Presentation

AQUALARM is an alarm system capable of detecting when a person falls into a swimming pool conforming to NF P 90-307 it alerts you to the event with it's powerful built-in siren (115 dB). AQUALARM consists of two parts :
- The detector which is installed at the swimming pools edge
- The alarm remote unit (optional) which allows the alarm and fault signal to sound from a different location. It communicates with the detector by a secure radio link (2.4 GHz). Several detectors can be linked to the same alarm remote unit.
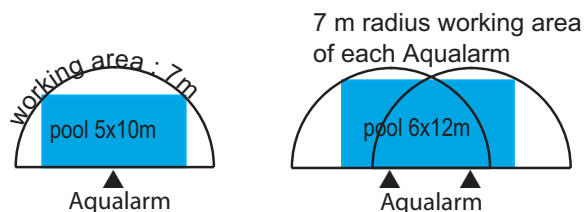
AQUALARM constantly monitors the waves generated by your swimming pool. Its signal treatment functions allow it to distinguish waves generated, for example, by a waterfall, a filter or even the wind or rain from a person falling into the pool. The delay between the alarm being triggered and the siren sounding is directly linked to the distance between the detector and the point where the water is entered. The usage limits and the optimal location of the system are explained in this manual.

> **WARNING :** The installation of your alarm system should in no way diminish your vigilance. The active surveillance of responsible adults remains the element essential for protecting young children. In no case, NEXATIS, nor your reseller can be held responsible for the drowning of a child, adult or animal.

▶ Usage Limits

☞ This type of protection can be used when the distance between the swimming pool and the home allows a suitable intervention, which means a rescue from the pool in less than 3 minutes.

The standard NF P 90-307 which governs swimming pool alarms dictates that all falls must be detected within a maximum delay of 12 seconds. Due to this the detector cannot be situated any further than 7 meters from a possible fall location.

7 m radius working area of each Aqualarm

☞ Large swimming pools should be equipped with one or more additional detectors to conform with the standard. We recommend that a radio link is established between the devices so that a change in state on one device is automatically communicated to the others (for example : changing to bathing mode).

☞ **The alarm must be audible from your home**
Depending on the distance between your home and the swimming pool, It may be necessary to sound the security, alert and fault signals from a location closer to the home to allow the signal to be clearly heard, A verification is necessary when the alarm is installed. You must in this case install the AQUALARM alarm remote unit.

☞ Some submersible cleaning robots, some 'against the current' swimming systems as well as certain high power filtration systems are incompatible with immersion detection systems.

☞ Swimming pools that have a sloping access less than 30% with no drop off point cannot be solely fitted with an immersion detection system.

☞ A cover (shutter, solar canvas...) modifies the pools comportment and may prevent the system from functioning correctly.

☞ Wind related tests have been performed in conformity with the NF P 90-307 standard. However in the case of particularly strong wind the Aqualarm's sensitivity is reduced and the time for automatic reactivation is longer. You must increase your vigilance.

Verifications

Despite all of the care we take while preparing and packaging our products, we advise that first of all you check that the product is complete and that all the pieces necessary for the installation are provided.
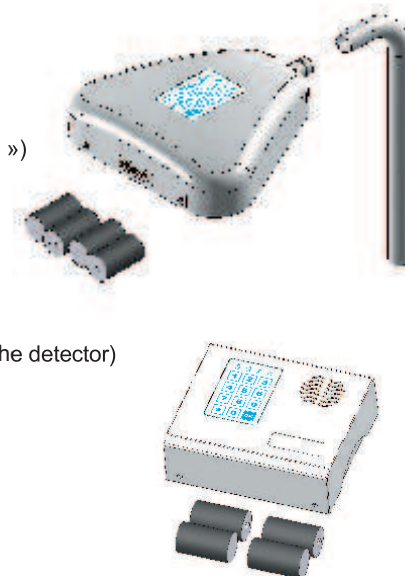
Detector
- ☐ 1 box closed with two screws
- ☐ 1 angled tube
  (fixing screw is located on the device's « nose »)
- ☐ 4 LR20 batteries
- ☐ 1 screw kit : 4 4mm screws
  and 4 Rawlplugs (only 3 are used)
- ☐ the installation certificate to be returned
  (the last page of this manual)
- ☐ the conformity certificate issued by the LNE

