



pool alarm system
User Guide

SYSTEMAX

Thank you for purchasing poolnanny™

You have made an excellent decision choosing our product. Systemax Safety Systems, Inc. has created the most innovative system to efficiently protect your children from the swimming pool's intrinsic dangers, assisting the parents with their supervision.

Please, read the User Guide carefully and get the complete Installation Guide from www.mypoolnanny.com **before** using and installing the system.

If you have any question or for information on professional installation please feel free to contact our customer service department.

Thank you again from all of us.

Systemax Safety Systems, Inc.



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www.mypoolnanny.com

Complete poolnanny™ system requires:



**Supervised
Ankle ID Tag
PN 201**



**Supervisor
Ankle ID Tag
PN 301**

**Base Unit
PN 101**

Power supply

Recommended:
24 VDC 1 Amp

Siren

Recommended:
150 ma, 12 VDC,
minimum 85db
at 10 ft

Wire

Recommended:
18 gauge

Power supply, siren and wire are not provided by Systemax

Components

● **Base Unit PN 101**

It is the central processing unit of the system. It turns on and off the ID tags, while sending a home address to them. When the Base Unit receives the signal from an ID Tag with its home address and a SUPERVISED code, it sets off the alarm. The alarm can only be reset by the presence in the area of a Supervisor ID Tag.

● **Supervised Ankle ID Tag PN 201**

It is a portable device strapped to the child's ankle. It is turned on when it enters the supervised area, and transmits a signal notifying the Base Unit about its presence. To ensure maximum safety, this device should be permanently attached to the child. For this purpose, one time snap bands are included in the package. These bands need to be cut off to be removed.

● **Supervisor Ankle ID Tag PN 301**

It is a portable device strapped to the designated supervisor's ankle. It is turned on when it enters the supervised area, and transmits a signal notifying the Base Unit about its presence. This device is the only means to reset an alarm.

Accessories

● **Quick Release Band PN 301**

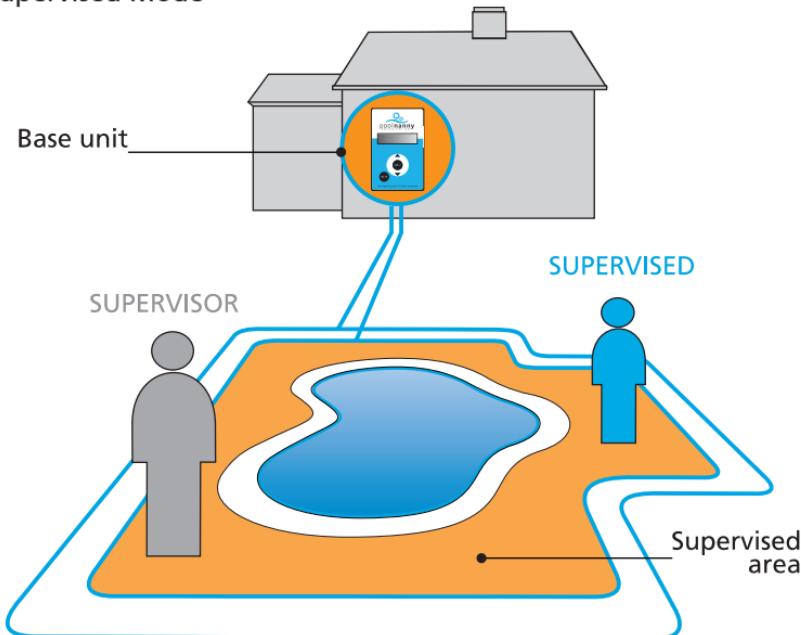
● **One Time Snap Band Pack PN 301**

● **Infant Quick Release Belt PN 301**

System description

poolnanny™ is a system designed primarily for the safety of children that are in the surroundings of a swimming pool. It consists of a portable device strapped to each child's ankle (Supervised Ankle ID Tag PN 201), a similar one for each adult or supervisor (Supervisor Ankle ID Tag PN 301), and a Base Unit PN 101 (powered by means of an AC adaptor), as well as a pair of cables around the supervised area (see **figures 1.a** and **1.b**). An installer's device (Set-up Tester PN 801) is provided to installers on request, to aid them in the adjustment process after installing the system.

