

Contents

Presentation.....	2
▶ Limits of use	2
Verifications	3
Installation of the control unit	4
Installation of the control unit remote device (optional).....	6
▶ Parameterizing the radio link.....	6
Procedure	7
▶ Changing the secret code	7
▶ Management of the system statuses.....	8
▶ The alert and failure signals	10
▶ The operating parameters.....	11
▶ Examples of use	13
▶ Changing the batteries	13
▶ The antitheft system.....	14
▶ Your AQUALARM in winter	14
Test procedure.....	14
▶ First activation.....	15
▶ Monthly test	15
Safety recommendations	16
Warranty conditions	18
▶ Your Warranty.....	18
▶ Warranty exclusions.....	18
▶ ASS return	19
▶ Maximum liability.....	19
▶ Declaration of conformity	20
Maintenance Log.....	22
Test validation sheet	23

N.B.! Read this manual carefully and keep it for subsequent use.

Follow the installation procedure meticulously and register your product within 15 days following your purchase (see at the end of this manual). If you fail to do so, your warranty cannot be taken into account.

..•

Presentation

AQUALARM is an alarm system that detects the immersion of a body in a pool pursuant to standard NF P 90-307-1 and warns you of it thanks to its powerful integrated sirens (115 dB). AQUALARM is made up of two elements:

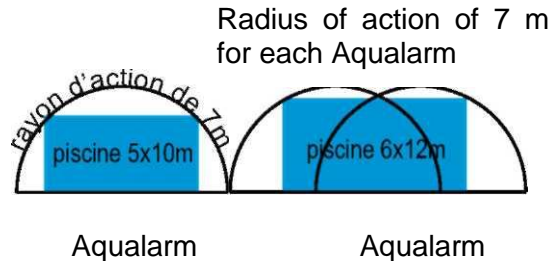
- The detection and alarm control unit to be installed next to the pool;
- The control unit remote device (optional) that allows remote transfer of the alarm and failure signals. It communicates by secure radio link with the control unit (frequency band: 2.4 GHz).

WARNING: The installation of your alarm system must not in any case lessen your vigilance. Active supervision by responsible adults remains the essential factor for protection of young children. In no case can MG International or your retailer be held liable for drowning of a child, adult or animal.

► *Limits of use*

- ☞ A child drowns in less than three minutes; no type of protection will ever replace the supervision and vigilance of a responsible adult.
- ☞ You can use this type of protection, when the installation of the swimming pool in relation to the residence or the place of accommodation allows total intervention, including rescue in the pool, in less than 3 minutes.
- ☞ Types of swimming pools for which the Aqualarm alarm system is not suitable: swimming pools that are freestanding or with soft walls, swimming pools without copings, mirror swimming pools, certain infinity pools, pools equipped with filtration whose flow is similar to that of a swim jet. Swimming pools having water access other than ladder or step type access, in particular pools with access by a deck (submerged or gentle slope) cannot be equipped only with an immersion type detection system.
- ☞ Certain types of swim jet systems and certain types of high flow filtration systems do not allow the reactivation of the immersion detection system.
- ☞ Certain diving robot type cleaning robots are incompatible with the immersion detection systems.
- ☞ The alarm must be audible from your home.
According to the location of your residence / place of accommodation in relation to the swimming pool, it may be necessary to forward the safety, alarm and failure signals so that they are heard from the residence / place of accommodation. This must be verified at the time of installation. **You must then install the AQUALARM control unit remote device.**
- ☞ The presence of a bubble cover is not compatible with the good operation of the alarm.

- ☞ In case of frost (light or heavy), or when your pool is not completely filled, your alarm cannot function.
- ☞ Wind tests were carried out according to the methods of standard NF P 90-307-1 of April 2009. For stronger wind, and in particular for gusting wind, your Aqualarm's sensitivity may be reduced (automatically), the automatic reactivation period may be prolonged and there may be false alarms. Therefore, you must be twice as vigilant in unfavorable climatic conditions.
- ☞ Water surface covered: To satisfy the standard requirements, the alarm must not be placed further than 7 m from all the possible fall points. For large swimming pools, you must equip yourself with one (or several) additional detection control unit(s). In this case we recommend that you parameterize a radio link so that the different devices communicate with each other and the operations carried out are automatically forwarded from one to the other (passage to swim mode for instance).



