AlphaHome release notes

V. 2.60   **20-02-2006 (official release to the market)**

V. 2.61   **02-03-2006**

LCD text
LCD text when switching from partial arming to total arming was changed. The text was not very clear and caused some confusion.

Danish LCD texts were corrected according to the list sent by Alphatronics Danmark.

V. 2.62   **14-03-2006**

GSM module
Due to some problems encountered in the field with the AlphaHome GSM changes were made in the hardware of the AlphaHome GSM board and firmware in the AlphaHome. An extra hardware precaution was taken to activate OC3 in the AlphaHome GSM to reset the GSM module if all other software measures do not re-establish the GSM connection.

Remote control of AlphaHome
When pressing button number 5 to receive 'status' information the speech message was played twice, solved.

Remote control of an output by telephone or keyfob
A new feature was added to be able to activate an output from a remote telephone or the MCT-234 keyfob by pressing the "*" button. When programming the option "keyfob/ext.telephone" in the output programming and programming the time of the output, in the timer menu, to "0 seconds" the output was activated for 1 second.

V. 2.63   **09-05-2006**

Hold up
When activating an a "holdup zone" the TEL led should not illuminate, there should be no "Alarm information" message displayed on the screen and the keypad buzzer should not beep to indicate alarm information. Messages and buzzer are suppressed for 15 minutes. After 15 minutes or if the system is disarmed and re-armed the messages and buzzer work again as normal.

Installer menu
When the installer enters the installer menu before opening the cabinet and thus causing a tamper alarm there will be now be no loud alarm.

Open zones when arming from partial to total
When changing from partial arming to total arming with a keyfob and there were open zones it was still able to arm the system, solved.

Open collector output Proximity reader
The open collector output on the external proximity reader is now activated for 3 seconds instead of 1 second.

SMS protocol
Adjustment in SMS protocol. Only now when receiving a "A" command from the SMS service centre the AlphaHome (Lot) will stop sending the SMS message. The chance that SMS messages are not sent correctly or lost is much smaller now.

Function of OK led on external keypad changed
The OK led on the external keypad (AlphaHome Extended) is now used as a real OK indication that all zones are closed and the system is ready to arm. If all zones are closed the OK led is ON. If direct, 24-hour or delayed 1 zones are open zones the OK led will turn off. If delayed 2 zones are open the OK led will flash. Once an "Alarm information" message appears in the LCD screen the OK led will also start flashing as an extra warning.

Delayed zones
A difference has been made between delayed 1 and delayed 2 zones. Delayed 1 must be closed when arming the system and delayed 2 maybe open during arming.

Open zones
When arming the system and there are open zones the LCD will display a message Open zones, not ready for arming. This will also be heard as a speech message. If the zone is not allowed to be bypassed the LCD display will now automatically jump to the Open zone menu and display the first open zone. If the zone is allowed to be bypassed the LCD display will show the message "Bypass ?".

Fire reset
When leaving the walktest mode (both in the user and installer menu) the fire reset output is automatically activated.

Zones
All zones are now programmed in the default as enabled by partial arming

Low-battery

When a low-battery situation occurs the system can now be armed, this was not possible in previous software versions. The message is displayed in the information screen and must be erased first before arming.

Information menu

The information menu is accessible to all usercodes and not only the supervisor code.

Some additions to the firmware

- 20-minute supervision message was not displayed correctly in the display.
- Default setting for supervision was changed to 8 hours
- 7 second wait and then start dialing if no dial tone is heard option was erased from the software. We now wait 10 seconds for a dial tone, if no dial tome, hang-up and start a new dialing cyclus.
- During a walktest if you pressed OK all zones were displayed even though they were not activated yet.

V. 2.63P   **19-09-2006**

Next hard-wired detectors

Problem with Visonic Next hard-wired detector causing a tamper message. Input reading routine in software was changed.