(remark: do not use an abrasive product to clean the detector)

The remote unit (optional)
- ☐ 1 box closed with two screws
- ☐ 4 LR20 batteries
- ☐ 1 screw kit
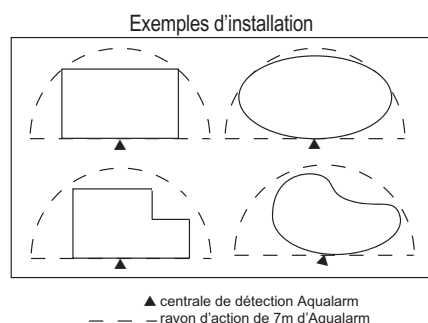   4 4mm screws and 4 Rawlplugs

Installing the detector

☞ | It is advised that a professional installs and maintains the alarm system.

In conformance with the NF P90-307 standard your Aqualarm system must be installed so as it cannot be moved by hand. The detector must be fixed to the ground by the side of the swimming pool. You will need a drill with a 6mm bit, a crossed head screwdriver and a flat head screwdriver.

➤➤➤Step 1
Choose the place where the AQUALARM detector will be fixed. In order to minimise the delay between the alarm activation and the siren sounding, the detector must be placed in the middle of the longest side of your swimming pool and must have a direct view of the rest of the pool.

Exemples d'installation

▲ centrale de détection Aqualarm
— — —rayon d'action de 7m d'Aqualarm

The following points have to be taken into account :
- The detector must be situated less than 7m from the farthest possible fall location (see the "usage limits" paragraph).
- The detector must not be situated next to anything likely to cause a perturbation (jet streams, waterfall...).
- The detector must be easily accessible, in particular to allow the deactivation of the alarm when swimming.
- If your cleaning robot has a floating tube, the tube should not be allowed to pass too close to the detector.

Advice for other pool equipment
- A cleaning robot must be adjusted so that it doesn't systematically knock into the submerged tube.
- Jet nozzles must be turned downwards to prevent too much surface movement which may upset the system when the water filtering starts.

➤➤➤Step 2
Remove the screw found under the nose of the device. Fix the angled tube on to the detector (Taking care not to damage the joint which is found on the « nose » of the device, dampen the joint first). Then place the detector at the pools edge so that the tube is in the water. Mark the position of the device.

☞ | **For optimal performance, the tube should be 15 cm (± 3 cm)** under water, any less and and the system may trigger frequently, more the system will be not be as sensitive. If you need them, longer tubes can be obtained from your reseller. **Warning, the tube should always be at least 5 cm under the surface.** Make sure you maintain a sufficient level of water in the pool, otherwise your pool alarm will no longer be operational. You should increase your vigilance until the correct situation is restored or obtain another standardised alarm system if the situation persists.

➤➤➤Step 3
Insert the batteries in the recess designed for them and in the direction indicated. An audible signal is emitted and the four lights should flash briefly. Close the box : first place the front of the box at a slight angle then slide the cover backwards. Fasten both screws.

➤➤➤Step 4
Only the second light is blinking : the system is in bathing mode. You must wait for the automatic system reactivation before proceeding to the fall detection test. Your AQUALARM must adapt to its new environment and adjust its internal parameters. Do not manually manipulate the system to ensure that it has the necessary time to adapt.

Before permanently fixing the detector to the ground, you must perform a functional test and check that the alarm can be heard from the home. Read « Testing procedure » (page 13) of this manual.

➤➤➤Step 5
Remove the bottom of the box (it will serve as the base) : remove the two screws from the back of the box, then lightly lift the cover and push forwards to remove. Position the base in the chosen location and mark the three mounting points on the coping. Fix the base to the ground using the Rawlplugs (Ø 6 mm) and screws provided with the system.

☞ | Make sure that the presence of the alarm system is permanently displayed. This will remind absent minded swimmers that they must deactivate the alarm before bathing to avoid the potential distress of the alarm sounding.

Installing the remote unit (Optional)

As with the detector, the alarm remote unit must be installed in such a way as it cannot be moved by hand. You should therefore fix it to the wall, at head height (more than 1.60 m above ground level). Use a drill with a 6 mm bit and a cross head screw driver.