Verifications

Despite all the care that we take in preparation and packing of our products you must first and foremost check that the product is complete and that you have all the parts necessary for the installation:

The detection control unit

- ☐ 1 case closed by 2 screws
- ☐ 1 bent tube
(attachment screw screwed on the case "nose")
- ☐ 4 LR20 batteries
- ☐ 4 Ø 4 mm screws and 4 pegs
(only 3 are necessary)
- ☐ The certificate of conformity delivered by the LNE

The control unit remote device (optional)

- ☐ 1 box closed by 2 screws
- ☐ 4 LR20 batteries
- ☐ 4 Ø 4 mm screws and 4 pegs

Installation of the control unit

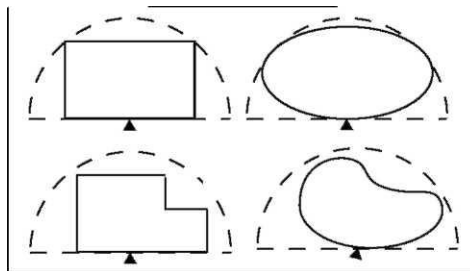
- ☞ It is preferable to use a professional for the installation and maintenance of the alarm system.

Pursuant to the provisions stipulated by standard NF P 90-307-1, **your AQUALARM system must be installed in such a way that it cannot be moved with bare hands.** You will therefore have to fix the control unit to the ground, next to the pool. You will need a drill with a 6 mm bit, a cross-slot screwdriver and a flat screwdriver.

➤➤➤Stage No. 1

Decide on the place where you are going to fix the AQUALARM control unit. In order to minimize the alarm triggering time in case of detection of fall, **the control unit must be placed at the center of the longest side of your swimming pool and must have the entire swimming pool in direct view.**

Examples of installation



▲ Aqualarm detection control unit
- - - 7m radius of action of Aqualarm

You must also take the following elements into account:

- **The detection control unit must be located at less than 7 m from the most distant point of fall** (see "Limits of use" paragraph).
- The detection control unit must not be immediately next to an interfering element (skimmer, return, waterfall...). The return fittings must be directed downward to avoid too much surface agitation that might interfere with the system when the filtration starts up.
- The detection control unit must have easy access, in particular to allow disabling of the alarm at the time of swimming.
- The robot must be adjusted in such a way that it does not systematically collide with the immersed tube. If it has a floating pipe, you must make sure that this pipe does not come too near to the AQUALARM detection control unit. For this, the control unit should be installed preferably opposite the robot connection socket.
- The detection control unit must be attached to a perfectly stable rigid surface that is not sensitive to vibrations.

➤➤➤Stage No. 2

Remove the screw placed on the case nose. Place the bent tube on the control unit (**make sure not to damage the seal on the case "nose", for this dampen it beforehand**). Replace the screw without overtightening it in order not to damage the seal and deform the pipe. Then place the control unit at the edge of the swimming pool so that the tube is immersed in the water. **Move the AQUALARM back to a maximum so that the tube is against the edge**. Mark the control unit position well.

☞ **For optimal functioning, the probe must be immersed 15 cm (± 3 cm) in the water.** Beyond this the system will be less sensitive, before this its sensitivity will be increased and it can cause untimely alarm triggering. If necessary, probe extenders can be requested from your retailer.

N.B., the tube must always be immersed at least 12 cm beneath the water surface. **Be sure to maintain a sufficient water level in the swimming pool.** Otherwise, your pool alarm is no longer operational. You must then be twice as vigilant as long as the situation has not returned to normal or you must procure another standardized device if this situation is to last.

➤➤➤Stage No. 3

Insert the batteries in the container designed for this making sure to put them in the direction indicated. Close the case: first place the front of the case, tilting it slightly, then shut the back. Screw the two nylon screws.

➤➤➤Stage No. 4

Only the second indicator lamp (diver) flashes: the system is in swimming mode. **You must await the automatic reactivation of the system before carrying out the fall detection test.** Indeed, your AQUALARM must adapt to the environment of your swimming pool and adjust its operating parameters. For this, it is preferable not to act manually on the system in order to be sure to leave it the necessary time.

Before fixing the control unit permanently to the ground, **you must now carry out an operating test and in particular check that the alarm is audible from your home / place of accommodation and that the detection system is triggered within a maximum period of 12 seconds at the furthest point from the detector.** See the "Test procedure" paragraph (page 14) of this documentation.

➤➤➤Stage No. 5

Remove the case bottom (it will serve as a base): remove the two screws at the back of the case, then slightly raise the back and push forward to disconnect the unit. Put the base at the position chosen and mark the 3 attachment points on the coping. Attach it to the ground using the pegs (\varnothing 6 mm drilling) and the screws delivered with the system.

☞ Be sure to notify permanently that the pool is under electronic surveillance. This will make it possible in particular to remind absent-minded bathers that the alarm must be disabled before swimming in order to avoid all the inconveniences of triggering the alarm.

Installation of the control unit remote device (optional)

Like the detection control unit, the remote device box must be installed in such a way that it cannot be moved with bare hands. You will therefore fix it to the wall, at human height (more than 1.60m from the ground).

