FCC ID: X5Y774-0788NB

These devices comply with part 15 of the FCC Rules.

Operation is subject to the following two conditions:

- these devices may not cause harmful interference, and
- these devices must accept any interference received, including interference that may cause undesired operation.

Any unauthorized modifications or changes to these devices could void the user's authority to operate these devices.

Note:

FCC ID X5Y774-0788 and FCC ID X5Y774-0788NB apply to PUMA T3 Plus/806-870 versions only.



- Hold the radio in a vertical position in front of face with the microphone (and the other parts of the radio, including the antenna) at least one inch (2.5 cm) away from the nose. Keeping the radio at the proper distance is important because RF exposures decrease with distance from the antenna. Antenna should be kept away from eyes.
- When worn on the body, always place the radio in a SELEX Elsag approved clip, holder, holster, case, or body harness for this product. Using approved body-worn accessories is important because the use of Selex Elsag or other manufacturer's non-approved accessories may result in exposure levels, which exceed the FCC's occupational/controlled environment RF exposure limits.
- If you are not using a body-worn accessory and are not using the radio in the intended use position in front of the face, then ensure the antenna and the radio are kept at least 2.5 cm (one inch) from the body when transmitting. Keeping the radio at the proper distance is important because RF exposures decrease with increasing distance from the antenna.
- Use only SELEX Elsag approved supplied or replacement antennas, batteries, and accessories. Use of non-manufacturer-name approved antennas, batteries, and accessories may exceed the FCC RF exposure guidelines.
- For a list of SELEX Elsag approved accessories (see the user manual), or (visit the following website which lists approved accessories: <http://intranet.selexelsag.com>, or (contact the radio manufacturer at customer.care@selexelsag.com)

Contact Information

For additional information on exposure requirements or other information, contact customer.care@selexelsag.com



Safety recommendations

Carefully read all of the cautions and warnings before using the radio:

- Do not use the radio equipment for uses different than those indicated in the present guide.
- For a correct use of the radio read what is listed in this guide.
- Protect the radio from sprinklings of water and/or other liquids and from dust.
- Do not bring the radio close to heat sources.
- Do not place the hand-held radio above the airbags or in their area of action. If the airbag is activated, it may not swell correctly and/or hurl the portable unit, with great force, inside the passenger compartment where are located the vehicle occupants.
- The external antenna connector, not used during normal operations, must be protected by proper cover.
- First and second maintenance level interventions on the equipment are to be carried out by authorized technicians only. Third maintenance level interventions are to be carried out by SELEX technicians only. The maintenance levels are defined in the technical manual.
- Use only original accessories and spare parts, approved by the manufacturer, suitable for the PUMA T3 PLUS. The use of different accessories and/or spare parts (earphone, antenna, etc.) makes the safety and electromagnetic compatibility certifications to be valid no more and it could lower the user safety level and/or generate electromagnetic fields that exceed the accepted limits.
- Follow the battery charger instructions in order to use it correctly.
- During voice calls, the PUMA T3 PLUS use with its proper leather bag is recommended in environments with temperature greater than 45 °C.
- The emergency call is a priority type call. The hand-held radio, like all mobile telephony equipment, operates with radio frequency signals, therefore, the forwarding of the call depends on the network coverage at the moment of the call.
- If you need send an emergency call, keep pressed the emergency button for at least 2 seconds, when the radio is switched on. In fact, a switched off radio can be turned on by keeping pressed the emergency key, but for an outgoing emergency call a new pressure of the related button must be done.
Relating to the radio setting (from PRP), two cases may occur if the transmission is inhibit:
 - a) the emergency call is not sent; it is necessary to disable the Tx Inhibit function from radio menu to forward a call (even if the call is an emergency call).
 - b) the emergency call is sent and automatically the Tx Inhibit function is disabled; from radio menu it is possible to recover the Tx Inhibit function again.



- Carry out the maintenance interventions on the hand held radio following the instructions given in the technical manual.
- Follow all accident prevention standards when carrying out maintenance interventions on the hand held radio equipment and use the proper tools (spanners, screwdrivers,.....).
- Do not use the radio if the antenna is damaged.
- Turn off the radio or inhibit transmission, if the equipment allows it, in electromagnetically sensitive environments (ex. hospitals, airports, etc.).
- The electronic devices are sensitive to electromagnetic interference (EMI) if not adequately shielded, designed or configured differently for electromagnetic fields immunity. If electromedical equipment (ex. pace-makers, acoustical equipment, etc.) is used together with the hand held radio, make sure that it is adequately shielded from external electromagnetic fields.
- Use only battery chargers recommended by manufacturer and follow the instructions reported in the manual to recharge the battery.
- Replace the batteries with equivalent batteries approved by the manufacturer.
- Replace the batteries following the instructions given in the technical manual.
- Make sure that batteries are not damaged.
- Do not use the radio if the battery is damaged.
- Position the battery charger far from heat sources and in such a way as to guarantee its correct aeration as well as safe accessibility to the network power supply outlet. Do not use the battery charger outside of the environments for which it was specified (ex. use in indoor environments only).
- Do not use the battery charger if the power supply cable and/or the plug are damaged.
- Do not cause short circuits between the battery terminals, even if the terminals are provided of protection against accidental short circuits.
- Do not take the radio into environments that have a potentially explosive atmosphere (ex. fuel storage sites, filling stations, etc.). Even when it is off, the radio, being equipped with battery, might casually trigger fires and/or explosions.
- Do not use the battery charger in environments that have a potentially explosive atmosphere (ex. fuel storage sites, filling stations, etc.). The use of battery charger might trigger fires and/or explosions.
- The danger of explosion exist if the battery is incorrectly replaced.
- Even if the battery is discharge, the danger of explosion exist if the battery is disposed on fire.
- It is advisable the use of the connector covers, when the connectors are not used during normal operations.