➤➤➤Step 1
Decide where you want to fix your AQUALARM remote unit. The maximum distance between the two devices is approximately 50 m in a direct line, any obstacles will reduce this distance. You must also take into account the following elements :

- The alarm remote unit must be installed to allow you to hear the alarm when you are inside, You must therefore place it close to the house, inside or on an outside wall. It's purpose is to alert you in case of someone falling into the pool but also in the event of a system malfunction.

- There must be the minimum amount of objects possible (walls, hedges,...) between the detector and it's remote unit to permit the best possible radio link. Metal objects (shutters for example) are opaque to radio waves.
- To insure your alarm remote units longevity install it sheltered from the weather (under a shelter for example)

➢➢➢Step 2
To verify the chosen location you must conduct a radio test. This operation requires you to first install the batteries.Remove the alarm remote units cover : remove the two screws located on the bottom of the box, lift the cover and move gently upwards to remove. Insert the batteries in the recess designed for them and in the direction indicated.

▶ Configuring the radio link

Your AQUALARM system can consist of several detectors as well as several alarm remote units. A system is identified by a radio channel and an address on that channel. The radio channel by default is channel 11. You can keep this value and distinguish your system by the choice of a particular address. The following steps explain the operations necessary to install the alarm remote unit. They are similar to the operations necessary to install an additional detector.

➢➢➢Step 3
On each of the system devices, enter the following sequence :

X X X X * 7 1 N N

where   X X X X is the secret code (1234 if you haven't yet personalised it)

N N is the chosen address (01 to 99 the same for each device)

☞ | Your radio configuration (channel and address) must be unique in your neighbourhood to avoid interference between different AQUALARM systems. You must change your configuration if your detector makes a neighbours alarm sound.

☞ | If you use the reinitialise function the radio address is reset to 00 and will have to be re-entered for the radio link to work.

➢➢➢Step 4
The radio link test is performed by entering the following sequence

X X X X * 7 2 0 on the detector (emission)

X X X X * 7 2 1 on the alarm remote unit (reception)

where X X X X is the secret code (1234 if you haven't yet personalised it)

The level of reception is shown on the keyboard lights of the alarm remote unit. You should have at least one light constantly alight for a correct radio link. The more lights are lit up the better the radio link. **You cannot install the remote unit if none of the lights are lit up.**

➢➢➢Step 5
Place the base of the box in the chosen location and mark the 4 fixation points on the wall. Fix the box using the Rawlplugs (Ø 6mm) and screws provided. Close the box.

➢➢➢Step 6
With the alarm remote unit in place, you must perform a full system functional test (see the corresponding paragraph, page 13).

Operating Instructions

Controlling AQUALARM is done via the keyboard on the detector or the remote unit (optional component). With the keyboard you can :
- Control the system (for example change to bathing mode)
- Receive information via the lights in addition to audible beeps (for example weak battery)

An audible beep is made when you depress the keys of the keyboard :
- Short beep for a valid action
- Long deeper beep when an error is detected

When you have finished entering a function you will hear two beeps to indicate that the function has been accepted.

▶ Changing the secret code
When you receive your AQUALARM, the default secret code is 1234 on the detector and the remote unit (optional). You must change it to register your own code on each of the devices, Enter the following sequence :

X X X X * 0 1 Y Y Y Y

where X X X X is the current code and Y Y Y Y is the new code to register

If you have lost your secret code, you can use the system reinitialisation function to return to the default value (1 2 3 4). For that, hold the 1 and 3 buttons on the keyboard down while replacing the batteries. (Warning, the auto protection system of the detector will sound the alarm while you are changing the batteries : use some form of ear protection.)

☞ | The reinitialisation will reset all of the system parameters to their default values, if you have modified certain values you must re-enter your configuration.
If you have installed the AQUALARM alarm remote unit don't forget to re-enter the radio link parameters (channel and address) so that the radio link is restored.

▶ Managing system states

Your AQUALARM must always be in monitoring mode when nobody is bathing. You must therefore handle the changing of the alarms state, especially when you wish to bathe. The table shows the different possible states, the audible and visual signals that are associated as well as the action to take to change the state.