AlphaCom IP RS-485 communication

RS-485 communication with the AlphaCom IP was adjusted. When also connecting an external keyboard messages were sent incorrectly to the AlphaCom IP.

V. 2.64   **19-10-2006**

Keybox functionality

For the Danish market a request was placed to add the keybox functionality to the AlphaHome (Lot) system. The AlphaHome (Lot) software was expanded with the following options:

Direct dialer input

To secure the outdoor keybox a zone type as "direct dialer input" was added. This can be a hard-wired or a wireless input. When transmitting to the central station it will send a UA and UR as a SIA message.

The alarm message will be logged in the historical log events but will not be shown in the "Information screen".

Guard code

An extra code option has been added for the security guard. The security guard can only disarm the system once an alarm has occurred. He can however arm the system at any time. He also can only view the Information screen if an alarm has occurred. The guard code can be programmed in the installer menu, program codes, guard code.

V. 2.65   **01-12-2006**

Software changes due to redesign PCB

Due to a redesign of the AlphaHome (Lot) pcb certain software changes were necessary to adapt to the new hardware

V. 2.65a   **03-01-2007**

Modem chip adjustments

An adjustment was made to the software that once the dialer wants to start dialing the CMX868 chip is always reset first to ensure optimal communication.

Also a small adjustment to the sensitivity of the kiss-off tone was made due to some reception problems in Danmark with a monitoring station for a few installations. The sensitivity is now set to the maximum capabilities and cannot be made more sensitive.

V. 3.2   **06-04-2007**

GSM back-up functionality

Due to a request from an installer in Danmark the AlphaLot GSM was expanded with a GSM back-up function. The GSM pcb board inside the AlphaHome (Lot) GSM was redesigned to make it possible to use both the analog dialer on the main board and the GSM module. For specifications see manual.

V. 3.3   **22-04-2008**

New standard version with remote-keypad and GSM-backup option

Factory default changes
- all zones are now "Partial active" in the default programming.
- test message is set to 24 hour in the default programming
- Maximum amount of dial attempts for central station and private reporting is changed from 7 to 9.

Some additions to the firmware
- 24 hour test messages are now displayed in the historical log.
- When partially arming the AlphaHome and there are open zones, now only the open zones that influence the 'partial arming' will be displayed. Zones that only influence the 'total arming' will not be displayed.

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- it is now possible to leave the 'Bypass' and 'Open zone' menu by pressing the '*' button. The '*' button works like an escape button.
- when programming the relay output to a value higher than 4 minutes the output was activated for a maximum of 255 seconds (4,25 minutes).
- when automatic bypassing is done, the system now first checks if all the open zones are allowed to be bypassed. If not, the system will not automatically bypass and arm.
- Remote-keypad / up-download functionality added.
- GSM-driver firmware modified to adapt to the new Telit QUAD-LITE modules. In combination with the QUAD-LITE module, in some extreme situations with a lot of external noise the GSM connection was very sensitive and it was not possible to do remote control with your (GSM) telephone, modifications made in the firmware.
- When using an external keypad (AlphaHome Extended) the buzzer of the external keypad was activated with a delay. When opening the door it took 1-2 seconds before the entry delay buzzer sounded, modified in the firmware.
- Modifying the installer code was not possible, solved.
- Private speech reporting was not possible, solved.

V. 3.32   **07-09-2009**

Download code
Code 0000 was always accepted as download code, solved.

Wireless detectors
The actual status of all fixed wireless detectors is automatically checked when receiving the supervision message. If there is a lot of wireless traffic in the air sometimes detectors were seen as 'open' when in reality they were closed (e.g. MCT-302 wireless magnetic contact).

Supervision alarm
If there were multiple supervision alarms only the first supervision alarm was displayed in the Information menu, solved.

V. 3.33   **05-11-2009**

Guard code (DK)
Code 0000 was always accepted as guard code, solved.

Supervision alarm speech text DK
In the Danish version of the AlphaHome (Lot) the wrong speech text was played, solved.