➤➤➤Stage No. 1

Decide on the place where you will attach the control unit remote device of your AQUALARM system. **The maximum distance between the two equipment items is roughly 30 m in free field, but will be reduced according to the obstacles.** You must also take the following elements into account:

- The control unit remote device must be installed so that you can hear the siren when you are indoors. You must therefore place it near the house, inside or on an outside wall. Its role is to best alert you, in case of fall into the pool of course, but also in case of any failure of the system.
- There must be the least obstacles possible (wall, hedge...) between the control unit and its remote device to guarantee an optimal radio link. **Metal parts are opaque to radio waves** (metal shutters for instance).
- In order to guarantee the durability of your remote device box, you must install it sheltered from bad weather (under an awning for instance).

➤➤➤Stage No. 2

To validate the position chosen, you must carry out a radio link test. This operation of course requires the prior insertion of the batteries. Remove the remote device box cover: remove the two screws located at the bottom of the box, then raise it by moving it slightly up to release the unit. Insert the batteries in the container designed for this, in the direction indicated.

► Parameterizing the radio link

A system (control unit + remote device) is identified by a radio channel. The default radio channel is channel 11 (parameterization described p. 12). You can keep this value or modify it if you encounter interference problems. The following stages describe the operations to be carried out for installation of the control unit remote device. They are similar in the case of an additional detection control unit.

➤➤➤Stage No. 3

On each of the system elements, activate the radio link, pressing the following key sequence:

Code * 7 1 0 1

where 'Code' is the secret code (1234 as long as you have not customized it)

Your radio link must be unique in your close vicinity in order to prevent radio interference between different AQUALARM systems. You must change it if your detection control unit triggers a neighbor's siren.

- ☞ If you use the factory parameter reset function, the radio link is deactivated and must be reactivated for the radio link to function.

➤➤➤Stage No. 4

The radio link test is carried out by keying in the following key sequence:

Code * 7 2 0 on the control unit (transmission)

Code * 7 2 1 on the remote device (reception)

where 'Code' is the secret code (1234 as long as you have not customized it).

The reception level is displayed on the indicator lamps of the remote device box keypad. You must obtain at least one continuously flashing lamp for a correct radio link. The greater the number of indicator lamps on, the better the radio link. In no case may you install the remote device when no lamp is on.

➤➤➤Stage No. 5

Put the box base in the position chosen and mark the 4 attachment points on the wall. Fix it, using the pegs (Ø 6 mm drilling) and the screws delivered. Close the box.

➤➤➤Stage No. 6

When the control unit remote device is in place, you must carry out the functional test of the entire system (see corresponding paragraph, page 14).

Procedure

The AQUALARM management is carried out through the detection control unit keypad or on the control unit remote device (optional device). Through it, you can:

- Act on the system (passage to swim mode for instance).
- Receive information through indicator lamps together with beeps (weak batteries, for instance).

When you press the keypad keys, a beep is emitted:

- Short beep each time you press a key;
- Short sharp beep at the end of each valid sequence;
- Long and more low-pitched beep when an error is detected.

For instance, when you key in the secret code, each key emits a beep, and if the typed code is correct, you obtain a sharp beep at the end.

► Changing the secret code

When you receive your AQUALARM, the default secret code is 1234 on the control unit and on the remote device (optional). You must change it to record your own code on each of these devices. Key in the following sequence:

Code*0 1 Y Y Y Y

where 'Code' is the current code, and YYYYY the new code to be recorded.

For instance type 1 2 3 4 * 0 1 9 8 7 6 to replace the default code 1234 with 9876.

If you have lost your secret code, you can use the system reset function to return to the default value (1234). For this, keep keys 1 and 3 of the keypad pressed down while you insert the batteries. (N.B., the control unit failsafe system will trigger the siren when you open it to handle the batteries: **wear ear protection.**)

☞ **The reset affects all the system's operating parameters** which are all reset to their default value. If you modified certain values, you must reparameterize them.

If you have installed the AQUALARM control unit remote device, do not forget to activate the radio link (and to choose your channel) for it to be operational again.

► Management of the system statuses

Your AQUALARM must always be in surveillance mode when there is no swimming underway. So you must manage the status changes, especially when you wish to swim. The following table presents the different statuses possible, the light signals and beeps associated with them, and the actions that can be carried out from the status.

Status	Associated signal	Possible actions
No surveillance (swimming mode)	Flashing red indicator lamp	<ul style="list-style-type: none"> - Manual passage to surveillance mode by pressing twice successively on OK (OK OK sequence) It is recommended to wait for the automatic reactivation for optimal sensitivity. If your pool is too turbulent, the passage to manual mode will be refused and a low-pitched beep will be emitted. - Passage to out of service mode (Code*99)

After the swim, the system is automatically reactivated when calm has returned to the swimming pool. However, you can accelerate this process by reactivating the system yourself, pressing the OK button twice. The system informs you of the imminent reactivation of the surveillance (reactivation status underway) by the indicator lamps which flash alternately, but above all by rapid beeps. Warning, if the swimming pool is not completely calm again the reactivation may be refused (low-pitched beep), or the siren may be triggered. **The greatest vigilance is required by the responsible adult between the end of the swim and the reactivation of the alarm system.**

Status	Associated signal	Possible actions
Reactivation underway	Alternately flashing green and red indicator lamps and beeps emitted	<ul style="list-style-type: none"> - Return to swim mode by pressing on any key - Automatic passage to surveillance mode at the end of 10 seconds

This mode is intermediary between the no surveillance mode and the surveillance mode. It serves to indicate to you that the system is about to pass to surveillance mode.