State	Associated signal	Possible actions
Monitoring	light ▧ flashing	• Enter bathing mode by entering the secret code (X X X X) • Enter alarm mode if a fall is detected

When you wish to bathe you must temporarily disable the alarm and enter bathing mode. Enter your secret code. You have 9 minutes (configurable delay) to enter the water, otherwise the alarm will reactivate.
Warning ! The user who deactivates the alarm must be aware that electronic monitoring of the pool must be replaced by human vigilance.

State	Associated signal	Possible actions
Monitoring deactivated (Bathing mode)	light ▧ flashing	• Manually pass into monitoring mode by two successive clicks of the OK button (OK OK)

After bathing the system will reactivate automatically when the swimming pool has become calm (by default 9 minutes, configurable delay). Otherwise you can reactivate the system manually by clicking the OK button twice. The system alerts you to the imminent reactivation of the alarm (configurable delay) by the lights which will alternatively flash and by close successive audible beeps. Warning if the swimming pool has not become completely calm the alarm may sound.
Between the end of the bathing period and the alarms reactivation maximum human vigilance is required.

State	Associated signal	Possible actions
Alarm reactivation	▧ and ▧ flashing alternatively with audible beeps	• Return to bathing mode by pressing any key • Pass automatically into monitoring mode after a period of inactivity in the pool

The alarm is sounded when a fall is detected or activity in the pool when the system is in monitoring mode. (see also the special case concerning the anti-theft system).
You must react when the alarm sounds and intervene as quickly as possible.

State	Associated signal	Possible actions
Alarm triggered	Siren sounding	• Stop the siren by pressing any key (see special case : anti-theft) • Stop automatically after 1 min 30 seconds (delay configurable) : the monitoring is temporarily disabled ; it is restored automatically

Switching off the detector is achieved by entering the secret code followed by the keys * 9 9. This needs to be done to change the batteries (recommended at the start of the summer) or for any operation that requires taking apart the device. **Warning ! The user who deactivates the alarm must be aware that electronic monitoring of the pool must be replaced by human vigilance.**

State	Associated signal	Possible actions
Detector switched off	All lights switched off, no audible signal	Reactivate by entering the secret code, must be followed by a functional test of the system.

Every time the detector has been switched off, regardless of the duration you must perform a functional test of the system as described (page 14).

▶ **Alert and fault signals**

The following table shows the different problems that can be indicated by the detector (and the alarm remote unit if you have this device). When a fall is detected, you should understand that you must intervene as quickly as possible; system faults must also be taken seriously as they can translate into a real security problem.

Signal	Detected problems	Possible actions
Siren sounding	Fall or activity in the pool	Press any key to stop the siren. It is essential to react quickly when the siren sounds. **Read carefully the security advice**
Siren sounding	Device opened without being switched off correctly (anti-theft)	Enter your secret code to stop the siren
Light ▧ flashing in a series of single flashes+audible beeps	Batteries weak (the local device)	Stop by OK : the audible beeps stop, but the lights will continue to flash until the problem is fixed. Change the batteries as soon as possible (see battery changing procedure).
Light ▧ flashing by series of 2 flashes + audible beeps	Batteries weak (the remote device)	Stop by OK : the audible beeps stop, but the lights will continue to flash until the problem is fixed. Change the batteries as soon as possible (see battery changing procedure)..
Light ▧ flashing by a series of single flashes + audible beeps	Radio link weak	Stop by OK : the audible beeps stop, but the lights will continue to flash until the problem is fixed. Try changing the radio channel used (see functional parameters). If the problem persists contact your reseller.
Light ▧ flashing by a series of two flashes + audible beeps	Loss of the radio link	Stop by OK : the audible beeps stop, but the lights will continue to flash until the problem is fixed. Check that no obstacle has been placed between the detector and its remote unit. If the problem persists contact your reseller.
Light ▧ flashing by a series of three flashes + audible beeps	Detector problems : • detector fault • or pool too troubled to provide an accurate detection	Stop by OK : the audible beeps stop, but the lights will continue to flash until the problem is Check whether the water is troubled (high winds), otherwise check that the tube is submerged if so contact your reseller.

	General fault	Your device is non functional contact your reseller urgently.
Light ▬▬ flashing permanently and rapidly ⚠		

▶ Function Parameters

All the functional parameters have default values which are set so that your device AQUALARM is ready to use. You can decide to modify certain values to adapt the system to your personal usage. The following table shows the parameters that you can change, the key combination to change them as well as the allowed values. The secret code is shown as X X X X.

