

AMAX panel

AMAX panel 2100 | AMAX panel 3000 | AMAX panel 3000 BE | AMAX panel 4000





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Operation Manual

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1 Safety



Danger!

Electricity

Injuries due to electricity are possible if the system is not operated correctly or if the system is opened or modified.

- Never open or modify the system.
- Please contact your installer if you want to get your system modified.



Caution!

Sensitive components

Damage of sensitive components is possible if the system is not handled carefully or if the system is opened or modified.

- Always handle the system carefully.
- Never open or modify the system.
- Please contact your installer if you want to get your system modified.

2 Short information

2.1 Introduction

This manual contains information on how to operate the system easily and quickly. It describes the main steps required for operation of the AMAX panel 2100 / 3000 / 3000 BE / 4000 together with a text and/or a LED/LCD keypad described in *Keypads*, *page 6*. It is possible to add an optional text keypad as a master keypad.

Detailed information about the installation of this and other modules and devices, advanced settings and programming can be found in the Installation Manual. Information on the main steps required for basic system installation and setup can be found in the Quick Installation Guide.

2.2 Technical data



Frequency bands of operation	Power level for radio equipment
GSM900	Class 4 (2W) - GPRS Class 33
GSM1800	Class 1 (1W) - GPRS Class 33
UMTS2100	Class 3 (0.25W)

2.3 Keypads

The following keypads can be used for operating AMAX panel 2100 / 3000 / 3000 BE / 4000.





IUI-AMAX-LCD8





Notice!

Only IUI-AMAX4-TEXT can be used as a master keypad.

2.4 Keypad indicators

The following tables show an overview and a description of the keypad indicator icons.

All keypad types

Keypad Indicator Icons	Status	Definition
\bigcap ,	on	Area is armed in AWAY mode.
AWAY	off	Area is not armed in AWAY mode.
	Slow flash (1 second lights on/1 second lights off)	Exit time.

	Fast flash (0.25 seconds lights on/0.25 seconds lights off)	System is in programming mode or code function mode. STAY indicator flashes simultaneously. Or: One or more areas but not all are in AWAY mode (master keypad)
	on	Area is armed in STAY mode.
STAY	off	Area is not armed in STAY mode.
	Slow flash (1 second lights on/1 second lights off)	Exit time.
	Fast flash (0.25 seconds lights on/0.25 seconds lights off)	System is in programming mode or code function mode. AWAY indicator flashes simultaneously. When bypass function is performed, only the STAY indicator flashes. Or: One or more areas but not all are in STAY mode (master keypad)
≯	on	AC main power is normal.
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	Slow flash (1 second lights on/1 second lights off)	AC main power supply failed.
FAULTS	on	System fault, tamper, bypassed zone or isolated zone condition is present and has been viewed but not restored yet. Or: System is in service mode.
	off	System is in normal status.
	Flashes	System fault, tamper, bypassed zone or isolated zone condition must be acknowledged.
All icons	Flashing	No communication to the keypad.

Only for LED/LCD

Keypad Indicator Icons	Status	Definition
	on	Zone is triggered.
	off	Zone is normal.
123	Fast flash (0.25 seconds lights on/0.25 seconds lights off)	Zone was alarmed or is in alarm status.

ZONE (1-8)	Slow flash (1 second lights on/1 second lights off)	Interior zone is in STAY arm mode. Or:
		This zone is bypassed or isolated in the current area (area keypad) / There is a bypassed or isolated zone in this area (master keypad).

Only for LCD

Keypad Indicator Icons	Status	Definition
	on	Area is disarmed.

The following table shows an overview and a description of the keypad sound icons.

Sound Indicator	Definition
Short beep	A keypad button has been pressed.
Short beep, followed by a one-second beep	The requested operation is refused. Incorrect operation signal.
Two short beeps	The system accepted the code. The system executed the requested function.
One short beep every minute	Fault tone, unacknowledged system failure.
One short beep every two seconds	Exit time started.

