



Personal Watcher

QUX VST 800 / VST 800-2



USER MANUAL

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1. Foreword

The Personal Watcher (VST 800) is a wristwatch, which contains an integral transmitter. The transmitter is transmitting identification signals, which are used to either locate the client's location within an area covered by a local positioning system, or monitor his/her location and movement status at home.

The Personal Watcher enables the user to send a distress alarm signal with a simple press of a button.

The Personal Watcher (VST 800) is transmitting on an American FCC tested and approved frequency, whereas the European version (VST 800-2) is transmitting on an European tested and approved frequency. From a user interface and function point of view the two models are identical; therefore this user manual serves both versions.

2. Installing the Personal Watcher

Turn on the Personal Watcher by pressing the red ON button on the electronic key.

Press the electronic key's RED button down for one second - the red light turns steadily ON for two (2) seconds.

If the startup command has been successfully received, the red light on the Electronic Key will flash for two (2) seconds.

Note that if the transmitter has failed to receive the startup command the red light will turn off after the initial two (2) seconds ON.

If the Electronic Key battery is low the red light will immediately flash for two (2) seconds, once the red button is pressed. (No command is sent to the transmitter).

Place the Personal Watcher on its side, on a non-metal surface, for 30 seconds.

Wrap the Personal Watcher's strap around the wrist, as done with any wristwatch. Once the strap is closed, secure it by fastening the metal clip. If required, slip the strap holder to hold the loose edge of the strap.

Note:

An alarm signal is sent to the central monitoring computer whenever the strap is open, cut, or the Personal Watcher is removed from the wrist without opening or cutting the strap.

3. Setting Time

To set the Personal Watcher's time:

1. Pull the knob, positioned at 3 o'clock (use a finger nail to apply an outbound pressure on upper side of the knob)
2. Turn the knob until the watch hands reach the desired position.
3. Push the knob back into its secured position.

4. Triggering an Alarm

1. Press the 8 o'clock pushbutton for 2 seconds.
2. A red light is illuminated inside the watch, as a confirmation that your press has been registered.
3. A distress signal is immediately sent to the central monitoring system. An alert message is displayed to the nurse on the system's monitor, and in parallel a message is sent to her pager.

5. General Rules for the Client

The Personal Watcher is a waterproof wristwatch and there is **no** need to remove it when taking a bath or a shower. You can even wear it when swimming and diving in a swimming pool or taking a sauna bath.

Turn the Personal Watcher's transmission off when admitting to a hospital, either for a visit or for hospitalization, since the transmitted signal may affect other medical instrumentation.

Turn the Personal Watcher's transmission off when boarding a flight, since the transmitted signal may affect the aircraft's avionics thus impairing flight safety.

Turning the Personal Watcher's transmission off should be done by an authorized personnel, as follows:

- Press the electronic key's BLACK button down for one second, the red light turns steadily ON for two (2) seconds.
- If the shut down command has been successfully received, the red light on the Electronic Key will flash for two (2) seconds.
- Note that if the transmitter has failed to receive the shut down command the red light will turn off after the initial two (2) seconds ON. No periodic transmission

If the Electronic Key battery is low the red light will immediately flash for two (2) seconds, once the black button is pressed. (No command is sent to the transmitter).

6. Maintenance Instructions

6.1. Replacing Batteries



Transmitter Battery Replacement

- Lay the Personal Watcher on a table, with its back cover facing you.
- Gently unscrew the back cover's four screws and remove the cover.
- Gently remove the battery holder.
- Gently pull out the used battery and insert the new one.
- Use only CR2025 Lithium batteries (3V, 170mAH), made by Mitsubishi, Energizer, Renata, or any other UL recognized CR2025 batteries.

CAUTION

Risk of explosion if battery is replaced by an incorrect type!

Dispose of used batteries according to the instructions!

- Gently place the battery holder back to its original position.

- Place the back cover at its original position and gently screw the four screws.
- Test the Personal Watch for transmission.

Watch Battery Replacement

- Lay the Personal Watcher on a table, with its back cover facing you.
- Gently unscrew the back cover's four screws and remove the cover.
- Gently remove the electronic assembly and reach the watch-assembly.
- Gently pull out the used battery and insert the new one.
Use only Maxell SR521SW, or equivalent, Lithium batteries
- Gently place the watch and electronic assemblies back at their original position.
- Place the back cover at its original position and gently screw the four screws.
- Test the wristwatch for proper functioning.

Notes:

- Battery replacement should be performed only by an authorized personnel.
- Disposal of used batteries should be done in accordance with local environmental protection acts.

6.2. **Cleaning Instructions**

A soft brush and any cleaning solution are all that is needed to clean the Personal Watcher VST 800.

Alcohol based solutions; Soapy water or Lysol can be used to clean the Personal Watcher. For additional safety and user comfort it is Recommended that after cleaning with any of the above the Transmitter be washed with clear water before it is reused.

Cleaning the Transmitter:

1. Holding it at the end of the long strap, spray the Personal Watcher with cleaning solution of choice (see above). Alternatively you can simply drop the Personal Watcher in the cleaning solution.
2. Using a piece of cloth or a paper towel, dry the outer side of the Personal Watcher. Lay the Personal Watcher on the towel with its inner side facing up. Using a soft brush or another piece of cloth/towel gently scrub the inner side of the Personal Watcher.
3. Wash the Personal Watcher in clear water. Dry the Personal Watcher using a piece of cloth/paper towel or simply let it dry.

6.3. Straps Replacement

Possible reasons for a replacing a strap could be:

1. Visible damage to one or both straps.
2. Reception of strap tamper alarms, with no visual reason seen.
3. Personal Watcher does not calibrate.

Replacement Procedure

1. Turn the Personal Watcher off with the electronic key.
2. Lay the Personal Watcher flat on its back on a table.
4. Gently remove the pin holding the damaged strap(s).
5. Gently remove the pin from the replaced strap.
6. Insert the pin into the edge of the new strap.
7. Gently insert the pin into its original position in the Personal Watcher's body.
8. Activate the Personal Watcher with the electronic key close the strap and test for "strap closed" message reception.

7. FCC Notices

This note is applicable to the American Personal Watcher (QUX-VST 800)

NOTE

The Personal Watcher VST 800 complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference.*
- (2) This device must accept any interference received, including interference that may cause undesired operation.*

This device has been tested and found to comply with the limits of the Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This device generates, uses and can radiate radio frequency energy and, if installed and used in accordance with the instruction, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this device does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to correct the interference by one or more of the following measures

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and the receiver.

- Consult the dealer or an experienced radio/TV technician for help.

CAUTION

Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the equipment.

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