

Control Panel

Solution 2000 / 3000

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1 Introduction

This document is for control panel firmware versions.

1.1 About documentation

Copyright

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Trademarks

All hardware and software product names used in this document are likely to be registered trademarks and must be treated accordingly.

For product manufacturing dates, go to <https://www.keenfinity-group.com/x/en/datecodes/> and refer to the serial number located on the product label.

The following image shows an example of a product label and highlights where to find the manufacturing date within the serial number.



Corporate information

Radionix B.V. is part of the Keenfinity group.

2 Firmware version 2.2.0



Notice!

Firmware upgrading

Due to new features / item locations, firmware upgrading from prior control panel version should be performed in conjunction with A-Link Plus migration feature.

In the A-Link Plus, right click the existing customer with prior control panel version -> click **Migrate Configuration to Latest FW.**

2.1 What's new?

This section examines the new features of this firmware version.

2.1.1 Codepad volume

Codepad volume is adjustable from lowest to highest volume.

Item	Location	Option	Default	New
Codepad 1 volume	3808	0 = Minimum volume 7 = Maximum volume	7	
Codepad 2 volume	3811		7	
Codepad 3 volume	3814		7	
Codepad 4 volume	3817		7	

2.1.2 Codepad backlight

Codepad dim mode setting feature dimly lights the codepad display and keys when the codepad is idle.

Item	Location	Option	Default	New
Codepad 1 backlight	3810	0 = Off 1 = Dim 2 = On	1	
Codepad 2 backlight	3813		1	
Codepad 3 backlight	3816		1	
Codepad 4 backlight	3819		1	

2.2 APP updating

Remote Security Control Plus (RSC+) app allows you to control your security systems remotely from mobile devices such as phones and tablets.

Make sure that you install the latest applicable release of RSC+ version.

Updated operations and UI for this control panel firmware version:

- System information inquiry
- Date / Time setting
- Panic alarm triggering

3 Firmware version 2.1.3

3.1 What's new

This section examines the new features of this firmware version.

3.1.1 Default date and time

Default date and time changed to 01/10/2023 08:00.

3.1.2 Reset network modules

The user can use the Master Code Function to reset the network module 1 or 2 remotely from the codepads.

To reset the network module:

- Enter your Master Code, followed by the [9][4][1] and [#] keys to reset the network module 1.
- Enter your Master Code, followed by the [9][4][2] and [#] keys to reset the network module 2.

3.1.3 Support home automation platforms

Enhanced Mode 2 Integration Protocol to support home automation platforms (Control 4 and Home Assistant).

3.2 Corrections

This section examines the corrections made in this firmware version.

3.2.1 Codepad alarms setting

In previous versions v2.0.6.0 - v2.1.0.0 of the firmware, the codepad alarms are defaulted as enabled in the Location 404 via 1 = enable (default) and 0 = disable.

From the firmware v2.1.1.0, the codepad alarms are still defaulted as enabled, but via 0 = enable (default) and 1 = disable.

4 Firmware version 2.1.0

4.1 What's new?

This section examines the new features of this firmware version.

4.1.1 Silent codepad alarms

In previous versions of the firmware, the codepad Panic / Fire / Medical alarm only can be programmed as silent in the Location 493.

The firmware now supports to switch the codepad Panic / Fire / Medical alarm on or off in the Location 404.

4.1.2 Codepad alarm when siren is on

In previous versions of the firmware, the codepad does not give an audio indication when the system is in alarm.

The firmware now supports the codepad buzzer gives and audible alarm indication when the siren is on.

4.1.3 Programmable System-wide tamper condition

The firmware now supports to program the hardware tamper condition as Off, Silent, Audible or Trouble.

System-wide tamper (hardware tamper) includes:

- onboard tamper
- module tamper
- enclosure tamper
- codepad tamper, which can be individually enabled / disabled

4.1.4 Service mode

The control panel now supports service mode to help installers with onsite support.

You can configure the service mode via codepads or via A-Link Plus.

Options for report, output, and codepad buzzer can be enabled or disabled in service mode.

4.1.5 View cloud status on IUI-SOL-ICON codepad

In addition to the alphanumeric codepad IUI-SOL-TEXT, now the installers or Master Code users can inquire cloud status with the ICON codepad IUI-SOL-ICON.

Cloud status can be displayed on codepad indicator LED1 or LED2 corresponding to communicator 1 or 2.

- Steady on - cloud online
- Flash - cloud offline

4.1.6 Diagnose RF devices on IUI-SOL-ICON codepad

In addition to the alphanumeric codepad IUI-SOL-TEXT, now the installers or Master Code users can check the RF strength of the RF devices (RF Zone / RF Keyfob / RF Repeater) with the ICON codepad IUI-SOL-ICON.

4.1.7 Revise triggering method for codepad alarms

In previous versions of the firmware, a "press and release" method was used to trigger Panic Alarm / Fire Alarm/ Medical Alarm on codepads.

In addition to the "press and release" method, now the "press and hold" method also trigger the Panic Alarm / Fire Alarm/ Medical Alarm.

4.2 Corrections

This section examines the corrections made in this firmware version.

4.2.1 Change zone type for Zone 8 to "Instant"

Change the default value of zone type for Zone 8 from 24 Hour Tamper to Instant to avoid the system to go into unexpected alarm.

4.2.2 Assign User 32 with Quick Arm function

In previous versions of the firmware, the User 8 was treated as the last one from available users; now it is corrected to grant the User 32 as the last user, and Quick Arm function ([0] [#]) is moved from User 8 to User 32 accordingly.

4.2.3 Change RF supervision time to 12 hours

Change the default value of RF supervision time (only for Solution 3000) from 0 to 12 hours.

4.3 APP updating

Remote Security Control Plus (RSC+) app allows you to control your security systems remotely from mobile devices such as phones and tablets.

Make sure that you install the latest applicable release of RSC+ version.

The RSC+ app compatible for control panel firmware version 2.1 is updated with more user-friendly operations and UI:

- Zones configured for two areas can be displayed in two areas
- Configurable push notification sound (iOS only)
- Display the custom naming in history events that is configured in the system by A-Link Plus or alphanumeric codepad IUI-SOL-TEXT
- Batch commands for reduced connection times
- Compatible for larger screen sizes
- IPv6 implementation

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