Status	Associated signal	Possible actions
Surveillance (no swimming)	Flashing green indicator lamp	<ul style="list-style-type: none"> - Passage to swim mode by keying of the secret code - Passage to alarm mode if a fall is detected - Passage to out of service mode (Code*99)

When you wish to swim, you must momentarily deactivate your alarm and go to swim mode. To do so, key in your secret code. You have ten minutes to go into the water. Beyond this, the system is automatically reactivated.

Warning! The user who cuts off the system must be aware that human surveillance must replace it.

Status	Associated signal	Possible actions
Alarm underway	Siren triggered	<ul style="list-style-type: none"> - Stopping siren by pressing on a key (see specific antitheft case) - Automatic stopping after 60 seconds (parameterizable period): the surveillance is momentarily deactivated; it is reactivated automatically subsequently.

The alarm is triggered when there is detection of a fall or activity in the swimming pool when the system is in surveillance mode. (See also the specific antitheft system case).

It is imperative to react when the alarm goes off and to intervene as rapidly as possible.

Status	Associated signal	Possible actions
Out of service (complete stop of the control system)	All the indicator lamps are off, no beep	Reactivation by keying of the secret code It is then imperative to carry out a functional test of the system.

The complete stopping of the control unit is obtained by keying in the secret code followed by the key sequence: * 9 9. (There is no beep after you press the last '9' because the system is then off). The stop is necessary to change the batteries (recommended at the beginning of the season) or for any operation which requires dismantling of the device. **Warning! The user who cuts off the system must be aware that human surveillance must replace it.**

After each stop, for however long, you must carry out a functional test of the system as described in this manual (page 14).

► The alert and failure signals

The following table presents the different problems that might be indicated by the detection control unit (and the control unit remote device if you have this device). As regards the detection of a fall, everybody understands that immediate intervention is necessary. The functional problems indicated must not be minimized either: **they may indicate a real safety problem.**

Signal	The problems detected	Possible actions
Siren triggered	Immersion or activity in the swimming pool	Press any key to stop the siren. You must imperatively react rapidly when the siren goes off. Read the safety recommendations carefully.
Siren triggered	Opening of the control unit without prior stop (antitheft system)	Key in your secret code to stop the siren.
Indicator lamp ■ flashing by series of 1 flash + beeps	Weak batteries (local device)	Acknowledgment by OK: the beeps stop, but the indicator lamp continues to flash until the problem is settled. Rapidly replace the batteries (see battery changing procedure).

Indicator lamp ■ flashing by series of 2 flashes + beeps	Weak batteries (remote device)	Acknowledgment by OK: the beeps stop, but the indicator lamp continues to flash until the problem is settled. Rapidly replace the batteries (see battery changing procedure).
Indicator lamp ■ flashing by series of 1 flash + beeps	Radio link interference	Acknowledgment by OK: the beeps stop, but the indicator lamp continues to flash until the problem is settled. Try to change the radio channel used (see operating parameters).
Indicator lamp ■ flashing by series of 2 flashes + beeps	Loss of the radio link	Acknowledgment by OK: the beeps stop, but the indicator lamp continues to flash until the problem is settled. Check that the distance between the control unit and its remote device is not too great, and that no obstacle has appeared.
Indicator lamp ■ flashing by series of 3 flashes + beeps	Detection problem: swimming pool too turbulent to guarantee reliable detection	Acknowledgment by OK: the beeps stop, but the indicator lamp continues to flash until the problem is settled. Check whether the water is turbulent (presence of strong wind), otherwise check that the tube is well immersed in the water.
Indicator lamp ■ flashing rapidly, regularly and permanently	General failure	Your device is not functional, contact our technical service rapidly.

► The operating parameters

All the operating parameters are defined by default, so that your AQUALARM is "ready for use". However you can decide to modify certain values to best adapt the operation of the system to your personal use. The following table presents the parameters that you can modify, the corresponding key sequence, and the authorized values. The secret code is always represented by the word 'Code'.