Configurable parameter	Combination	Value
New secret code	XXXX*01YYYY	Default 1 2 3 4 XXXX current code YYYY new code
Reinitialise the system **Warning ! All your modifications are lost, in particular the radio link parameters (radio link doesn't work anymore)**	Keys 1 and 3 held in while the batteries are replaced	All parameters (including the secret code) are reinitialised and return to the default value
Delays		
Delay at the end of which the alarm will automatically reactivate once the pool has regained its calm (after bathing mode)	X X X X * 5 0 M M where MM is the value in minutes	Min 1 min (MM=01) Max 15 min (MM=15) Default 9 min (MM=09)
Delay of the signal in reactivation phase (just before the alarm re-enters monitoring mode)	X X X X * 5 1 S S where SS is the value in seconds	Min 5 s (SS=05) Max 99 s (SS=99) Default 10 s (SS=10)
Duration of the siren in alarm phase	X X X X * 5 2 D where the duration is Dx30s	Min D=1 (30 s), Max D=9 (4 min 30) Default D=3 (1 min 30)
Duration of monthly test mode	X X X X * 5 3 D D where the duration is D*30s	Min D=06 (3 min) Max D=99 (49 min 30) Default D=10 (5 min)
Duration of the beep when entering monitoring mode	X X X X * 5 4 S where S is in seconds.	Min 0 s (S=0) Max 9 s (S=9) Default 1s (S=1)

Sound levels		
Volume of the keyboard (when a key is depressed)	X X X X * 6 0 N	N between 0 and 9 Default N=1
Volume of the warning beeps (to signal a problem)	X X X X * 6 1 N	N between 1 and 9 Default N=5
Volume of the beep to signal the imminent reactivation of the alarm	X X X X * 6 2 N	N between 1 and 9 Default N=5
Radio channel used – in the event of a weak signal you can change this parameter -	X X X X * 7 0 N N	NN between 11 and 26 Default NN=11
Radio address for the devices in a system AQUALARM (there can be several detectors and several remote units the channel and address must be set to the same value for all devices)	X X X X * 7 1 NN	NN de 01 à 99 Default NN=00, no remote unit
Functional tests		
Radio test, transmission for the detector and reception for the remote unit	X X X X * 7 2 M	M = 0 : transmission M = 1 : reception
Monthly test (delay configurable by the function 53)	X X X X * 1 0	

▶ Usage Examples

AQUALARM is in monitoring mode and you wish to bathe
• You enter your secret code into the detector or into the remote unit : the system passes into bathing mode. You have 9 minutes to enter the water (until the alarm reactivates, delay configurable) .
• If you don't enter the water before the time is up and the system detects no activity in the pool the alarm reactivates automatically You are warned of the imminent reactivation by a series of audible beeps (volume and delay configurable). You can press any key to return to bathing mode. If you don't press a key, a final long beep (delay configurable) is sounded and the system returns into monitoring mode.

You are bathing (AQUALARM is in bathing mode). You leave the water.
• As soon as the pool has regained its calm, you can push the OK key twice to manually reactivate the system. Without pressing any keys the alarm will reactivate after 9 minutes of inactivity in the pool (delay configurable)

☞ When AQUALARM is reactivated manually it is not immediately at maximum efficiency and your vigilance should not be dropped. If the system is reactivated manually whilst the water is still agitated, a deep audible beep is sounded : the reactivation is not possible.

▶ Changing the batteries

Your detector contains 4 LR20 batteries, the same as the alarm remote unit (optional device). An audio and visual signal indicates the weakening of the batteries (see paragraph "The alert and fault signals"). You must replace them straight away by batteries of the same model (Duracell, type PROCELL PC1300 or MN1300+). We have put these batteries through rigorous testing in particular during large temperature variations and we can only guarantee the correct function of your AQUALARM when used with the same type and model of battery. Always use batteries that have not passed the 'use by' date.

☞ Changing the batteries requires the total shut-down of the device to allow it to be opened. You must therefore rest vigilante and ensure that children do not approach the swimming pool which is temporarily without the surveillance of your AQUALARM.