Continued sound	 Last 10 seconds on exit time Keypad fault or tamper sound (fault or tamper to be acknowledged) Keypad alarm sound
Continuous 0.5 second beep, stops for 0.5 seconds	Entry delay time (until alarm occurs or area is disarmed)

2.5 Quick keypad operations instructions

The following table shows an overview of the quick keypad operations and the corresponding user permissions. For information on changing codes and defining user permission levels, refer to *Codes*, *page 35*.

Function	Command Default code for user 1 = 2580 Default code for user 2 = 2581	D	A	В	S	M 2	1 1	
Arm/Disarm								
AWAY Arm	[code] + [#] / [#] for 3 sec. (quick arm)	√	√	√	√	√	√	√
AWAY Arm All Areas (only on master keypad)	[code] + [0] [0] + [#]	V	√	√	√	√	√	√
Direct AWAY Arm (only on master keypad	[code] + [2-digit area no.] + [#]					√	√	√
STAY Arm	[code] + [*] / [*] for 3 sec. (quick arm)	√	√	√	√	√	√	√

Function	Command Default code for user 1 = 2580 Default code for user 2 = 2581	D	A	В	S	M 2		I N
STAY Arm All Areas (only on master keypad)	[code] + [0] [0] + [*]	$\sqrt{}$	√	√		√		√
Direct STAY Arm (only on master keypad	[code] + [2-digit area no.] + [*]	V	√	√	√	√	√	√
Disarm	[code] + [#]	√		√	√	√	√	√
Disarm One Area (only on a master keypad)	[code] + [2-digit area no.] + [#]	√		√	√	√	√	√
Disarm All Areas (only on master keypad)	[code] + [#]	√		√	√	√	√	√
Display								
Display Info (Fault/Tamper Analysis)	[code] + [2] [1] + [#]				√	√	√	√
Bypass/Isolate								
Bypass/Unbypass Zone	Text keypad: [code] + [3] [1] + [#] + [1 or 2-digit zone no.] + [#] LED/LCD keypad: [code] + [3] [1] + [1 or 2-digit zone no.] + [*] + [#]			√	√	√	√	√
	[code] + [3] [1] + [#] (cancel LED keypad)			√	√	√	√	√

Function	Command Default code for user 1 = 2580 Default code for user 2 = 2581	D	Α	В	S	M 2		I N
Bypass Fault/ Tamper	[code] + [3] [4] + [#]				√	\	\	√
Inquire Bypass	[code] + [3] [3] + [#]			√	√	√	√	√
Isolate/Unisolate Zone	[code] + [3] [5] + [#]					√	√	√
Inquire Isolate	[code] + [3] [6] + [#]					√	√	√
Reset								
Reset Fault/ Tamper (In some country versions only the installer can reset a tamper alarm)	[code] + [6] + [#]				√	V	V	√
Macros								
Record Macro 1	[code] + [8] [1] + [#] + sequence to be recorded + [#] for 3 sec.				√	√	√	√
Record Macro 2	[code] + [8] [2] + [#] + sequence to be recorded + [#] for 3 sec.				√	√	√	√
Record Macro 3	[code] + [8] [3] + [#] + sequence to be recorded + [#] for 3 sec.				√	√	√	√
Play Macro 1	[code] + long press [1] / [1] for 3 sec. (quick macro)	*	*	*	*	*	*	√