Parameterized function	Key sequence	Value
New secret code	Code *1 YYYY	Default 1234 YYYY new password

Resetting the system Warning! All the modifications that you have made are lost, inter alia the parameterization of the radio link which is no longer operational	Keys 1 and 3 pressed down during insertion of the batteries	All the parameters (including the secret code) are reset and go back to their default value
---	---	---

The durations

Duration of triggering of the siren in alarm phase	Code * 5 2 D where the duration is Dx30s	Min D=2 (60 s), Max D=9 (4 min 30) By default D=2 (60 s)
Duration of monthly test mode	Code * 5 3 D D where the duration is Dx30s	Min D=06 (3 min) Max D=99 (49 min 30) By default D=10(5 min)

The sound levels

Sound level of the keypad beeps (when you press a key)	Code*60N	N from 0 to 9 By default N=1
Sound level of the warning beeps (when a problem is indicated)	Code * 61N	N from 0 to 9 By default N=5
Sound level of the beeps that indicate imminent reactivation of the alarm	Code*62N	N from 0 to 9 By default N=5

The radio link

Radio channel used - In case of interference, you can try to change this parameter -	Code*70NN	NN from 11 to 26 inclusive By default NN=11
Activation of the radio link Deactivation of the radio link	Code*7101 Code*7100	By default, the radio link is not activated

The functional tests

Radio test to be launched on the control unit(s) in transmission and the remote device in reception	Code * 7 2 M	M = 0: transmission M = 1: reception
Monthly test (parameterizable duration with function 53)	Code * 1 0	

► Examples of use

AQUALARM is in surveillance mode. You want to swim.

- You input your secret code on the control unit or the remote device: the system goes to swimming mode. You have ten minutes (automatic reactivation period) to go into the water.
- If you do not go within the allotted period, the system does not detect activity in the water and the alarm is automatically reactivated. You are warned of the imminent reactivation by beeps (parameterizable volume). You can then press any key to go back to swimming mode. If you do not intervene, a final longer beep is then emitted and the system goes back to surveillance mode.

You have a swim (AQUALARM is in swim mode). You come out of the water.

- As soon as the swimming pool is calm again, you can press the OK key twice to reactivate the system manually. Without intervention, the alarm is reactivated automatically when the swimming pool is calm again.
- ☞ When the AQUALARM is reactivated manually, its sensitivity is not optimal immediately and you must not relax your surveillance of the pool. If you try to reactivate the system manually when the pool is still too turbulent, a low pitched beep is emitted: reactivation is not possible.

► Changing the batteries

Your detection control unit has 4 LR20 alkaline batteries, as does your control unit remote device (optional device). When the batteries become weak, you receive a visual and sound warning (see "The alarm and failure signals" paragraph). **You must then replace them immediately with batteries of the same model (Duracell LR20, reference PC1300 or MN1300).** We have submitted these batteries to rigorous consumption tests, in particular with high temperature variations, and we can guarantee the operation of your AQUALARM only subject to use of the same battery model. **Make sure to always use batteries that have not yet reached their expiry date.**

- ☞ For changing of the batteries the control unit must be completely stopped so that it can be opened. **You must then be twice as vigilant and make sure that the children do not go near the swimming pool which is momentarily without surveillance by your AQUALARM.**
- ☞ Do not forget to stop your control unit before opening it to change the batteries. Otherwise, the control unit failsafe system will trigger the siren.
- ☞ For obvious safety reasons, and even if the tests carried out in laboratory determine a three-year lifetime (without triggering of siren), it is recommended to change the batteries at each season beginning.

☞ Do not throw the used batteries into the garbage: take them to the battery collection points. This is an obligation pursuant to decree No. 99-374 of May 12, 1999.

☞ **Do not use rechargeable batteries.**

► **The antitheft system**

When your AQUALARM detection control unit system is installed and operational, any attempt to disassemble it, without stopping it completely first, triggers the alarm sirens. Since the complete stopping requires keying in of the secret code (followed by *99), you are warned in case of attempted theft of your control unit.

► **Your AQUALARM in winter**

Law no. 2003-9 of January 3, 2003 concerning safety of swimming pools requires that a protection system be installed and fixed in the home year round. Your AQUALARM does not function when the water surface is frozen (light or heavy frost), or when your pool is not completely filled. You must therefore:

- Either prevent freezing in your pool through active winter maintenance and programming necessary filtration periods according to the climatic conditions, and maintain the water level in your pool.
- Or provide another standardized device for the winter. In this case, we advise you to stop your AQUALARM, to remove the cover and to put it away (the base can remain in place). When you bring it back into service, naturally you must carry out the functional tests.

☞ Make sure that the water is not frozen in your AQUALARM tube. (This can happen even if the swimming pool is not frozen). To verify this, carry out a functional test of the system.

Test procedure

☞ You must carry out a complete functional test of your detection system regularly or have it carried out by a professional.

To test the proper operation of your AQUALARM, you must simulate the falling of a body of 6 kg in your swimming pool (according to the tests, with or without wind, the standard stipulates a weight of 6 or 8 kg). The simplest thing is to take four 1.5 L plastic bottles, fill them with water and attach them together head-to-tail with mover's adhesive tape. You thus obtain a "dummy" very close to the standard requirements: 6 kg, 65 cm and density 1. Tie a string around it so that you can retrieve it easily. This dummy can be used each month.