☞ Don't forget to shut-down the detector before changing the batteries. Otherwise, the auto protection system of the detector will sound the siren.

☞ For obvious security reasons, and even if laboratory tests have established a 3 year lifetime (without the siren sounding), we recommended changing the batteries at the beginning of every season.

☞ Batteries should not be thrown away, but taken to appropriate collection points. This is in conformity with law n° 99-374 of the 12th May 1999.

☞ **It is forbidden to use rechargeable batteries.**

▶ The anti-theft system

When your AQUALARMs detector is installed and ready to use, all attempts to dismantle the device, without first shutting it down will sound the siren. Shutting down the system involves your pin number, followed by *99, This alarm is a protection against attempted theft.

▶ Your AQUALARM during the winter period

The law n° 2003-9 of the 3rd January 2003 relating to swimming-pool security imposes the installation and fixation of an all year round protection system. As your AQUALARM will not operate when the water is frozen, you must therefore :
• prevent your swimming-pool from freezing by an having an active winter period and planning the necessary filtration methods according to the climatic conditions.
• Install another system certified for the winter season. In this case, we advise you to stop your AQUALARM system, to remove the device to store it away (the base can stay in place). When it is reinstalled, you must perform a complete functional test.

☞ Make sure that the water does not freeze in your AQUALARM's tube (this can happen even when the water of your swimming pool is not frozen). To be sure, perform a functional test of your system.

Testing Procedure

To check the working order of your AQUALARM system, you have to simulate the falling of a body weighing 6 kg into your swimming-pool (according to the tests, the standard is based on a 6 to 8 kg weight). The easiest is to take 4 1.5l plastic bottles, fill them with water and fix them together with strong packaging tape. You obtain a dummy very close to the standards requirements : 6 kg, 65 cm, and density 1. Put a rope around the dummy to allow it's recuperation. The same dummy can be reused every month when performing the tests.

☞ Before performing the detection test, verify that your AQUALARM system is in monitoring mode (1st green warning light is flashing), if not, wait for the automatic reactivation.

☞ In case of a problem, wait for the automatic reactivation of the system for an optimal sensitivity and identify the disruptive element (filtration, robot…). Check that all the advice given in the manual have been carefully followed to minimise the impact of these disruptive elements.

▶ First test

➢➢➢ Step 1
Protect your ears and verify that your AQUALARM is in monitoring mode. Place yourself at the location the furthest possible from the detector. Simulate a fall into the swimming-pool with the dummy : put the dummy at the swimming pool's edge (bottles parallel to the edge) and push it into the water. You should hear the siren within 12 seconds maximum following the fall. In case of a problem, contact your reseller immediately.

➢➢➢ Step 2
Make sure your siren is audible from your dwelling. Otherwise, you must install the Aqualarm remote unit. Contact your reseller.

➢➢➢ Step 3
Press any key to stop the siren. Your AQUALARM will return automatically to monitoring mode after 9 minutes of calm in the swimming-pool (delay configurable, the default value should be adequate for the vast majority of situations).

☞ The result of this first test must be written in the Installation certificate which must be sent back (see the end of the manual).

▶ Monthly test

Your AQUALARM system has a test mode where the monitoring is active but with the volume of the siren reduced so as not to disturb your neighbours(and preserve your hearing!).

➢➢➢Step 1

Check that your AQUALARM is in monitoring mode and put it in test mode by typing:

XXXX*10

Where XXXX is your secret code (1234 if you haven't yet personalised it).

The warning light flashes and audible beeps are sounded throughout the test period (5 minutes, configurable period).

➢➢➢Step 2

Place yourself at the location the furthest possible from the detector. Simulate a fall into the swimming-pool with the dummy :put the dummy at the swimming pool's edge (bottles parallel to the edge) and push it into the water. You should hear the siren within 12 seconds maximum following the fall. In case of a problem, contact your reseller immediately.

➢➢➢Step 3

Push any key to stop the siren. We advise that you wait for the automatic reactivation of the alarm at the end of the test period.
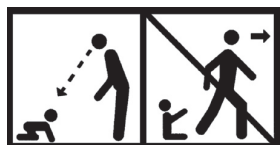
☞ | This test must be performed every month and the results written into the maintenance booklet at the back of the manual. In the event of a problem, contact your reseller immediately.