Function	Command Default code for user 1 = 2580 Default code for user 2 = 2581	D	A	В	S			I N
Play Macro 2	[code] + long press [2] / [2] for 3 sec. (quick macro)	*	*	*	*	*	*	√
Play Macro 3	[code] + long press [3] / [3] for 3 sec. (quick macro)	*	*	*	*	*	*	√
Alarm commands								
Keypad Emergency Alarm	long press [1] and [3] or [*] and [#]	√	√	√	√	√	√	√
Keypad Fire	long press [4] and [6]	√	√	√	√	√	√	√
Keypad Medical Alarm	long press [7] and [9]	√	√	√	√	√	√	√
Other Commands								
Switch to Master Keypad	[code] + [0] [0] [0] + [#] (only on text keypad)				√	√	√	√
Switch to Area 01-16	[code] + [0] [2-digit area no.] + [#] (only on text keypad)				√	√	√	√
Display all Event Log	[code] + [2] [2] + [#] (only on text keypad)				√		√	√
Display EN Event Log	[code] + [2] [3] + [#] (only on text keypad)				√		√	√
Display Dialer Event Log	[code] + [2] [4] + [#] (only on text keypad)				√		√	√
Siren Test	[code] + [4] [1] + [#]				√	√	√	√

Function	Command Default code for user 1 = 2580 Default code for user 2 = 2581	D	A	В	S	l	M 1	
Communication Test	[code] + [4] [2] + [#]				√	√	√	√
Walk Test	[code] + [4] [3] + [#]				√	√	^	√
Change Date/ Time	[code] + [5] [1] + [#]					√	√	√
Daylight Saving Time (+1h)	[code] + [5] [2] + [#]				√	√	√	√
Daylight Saving Time (-1h)	[code] + [5] [3] + [#]				√	√	√	√
Add/Change User Code	[code] + [5] [4] + [#]					√	√	√
Change Individual Code	[code] + [5] [5] + [#]	V	√	√	√	√	√	√
Call Back	[code] + [5] [7] + [#]				√	√	√	√
Change Language	[code] + [5] [8] + [#] + [2-digit no. for available languages] + [#] 01=EN; 02=DE; 03=ES; 04=FR; 05=PT; 06=PL; 07=NL; 08=SE; 09=TR; 10=HU; 11=IT; 12=EL				$\sqrt{}$	<i>√</i>	√	. _√
Installer Access	[code] + [7] [1] + [#] (enable) [code] + [7] [2] + [#] (disable)					√	√	

Function	Command Default code for user 1 = 2580 Default code for user 2 = 2581	D	А	В	S	M 2	1 1	I N
System Reset	[code] + [9] [9] [8] [9] + [#]				√	√	√	√

D = Duress User

A = Arming User

B = Basic User

S = Super User

M1 = Master User 1

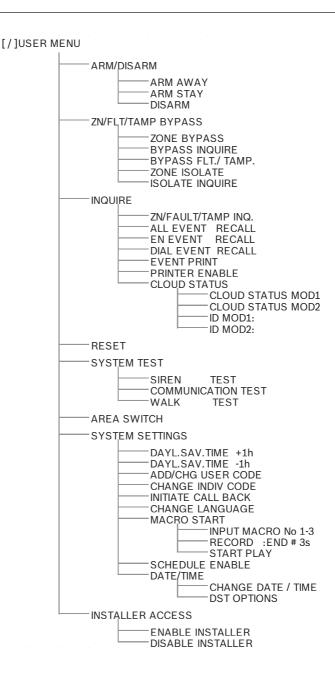
M2 = Master User 2

IN = Installer

- * This function can be enabled/disabled individually for every user.
- ► For further information on codes, refer to *Add/change user* codes, page 35.

2.6 User menu

The following table shows an overview of the user menu.



3 Arming and disarming areas

3.1 Arming areas

Notice!



When the number of incorrect code entries on the keypad reaches a specified limit (configured by the installer), the keypad will automatically lock for 180 seconds and an alarm is reported. If the keypad is idle for one minute, the system will automatically exit from any operational mode except from walk test mode.

3.1.1 Arming in AWAY mode

The AWAY mode is used to arm the premises to detect a wouldbe intruder, when you leave the premises and require that all zones are activated in a ready state.

Keypad arming

There are two methods to arm the area assigned to your keypad in AWAY mode.

Method 1

- ▶ Enter your code and press [#].
- The system beeps twice, the AWAY indicator flashes slowly and exit time starts. After the exit time, the AWAY indicator is lit.