- ☞ Before any detection fall test, check that your AQUALARM is in surveillance mode (first green indicator lamp flashing), otherwise, **wait until the automatic restart**.
- ☞ **In case of a problem, wait for the automatic reactivation of the system for optimal sensitivity** and identify the interfering elements (filtration, robot...). Check that you have fully observed the recommendations given in this manual to minimize their impact.

► First activation

➤➤➤Stage No. 1

Provide yourself with ear protection and **check that AQUALARM is in surveillance mode**, otherwise, **wait until the automatic restart**. Go to the place furthest from the control unit. Make the dummy fall into the swimming pool: place it at the edge of the pool (bottles parallel to the edge) and push it into the water. The siren must go off at maximum within 12 seconds following the fall. In case of a problem, check the recommendations of stage No. 2 of the installation (page 5). If the problem continues, contact our technical service immediately.

➤➤➤Stage No. 2

Check that the siren is audible from your residence or place of accommodation. Otherwise, you must install the AQUALARM control unit remote device. To do so, contact your retailer.

➤➤➤Stage No. 3

Press any key to stop the siren. Your AQUALARM will go back to surveillance mode automatically, after 10 minutes of calm in the swimming pool.

- ☞ The result of this first test must be written down in the activation sheet that you must imperatively return to us (see at the end of this manual).

► Monthly test

Your AQUALARM system has a test mode for which the surveillance is active, but with a reduced sound level of the siren in order not to disturb your neighbors (and to protect your ears!)

➤➤➤Stage No. 1

Check that AQUALARM is in surveillance mode then go to test mode, keying in:

Code * 1 0

where 'Code' is your secret code (1234 as long as you have not customized it).

The indicator lamp indicating a problem flashes and beeps are emitted throughout the duration of the test (5 minutes, parameterizable period).

➤➤➤Stage No. 2

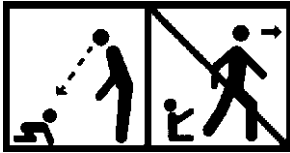
Go to the place furthest from the control unit and make your dummy fall into the pool: place it at the edge of the pool (bottles parallel to the edge) and push it into the water. The control unit siren (and that of the control unit remote device if installed) must go off at maximum within 12 seconds following the fall. In case of a problem, check the recommendations of stage No. 2 of the installation (page 5), and the presence and condition of the seal on the nose of the device. If the problem continues, contact our technical service immediately.

➤➤➤Stage No. 3

Then press any key to stop it. We recommend that you await the automatic reactivation of the alarm on conclusion of the test period.

- ☞ This test must be carried out every month and the results written down in the maintenance log at the end of this manual.
- ☞ You must carry out this test after every complete stop of the system to make sure that the alarm is working properly.

Safety recommendations



The safety of your children depends only on you! The risk is greatest when the children are less than five years of age. Accidents do not happen only to others! Be ready to cope!

Supervise and act

- The children must be watched closely and constantly.
- Appoint a single person as responsible for safety.
- Increase surveillance when there are several users in the swimming pool.
- Teach your children to swim as soon as possible.
- Wet the back of the neck, arms and legs before entering the water.
- Learn the actions that save and expressly those specific for children.
- Forbid diving or jumping in presence of young children and in swimming pools with a depth of less than 1.80 m.
- Forbid running and lively games near the swimming pool.
- Do not allow a child who does not know how to swim properly or who is not accompanied to go into the pool without a float or water wings.
- Do not leave toys near and in the pool when it is not supervised.
- Keep the water permanently clear and healthy.
- Store the water treatment products out of reach of children.

- Certain swim jet systems do not allow the automatic reactivation of the immersion detection system.
- Certain diving robot type cleaning robots are incompatible with the immersion detection systems.
- In order to prevent children of less than five years old from going into the pool when the failure signal is triggered, take all necessary measures until the repair.
- Only changing of batteries and fuses is authorized, and this must be done at the beginning of the season.
- This alarm system does not replace common sense or individual responsibility. Its aim is not to replace the vigilance of parents and/or responsible adults either; this remains the essential factor for protection of children of less than five years of age.
- This alarm is a safety equipment item that indicates danger (or risk of danger). Rapid intervention in less than 3 minutes by a responsible adult is obligatory when the alarm signal goes off.
- The user who cuts off the system must be aware that human surveillance must replace it.
- It is imperative to react when the failure signal goes off.
- The greatest vigilance is required by the responsible adult between the end of the bathing and the reactivation of the alarm system.
- Stop the swim jet system at the end of the swimming session to allow the reactivation of the alarm system.
- The performances as defined by standard NF P 90-307-1 are not guaranteed beyond wind levels greater than those specified in this standard.
- During the automatic reactivation time, the responsible adult must supervise the pool, remaining by it for the necessary time until the system goes back to its surveillance function. The effective reactivation is indicated by the passage of a red indicator lamp to the green indicator lamp

Provide

- An accessible telephone near the pool so that you do not leave your children without surveillance when you telephone.
- Life belt and pole near the pool.