☞ | You must do this test after each complete shut-down of the system to be sure that the alarm is in correct working order.

Security advice

The security of your children depends on you!
Children of less than 5 years old
are especially at risk
Accidents do not only happen to others!
Be Prepared!

• Watch and react.
• The supervision of children must be continual and close.
• One person should be nominated responsible for security.
• Reinforce the supervision when more than one person is in the swimming-pool.
• Teach your children how to swim as early as possible.
• Wet your neck, arms and legs before going to the swimming-pool.
• Learn first aid moves and in particular moves pertaining to children.
• Forbid diving and jumping when young children are in the swimming-pool.
• Forbid running and brisk games around the swimming-pool.
• Don't allow access to the swimming-pool to children without life vest if they do not know how to swim or if they are alone in the pool.
• Don't leave toys next to or in the swimming-pool when it is not under supervision.
• Always keep the water clean.
• Keep water treatment products out of the reach of children.
• Some wave machines do not allow the automatic reactivation of the immersion detection system.

• Some cleaning robots are incompatible with immersion detection systems.
• Take all the precaution to keep children less than 5 years old away from the swimming pool when the failure signal sounds.
• Familiarise children with water by also explaining the dangers of a swimming pool and don't allow them to go in when you are not there.

Only the change of the batteries is allowed. It must be performed at the beginning of the season.

Think about :
• A telephone accessible from the swimming-pool so as to not leave children without supervision when you are on the phone.
• Rubber ring and pole next to the swimming-pool.

In the event of an accident :
• Remove the child from the swimming-pool as soon as possible.
• Immediately call the emergency services and follow the given advice.
• Replace wet clothes with warm blankets.

Memorise and display emergency service numbers next to the swimming-pool:
Paramedics
European emergency number :112 (available from all telephones)
Emergency number in France : 15 or 18
Regional Poisons units

▶ General advice for swimming pool alarms

• This alarm system does not replace individual responsibility or common sense. Neither is its goal to replace adult or parental supervision which remains the most important element in protecting children under the age of 5.

• The user who deactivates the alarm must be aware that electronic monitoring of the pool must be replaced by human vigilance.

• You must stop any wave machines to allow the system to reactivate

• This alarm is a protective device which signals a danger or risk of danger. The quick intervention of a responsible adult in less than three minutes once the alarm has been sounded is essential.

• It is important to react immediately to the alarm signal.
The speed of intervention is the deciding factor in your children's security. Learn life saving manoeuvres from the red-cross, as the emergency services arrive on average at least 14 minutes after they have been alerted. Inform your neighbourhood that you are installing an alarm and that there is risk that it will sound.

• The abilities such as defined by norm NF P 90-307 of May 2004 are not guaranteed for stronger wind than specified in the norm.

Your swimming pool is a very dangerous place for young children. Do not forget that only a few second drop in vigilance is necessary to have serious consequences. A child can drown silently in several minutes and in 20 centimetres of water, only constant adult supervision provides effective security. It is important to never leave children alone or to lose sight of them. The installation of AQUALARM should in no way reduce your vigilance or surveillance of the pool. AQUALARM is a passive security system which can help if your children escape your attention, you retain the sole responsibility for their security.

Conditions of Guarantee

This translation serves only as a guideline. For the exact terminology of the guarantee, please refer to the original document which is in French.

▶ Your guarantee

By the presence of this guarantee, NEXATIS, responsible for the commercialisation of AQUALARM attests that this product is without default in material or manufacture and this for a period of two years from the date of purchase. This guarantee covers parts, labour and the return to workshop with the exception of the exclusions of guarantee. If during the period of guarantee the product develops a fault, due to material or manufacture, NEXATIS will replace or repair(at the discretion of NEXATIS) the device or its defective parts free of charge, with the terms and conditions defined below. NEXATIS reserves the right to replace removable components of faulty devices or to replace low value components by new or factory serviced parts.