Method 2 (quick arm)

- Press and hold [#] until the system beeps twice.
- ✓ The AWAY indicator flashes slowly and exit time starts. After the exit time, the AWAY indicator is lit.

To enable/disable this function contact your installer.

Master keypad arming

With a master keypad, either all areas or a single area can be armed in AWAY mode.

Arming all areas

▶ Enter your code, press [0] [0] and [#].

The system beeps twice, the AWAY indicator flashes slowly and exit time starts. After the exit time, the AWAY indicator is lit and all areas are displayed as armed.

Arming all areas (quick arm)

- Press and hold [#] until the system beeps twice.
- ✓ The system beeps twice, the AWAY indicator flashes slowly and exit time starts. After the exit time, the AWAY indicator is lit and all areas are displayed as armed.

Arming a single area (direct AWAY arm)

Arming a single area with a master keypad is only possible for users with the permission level master 1 or master 2.

- Enter your code, press the 2-digit area number of the area to be armed and press [#].
- The AWAY indicator flashes slowly and exit time starts. After the exit time, the AWAY indicator is lit and the selected area is displayed as armed.
- ▶ Repeat if you want to arm multiple areas.

To enable/disable this function contact your installer.

Telephone remote arming



Notice!

Telephone remote arming is only possible when the system has only one assigned area.

Users can use a telephone to arm the system.

- Dial the control panel number.
 The control panel answers the call and issues a long beep.
- 2. Press [#].
- ✓ When the panel receives the signal it confirms the arming of the control panel with a high tone.

To enable/disable this function contact your installer.

Key switch arming

Users can use a key switch to arm an area.

Activate the key switch.

The AWAY indicator flashes slowly and exit time starts. After exit time, the AWAY indicator is lit.

To enable/disable this function contact your installer.

RADION RF keyfob arming

Users can use a RADION RF keyfob to arm an area.

- Press the arming button of the RADION RF keyfob.
- ✓ The AWAY indicator flashes slowly and exit time starts.

 After exit time, the AWAY indicator is lit.

To enable/disable this function contact your installer.

3.1.2 Arming in STAY mode

The STAY mode is used to arm the perimeter and unused parts of the premises as defined by the installer to detect a would-be intruder, while at the same time being able to move freely within an area that is automatically isolated.

Keypad arming

There are two methods to arm the area assigned to your keypad in STAY mode.

Method 1

- ▶ Enter your code and press [*].
- The system beeps twice, the STAY indicator flashes slowly and exit time starts. After the exit time, the STAY indicator is lit.
- The lights corresponding to all zones programmed as automatically isolated zones (Interior Instant Zone) begin to flash and continue until the exit time is finished.

Method 2 (quick arm)

- Press and hold [*] until the system beeps twice.
- √ The STAY indicator flashes slowly and exit time starts. After the exit time, the STAY indicator is lit.

To enable/disable this function contact your installer.

Master keypad arming

With a master keypad, either all areas or a single area can be armed in AWAY mode.

Arming all areas

- ▶ Enter your code, press [0] [0] and [*].
- ✓ The system beeps twice, the STAY indicator flashes slowly and exit time starts. After the exit time, the STAY indicator is lit and all areas are displayed as armed.

Arming all areas (quick arm)

- Press and hold [*] until the system beeps twice.
- The system beeps twice, the STAY indicator flashes slowly and exit time starts. After the exit time, the STAY indicator is lit and all areas are displayed as armed.

Arming a single area (direct AWAY arm)

Arming a single area with a master keypad is only possible for users with the permission level master 1 or master 2.

- ▶ Enter your code, press the 2-digit area number of the area to be armed and press [*].
- The STAY indicator flashes slowly and exit time starts. After the exit time, the STAY indicator is lit and the selected area is displayed as armed.
- ▶ Repeat if you want to arm multiple areas.

To enable/disable this function contact your installer.

Key switch arming

Users can use a key switch to arm an area.