WARNING



WARNING



WARNING



PRECAUTION

The radio complies with all product specifications and great care is taken by the manufacturer so that user safety, as far as the effects of electromagnetic waves on health are concerned, is guaranteed within the limits established by the international specifications. In order to further increase the level of user safety, we invite you to take into consideration the following additional precautions:



PRECAUTION

- The radio is equipped with an automatic system to control the power transmitted so that the radio transmits at the maximum power only in cases of radio coverage limit or emergency call. Avoid touching the antenna when the radio is on and especially during transmission because the ability of transmitting power gets worse. When the antenna is touched, the radio automatically transmits at a greater power level than that required, nevertheless the communication may be broken down or get qualitatively worse.
- Avoid touching the equipment during data transmission.
- During voice communications in earphone mode hold the hand-held radio with the antenna straight and above your shoulder and speak directly into the microphone.
- Hold the hand-held radio in the vertical position and always at least 3 cm away from your head during voice communications in loudspeaker mode.
- Earphone kit (and/or tube audio kit) is recommended when using the equipment in full-duplex mode for a long time.
- When using the earphone do not allow the cable to twist up around the radio forming spirals.

RF energy exposure

RF ENERGY EXPOSURE AWARENESS AND CONTROL INFORMATION, AND OPERATIONAL INSTRUCTIONS FOR FCC OCCUPATIONAL USE REQUIREMENTS

BEFORE USING YOUR PORTABLE 2-WAY RADIO, READ THIS IMPORTANT RF ENERGY AWARENESS AND CONTROL INFORMATION AND OPERATIONAL INSTRUCTIONS TO ENSURE COMPLIANCE WITH THE FCC'S RF EXPOSURE GUIDELINES.

NOTICE: This radio is intended for use in occupational/controlled conditions, where users have full knowledge of their exposure and can exercise control over their exposure to meet FCC limits. This radio device is NOT authorized for general population, consumer, or any other use.

This 2-way radio uses electromagnetic energy in the radio frequency (RF) spectrum to provide communications between two or more users over a distance. It uses radio frequency (RF) energy or radio waves to send and receive calls. RF energy is one form of electromagnetic energy. Other forms include, but are not limited to, electric power, sunlight and x-rays. RF energy, however, should not be confused with these other forms of electromagnetic energy, which when used improperly can cause biological damage. Very high levels of x-rays, for example, can damage tissues and genetic material.

Experts in science, engineering, medicine, health and industry work with organizations to develop standards for exposure to RF energy. These standards provide recommended levels of RF exposure for both workers and the general public. These recommended RF exposure levels include substantial margins of protection. All 2-way radios marketed in North America are designed, manufactured and tested to ensure they meet government established RF exposure levels. In addition, manufacturers also recommend specific operating instructions to users of 2-way radios. These instructions are important because they inform users about RF energy exposure and provide simple procedures on how to control it. Please refer to the following websites for more information on what RF energy exposure is and how to control your exposure to assure compliance with established RF exposure limits.

<http://www.fcc.gov/oet/rfsafety/rf-faqs.html>

<http://www.osha.gov/SLTC/radiofrequencyradiation/index.html>

Federal Communications Commission Regulations

The FCC rules require manufacturers to comply with the FCC RF energy exposure limits for portable 2-way radios before they can be marketed in the U.S. When 2-way radios are used as a consequence of employment, the FCC requires users to be fully aware of and able to control their exposure to meet occupational requirements. Exposure awareness can be facilitated by the use of a product label directing users to specific user awareness

information. Your SELEX Elsag 2-way radio has a RF exposure product label. Also, your SELEX Elsag user manual, or product manual, or separate safety booklet includes information and operating instructions required to control your RF exposure and to satisfy compliance requirements.

Compliance with RF Exposure Standards

Your SELEX Elsag 2-way radio is designed and tested to comply with a number of national and international standards and guidelines (listed below) for human exposure to radio frequency electromagnetic energy. This radio complies with the IEEE and ICNIRP exposure limits for occupational/controlled RF exposure environment at operating duty factors of up to 25% transmitting and is authorized by the FCC for occupational use only. In terms of measuring RF energy for compliance with the FCC exposure guidelines, your radio radiates measurable RF energy only while it is transmitting (during talking), not when it is receiving (listening) or in standby mode.

Note: The approved batteries supplied with this radio are rated for a 5-5-90 duty factor (5% talk-5% listen - 90% standby), even though this radio complies with the FCC occupational RF exposure limits and may operate at duty factors of up to 25% talk.

Your SELEX Elsag 2-way radio complies with the following RF energy exposure standards and guidelines:

- United States Federal Communications Commission, Code of Federal Regulations; 47 CFR §§ 1.1307, 1.1310, 2.1091 and 2.1093
- American National Standards Institute (ANSI)/Institute of Electrical and Electronic Engineers (IEEE) C95.1-1992
- Institute of Electrical and Electronic Engineers (IEEE) C95.1-1999 Edition

RF Exposure Compliance and Control Guidelines and Operating Instructions

To control your exposure and ensure compliance with the occupational/controlled environment exposure limits always adhere to the following procedures.

Guidelines:

- Do not remove the RF Exposure Label from the device.
- User awareness instructions should accompany device when transferred to other users.
- Do not use this device if the operational requirements described herein are not met.

Operating Instructions:

- Transmit no more than the rated duty factor of 100% of the time. To transmit (talk), push the Push-To-Talk (PTT) button. To receive calls, release the PTT button. Transmitting 100% of the time, or less, is important because this radio generates measurable RF energy exposure only when transmitting (in terms of measuring for standards compliance).