In case of accident:

- Get the child out of the water as quickly as possible.
- Call the emergency services immediately and follow the advice given to you.
- Replace the wet garments with warm blankets.

Memorize and display near the pool the emergency service numbers.

Fire brigade: 18 for France

SAMU (EMS - Emergency Medical Services): 15 for France

European emergency number: 112 (accessible from all telephones)

Regional poison center

Your swimming pool is an extremely dangerous place for young children. Never forget that only a few seconds of inattention can have dramatic consequences. A child can drown without a sound in a few minutes in twenty centimeters of water; only active and constant surveillance by adults allows efficacious prevention. You must therefore never leave a child alone and never take your eyes off him. **The installation of your AQUALARM system must in no way lessen your vigilance and active and visual surveillance of the pool.** AQUALARM is a passive safety element that can assist you if your children evade your surveillance, but you alone remain responsible for their safety.

Warranty conditions

Your AQUALARM (hereafter: the "Product") is guaranteed for 2 years (detection control unit and optional remote device).

► Your Warranty

By this warranty, MG International, responsible for the marketing of AQUALARM (hereafter: "the Product"), certifies that this product is free of material and manufacturing defects and this, for a period of 2 (TWO) YEARS from its date of purchase. This warranty includes parts and workmanship provided that it does not come under warranty exclusions. If during the guarantee period, the product is found defective on account of material or manufacturing defects, MG International will repair or replace free of charge (at MG International's discretion) the device or its defective parts, and pursuant to the conditions defined below. MG International reserves the right (at its sole discretion) to replace the spare parts of the defective products or to replace the inexpensive products by new or factory overhauled parts or products.

► Warranty exclusions

- **Within the 15 days following your purchase, you must register your AQUALARM (see p. 23 of this manual). MG International reserves the right to refuse its free guarantee if the elements requested cannot be presented or if the information that they must contain prove to be incomplete or illegible.**
- **You must carry out monthly the tests allowing certifying of the proper functioning of the system and enter the results in the maintenance log. Any breach of these obligations constitutes a warranty exclusion condition.**
- The warranty does not apply if your installation does not conform in every way to the description given in this guide.
- If the user customer sells his AQUALARM during the warranty period, the new owner loses the benefit of said warranty. This will be considered to be accepted by the new owner.
- This warranty does not apply if the model or serial number appearing on the product has been modified, deleted, removed or made illegible.


This warranty does not cover the following points:

- Periodic maintenance and repair or replacement of parts as a result of normal wear.
- Any adaptation or modification designed to improve the product as it was purchased, and as described in the instructions for use, without the prior agreement in writing of MG International.
- Transport costs, transport costs to domicile and all transport risks relating directly or indirectly to the warranty of this product.
- Deteriorations resulting from:
 - Misuse, including, but not exclusively, inappropriate use of the system or breach of MG International's instructions regarding the installation, use and correct maintenance of the product.
 - Repair carried out by unauthorized repairers or by the actual customer.
 - Accidents, thunder, floods, immersion of the product, fire or any other cause beyond MG International's liability.

 **Warning! Read the warranty recommendations carefully. If one of the above conditions is not satisfied, the warranty attached to your AQUALARM system cannot be taken into account.**

► **ASS return**

- Any product return that is to benefit from the warranty must be accepted in advance by MG International. To this end, the customer will contact MG International's technical service. If the product is acknowledged as defective, a product return number will be transmitted to the customer.
- The product must be returned correctly protected, in its original packaging, to the indicated address, accompanied by the original sale invoice of which the purchaser will keep a copy. On the packaging, next to the addressee's address, the return number indicated to you must appear legibly. Any product arriving without the return number will be refused. The costs and risks relating to the product return are borne by the customer.
- On receipt of this package, we will carry out the necessary tests in order to verify the failure. In the case of effective failure, we will carry out its exchange or repair in as short a time as possible.

 Neither your retailer nor MG International is obliged to replace systematically your device when it is out of service. You must reinforce active surveillance of your swimming pool during this period.

► **Maximum liability**

MG International's liability pursuant to this warranty is limited to the repair or replacement of the AQUALARM. MG International in particular will not be bound to replace or repair the product if the contractual/limited warranty cannot be applied, as set down in the foregoing paragraphs. MG International's entire liability for any defective product can in

no case exceed the purchase price of the defective product. This limitation is valid even if MG International cannot repair or replace, or does not repair or replace a defective product and the compensation does not correspond to the main purpose. MG International will in no case and in no circumstance be held liable for the other costs, charges, expenses, loss or damages of any kind whatsoever resulting from the use of the product. MG International is in no case liable for any general, indirect, accessory or special damages.

This guarantee constitutes MG International's entire liability for the products and services supplied pursuant to this warranty.

MG International will not assume any other obligation, duty or liability, whether contractual, extracontractual (including liability for negligence) or other towards the customer.