▶ Guarantee Exclusions

• Within 15 days following your purchase, you must complete the Installation certificate (page23 of this manual), and return it signed with a copy of your receipt. You will receive a reception confirmation. NEXATIS reserves the right to refuse it's free of charge guarantee in the event that the afore mentioned documents cannot be presented or that the information that they contain is incomplete or unreadable.
• You must preform the tests monthly to ensure the correct function of the system and enter the results into the maintenance book. Not complying with these obligations will constitute an exclusion of guarantee.
• The guarantee does not apply if your installation does not completely conform to that described in this manual.
• If the user sells their AQUALARM during the guarantee period the new owner loses the benefit of the guarantee.
• This guarantee does not apply if the model or the serial number displayed on the product is modified, removed or otherwise rendered unreadable.
• This guarantee covers none of the following points :
  • periodic maintenance, reparation or replacement of components due to normal wear and tear.
  • Any adaptation or modification to the product from the state in which it was bought, and as described in the manual, without explicit written consent from NEXATIS.
  • Transport costs, transport to the house and any transport risk directly or indirectly linked

to the products guarantee.
• Deterioration resulting from :
  - Bad usage, including but not exclusively an inappropriate usage of the system or non respect of the instructions provided by NEXATIS regarding the installation, usage and correct maintenance of the product.
  - Repairs carried out by a non approved technician or by the client themselves.
  - Accidents, lightning, flooding, fire or any other cause where NEXATIS is not responsible.

No clause in this guarantee affects the statutory rights of the user.

☞ Warning ! Read carefully the conditions of guarantee. If any of the conditions are not met, the guarantee AQUALARM cannot be taken into account.

▶ Return to after sales service

- All product returns with the intention of benefiting from the guarantee must first be accepted by NEXATIS. To this end the client must make contact with their AQUALARM, hereafter cited as "the product", reseller. If the product is recognised as being defective, the client shall receive a return number for the product.

- The product must be returned correctly protected, in it's original packaging, to the indicated address, accompanied with the original receipt, the client must keep a copy of the receipt. On the packaging next to the destination address the return number should be marked in
clear easy to read characters. Any product arriving without a return number will be refused. The charges and risks associated with returning the product are at the clients cost.

- After receiving the package, we will perform the necessary tests to establish the fault, where this is successful we will proceed with its repair or exchange with the shortest possible delay.

☞ Neither your reseller nor NEXATIS are obliged to systematically replace your device in the event of a malfunction. You must reinforce active surveillance of your swimming pool during this period.

▶ Limits of Responsibility

The responsibility of NEXATIS is limited to repairing or replacing AQUALARM (hereafter cited as "the product"). NEXATIS in particular shall not be held responsible to replace or repair the product if the contractual or limited guarantee cannot be applied as outlined in the preceding paragraphs. The total responsibility of NEXATIS for any defective product shall in no case exceed the price of the defective product. This limitation is valid even if NEXATIS cannot repair or replace, or doesn't repair or replace a defective product and the responsibility doesn't meet the initial outlay. NEXATIS will in no circumstance be held responsible for other costs, charges, losses or damages whether these are incurred through using the product or not. NEXATIS is in no way responsible for any general, indirect, accessory or special damage.

☞ NEXATIS has only one obligation : to provide a device in correct working order. In any case, NEXATIS or its resellers, cannot be held responsible for the fall or drowning of a child, adult or animal. you retain the sole responsibility for the security of your swimming pool.

☞ The detectors siren is in conformity with the NF P 90-307 standard. In any event, NEXATIS or its resellers cannot be held responsible for any problems with the sounding of the alarm.

▶ Declaration of Conformity

AQUALARM's immersion detection system has passed tests that certify it's conformity :

• to the standard NF P 90-307 related to swimming pool alarm systems (Certificate of conformity from the Laboratoire National d'Essais -National Test Laboratory- provided with this product)
• to the directive R&TTE 1999/5/CE related to radio electric equipment(Certificate of conformity page 19).

Product	Detector	Remote unit
Reference	AQUALARM_DET10	AQUALARM_REP10
Power	+6V ⎓ 1A	+6V ⎓ 1A
Radio frequency	2,4 Ghz	2,4 GHz

AQUALARM is a product of the company NEXATIS.
For all questions concerning the product you can contact us :
  • **by mail :**
    Aqualarm – Centre d'Affaires Grand-Var – Bât. C. - 83130 LA GARDE
  • **by telephone : + 33 (0) 891 70 10 83 (0.225€ TTC / min)**
  • **by email support@aqualarm.com**