Figure 1.a
Supervised Mode



The portable units are similar to a wrist watch in shape, size, and weight.

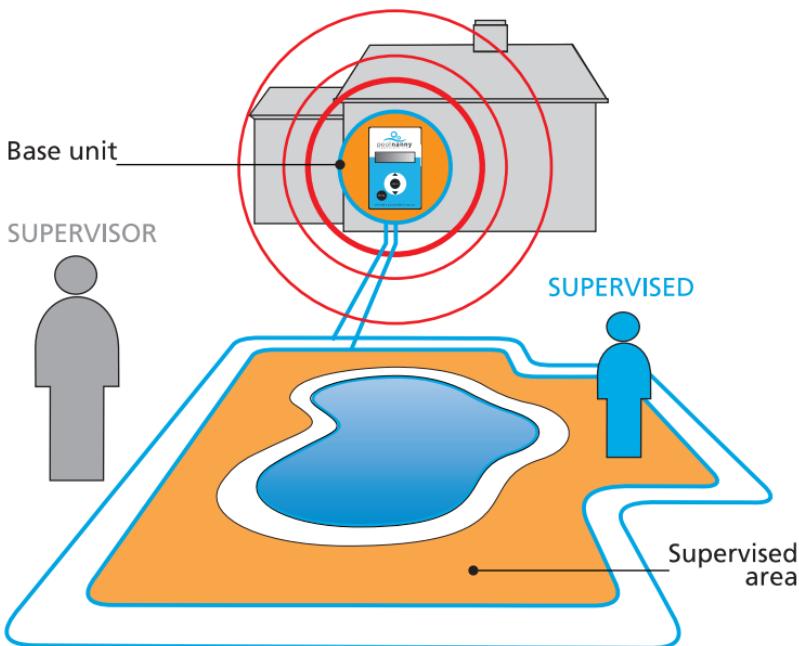
When both of the following conditions:

A. a Supervised ID Tag is in the supervised area.

B. no Supervisor ID Tag is in the supervised area,

poolnanny™ activates an alarm. Once activated, the alarm will be turned off only when a Supervisor ID Tag enters the supervised area (regardless of the presence of a Supervised ID Tag in it), or by pressing the menu key in the Base Unit.

Figure 1.b
Alarm Mode



Operation

Once the system is installed (by following the Installation Guide), the only thing the user has to take care of is that the Supervisor ID Tags that will be used in the supervised area are registered in the Base Unit. For that matter, see menu option "REC. SUPERVISOR", page 7.

Once you exit the menu, the system will display "SYSTEM READY" and, as soon as it detects the presence of a registered Supervisor ID Tag in the supervised area, it will display "SUPERVISED". It will display "CHILDREN" and turn on the alarm (activating the relay output) if it detects the presence of a Supervised ID Tag in the absence of a registered Supervisor ID Tag. (1)

The Base Unit can also display the current time (see menu option "SHOW CLOCK", page 9.)

Never unplug the base unit.

It is advised that the supervisor be the last person to leave the supervised area, to avoid false alarms.

(1) Be aware that if the auxiliary input is enabled and has been connected to other sensor or system, the warning signal may be activated by this sensor or system, without poolnanny™ Base Unit showing any alarm condition.

Menu options

Press **<menu>** to enter the menu, and the arrow keys to see the menu options available. To enter a menu option, press **<center>**. To leave a menu option, press **<menu>**. An explanation of each menu option follows.

1

SETUP
REC. SUPERVISOR

<enter>

SEARCHING...