It must be remembered that certain difficult climatic conditions can destabilize your product (untimely triggering of alarm). In these situations make sure that your child does not go near the swimming pool. Do not stop your immersion detector for a long period.

No clause in this warranty affects the user's statutory rights.

- ☞ MG International has only an obligation of diligence: to supply to you a device in working condition, free of material and manufacturing defects. In no case can MG International or its retailers be held liable for the fall or drowning of a child, adult or animal. You alone are responsible for the safety of your swimming pool.
- ☞ The integrated sirens of the detection control unit (and the control unit remote device) conform to the requirements of standard NF P 90-307-1. In no case can MG International or its retailers be held liable in case of problems relating to the triggering of the sirens.

► Declaration of conformity

The Aqualarm immersion detection system has successfully passed the tests vouching for its conformity:

- To standard NF P 90-307-1 relating to swimming pool alarm systems (certificate of conformity delivered by the National Test Laboratory provided with the product).
- To the R&TTE 1999/5/CE directive relating to radio electric equipment (certificate of conformity reproduced on p. 21).
-

Product	Detection control unit	Control unit remote device
Reference	AQUALARM_A2009	AQUALARM_REP10
Electricity supply	+6V—1A	+6V—1A
Frequency band	2.4 GHz	2.4 GHz

AQUALARM is a product of MG International For any question concerning it, you can contact us:

- **By mail at the following address:**
MG International
ZI Athélia II
34 avenue des Tamaris 13704 La Ciotat Cedex
- **By telephone at 0 891 70 10 83 (€0.225 including tax / min)**
- **By e-mail at support@aqualarm.com**

**DECLARATION OF CONFORMITY OF RADIO ELECTRIC EQUIPMENT
(DIRECTIVE R&TTE 1999/5/CE)**

IDENTIFICATION OF THE EQUIPMENT

AQUALARM, Immersion detection system

Planned application: Swimming pool alarm

MG International, represented by its CEO, declares on its entire liability that the product described below conforms to the essential applicable requirements of directive 1999/5/CE:

- Article 3.1 a (protection of the users' health and safety):
Electric safety standard applied: EN 60950-1 Ed. 01
- Article 3.1b (protection requirements regarding electromagnetic compatibility):
CEM standard applied: EN 301 489-17 Ed.02/ EN 50130-4 Ed.95 +A1 Ed.98+A2 Ed.03
- Article 3.2 (effective use of the radio electric spectrum, in such a way as to avoid harmful interferences):
RADIO standard applied: EN 300 328-1

To this end, it declares that all the radio test series have been carried out.
At La Ciotat, April 6, 2009

Identification of the notified body that carried out the tests:

EMITECH

Address: 3 rue des Coudriers

ZA de l'Observatoire - CAP 78

78180 MONTIGNY LE BRETONNEUX

FRANCE

Identification number: 0536

Maintenance Log

Note here the serial no. of your
Aqualarm:
Control Unit.....
Remote Device.....

The functional tests of your AQUALARM system must be carried out every month. The results must be entered in the table below. You must indicate the test date, its result and affix your signature.

>>>>>>In case of failure, contact our technical service immediately.

Test Date test	Result: Success or failure	Signature

**Register your product and receive a
two-year warranty.**

**To do so, connect to
www.aqualarm.com or return
the form on the opposite page**

AQUALARM ACTIVATION CARD

Thank you for purchasing an AQUALARM immersion detection system. This product is subject to the warranty conditions and you are requested to read them carefully for all information on the product. To receive the full benefit of our warranty, you must register your product within 15 days following your purchase. To do so, you can:

- Either connect to www.aqualarm.com, Users section (you can then print the recording of your warranty).
- Or fill out this form, sign it, and return it to us by simple international mail, accompanied by a copy of your invoice.

MG International reserves the right to refuse its free guarantee if the information provided is incomplete or illegible.

In Date:
Signature

AQUALARM

For any other information on the product, you can contact us:
Tel. 0 891 70 10 83

MG International
ZI Athelia II
34 avenue des Tamaris
13704 La Ciotat Cedex

support@aqualarm.com

**Register your product and receive
a two-year warranty.**

**To do so, connect to
www.aqualarm.com or return the
form on the page opposite.**

**The serial number appears on the product's personal identification label (on the
back of the packing or directly on the product).**

This system conforms to NF P 90-307 AQUALARM – Ref. DET10

+6v —1A

CE No.

Your details

Surname Given name

Company

Address.....

.....

Zip code.....City

Tel.....Fax.....

E-mail address.....

Your retailer

Company.....

Zip code.....City

Aqualarm system purchased on.....

AQUALARM

System in your possession

☐ Detection control unit

Serial number

☐ Control unit remote device

Serial number

Test carried out on

Fall detected in less than 12 s

☐ Yes ☐ No

Alarm audible from the home

☐ Yes ☐ No