(packet received)

FOUND -> <ID>
<position in Base Unit memory>

NOTE: It will display "LIST FULL" if the Base Unit's memory is full.

If you press **<enter>** while in this mode, the Base Unit will search for a Supervisor ID Tag inside the supervised area to record its ID, if it finds one.

The search is stopped if a Supervisor ID Tag is found or if the user presses the **<menu>** key for a number of seconds.

If a Supervisor ID Tag is found, the Base Unit will display its ID and its position in the Base Unit memory for 2 seconds.

2

SETUP
DELETE REMOTE

<enter>

DELETE REMOTE
0) <ID>

<enter>

DELETING --> <ID>

If you press **<enter>** while in this mode, the Base Unit will display the list of the registered Supervisor ID Tags, one at a time, numbered from 0 to 9. You can scroll through the list using the arrow keys.

When you press **<enter>** while an ID is being displayed, it will be deleted from the Base Unit memory.

3

SETUP
ENABLE auxIN

<enter>

ENABLE auxIN
STATUS--> ON

<enter> or <▲> or <▼>

ENABLE auxIN
STATUS--> OFF

In this mode, the user can enable ("STATUS--> ON") or disable ("STATUS--> OFF") the auxiliary input, using <enter> or the arrow keys. This input can be used to turn on the Base Unit buzzer and any device connected to the relay output.

4

SETUP
TEST HORN

<enter>

TEST HORN
STATUS--> ON

<enter> or <▲> or <▼>

TEST HORN
STATUS--> OFF

In this mode, the user can turn on ("STATUS--> ON") or off ("STATUS--> OFF") the device connected to the relay output, using <enter> or the arrow keys.

5

SETUP
SHOW COUNT

<enter>

SHOW COUNT
SHOW COUNT

You can use <enter> or the arrow keys to enable or disable the display of the number of packets received by the Base Unit from the ID Tags. When "SHOW COUNT" is selected, the second line of the

<enter> or <▲> or <▼>

TEST HORN
STATUS--> OFF

Example

POOL NANNY
SUPERVISED 10-5

This means that in the last 4 seconds, the Base Unit has received 10 packets from Supervisor ID Tags and 5 packets from Supervised ID Tags.

display will show, besides the other legends, the number of packets received every 4 seconds from Supervisor ID Tags, a hyphen and then the number of packets received from Supervised ID Tags. See **example**.

This can help estimate the quality of the transmission between an ID Tag and the Base Unit.

6

SETUP
SHOW CLOCK

<enter>

SHOW CLOCK
SHOW CLOCK

<enter> or <▲> or <▼>

SHOW CLOCK
HIDE CLOCK

The display of the local time can be enabled or disabled entering this menu option and using <enter> or the arrow keys. See the following option to set the current time.

7

SETUP
ADJUST CLOCK

<enter>

ADJUST CLOCK
00:00

Use the arrow keys to increase or decrease the number of minutes or the number of hours.

<enter>

ADJUST CLOCK
00:00

To change the focus from minutes to hours or vice versa, press <enter>.

8

SETUP
EXIT?

<enter>

EXITING

Use this option to leave the menu and put the Base Unit in the "SYSTEM READY" state.

Care of your poolnanny™ system

Ankle ID Tags

When not in use, protect the from freezing and exposure to high temperature.

Base Unit

Use a clean, damp cloth to wipe. Do not immerse in water. Do not use abrasives, alcohol, detergents, solvents or cleaning fluids. Do not attempt to open the case.

CAUTION

This device is not intended to replace any other safety consideration; that is, adult supervision, lifeguards, fences, gates, pool covers, locks, and so forth, and some devices may not detect gradual entry.

Systemax Safety Systems, Inc. shall NOT be liable for any property damage, personal injury, economic or non-economic loss or ANY damages, consequential or otherwise, sustained, caused or incurred as a result of any type of failure of the poolnanny™ system and/or installation.

WARNING

Do not buy used. Purchase only from a reputable source.

FCC

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.