- Activate the key switch.
- √ The STAY indicator flashes slowly and exit time starts. After exit time, the STAY indicator is lit.

To enable/disable this function contact your installer.

RADION RF keyfob arming

Users can use a RADION RF four button keyfob to arm an area via the third button.

- Press the third button of the RADION RF four button keyfob.
- √ The STAY indicator flashes slowly and exit time starts. After the exit time, the STAY indicator is lit.

To enable/disable this function contact your installer.

3.1.3 Forced arming

Arming areas when a zone is not sealed is known as forced arming.

If the AWAY indicator is not lit and a long beep sounds when you attempt to arm an area in AWAY mode, then forced arming is not permitted. In this case, you have to seal all zones or manually isolate them before you can arm the area.

To enable/disable this function contact your installer.

3.2 Disarming areas

3.2.1 Disarming with a keypad

- ▶ Enter your code and press [#].
- ✓ The system beeps twice and the AWAY or STAY indicator is extinguished.

3.2.2 Disarming with a master keypad

An optional master text keypad can be added if there is more than one assigned area on your system.

The master keypad can be used to disarm all assigned areas. To enable/disable this function contact your installer.

Disarming all areas:

- 1. Enter your code and press [#].
- 2. The system beeps twice and the AWAY or STAY indicator is extinguished. All areas are disarmed.

Disarming a single area (direct disarm):

- Enter your code, press the 2-digit area number of the area to be disarmed and press [#].
- The system beeps twice and the AWAY or STAY indicator is extinguished. The selected area is disarmed.
- ▶ Repeat if you want to disarm multiple single areas.

3.2.3 Disarming with key switch

- Deactivate the key switch.
- ✓ The area is disarmed and the AWAY or STAY indicator is extinguished.

To enable/disable this function contact your installer.

3.2.4 Disarming with RADION RF keyfob

- Press the disarming button of the RADION RF keyfob.
- The area is disarmed and the AWAY or STAY indicator is extinguished.

To enable/disable this function contact your installer.

4 Changing the menu language

The menu language of the AMAX panel can be changed.



Notice!

Macros can only be used with a text keypad.

How to change the menu language

- Enter your code + [5] [8] and press [#].
 The available menu languages are displayed.
- 2. Enter the two-digit number for the desired language.
- 3. Press [#].
- ✓ The system beeps twice and the menu language is changed.

5 Changing date, time and daylight saving time

Master user 1, master user 2 and installer users can change the date, time and the daylight saving time settings of the panel. The daylight saving time setting determines when daylight saving time will start and end. Therefore, date and time has to be set correctly.

Predefined daylight saving time settings are available for four regions. Alternatively, a daylight saving time setting can be configured individually.

Daylight saving time starts and ends according to the daylight saving time settings of a certain region. Individually configured daylight saving time starts and ends at 1 a.m.

How to set date, time and the daylight saving time settings

- 1. Enter your code + [5] [1] and press [#].
- Enter the date and the time and press [#].The new date and time is set.
 - The **DST OPTIONS** menu is shown.
- 3. If there is daylight saving time in your region, select the setting for your region and press [#].
 - Or, if your region is not listed:
 - Select **5-customize** to individually configure the daylight saving time settings.
- 4. Select **START DST** to determine when the daylight saving time setting should start and press [#].
- 5. Select the month and press [#].
- 6. In **ORDINAL** select the ordinal number of the week and press [#].
 - E.g. if you select **1-1st**, the daylight saving time setting will start in the first week of the month selected previously, and so on.
- 7. Select the week day and press [#].
- 8. Select **STOP DST** to determine when the daylight saving time setting should stop, repeat steps 7 to 9 and press [#].
- 9. Press [-] three times to exit.

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6 System test

6.1 Siren test

This function allows the users to test the siren.

- ▶ Enter your code + [4] [1] and press [#].
- √ The system beeps twice and the siren is activated for one second.

6.2 Communication test

This function allows the users to send a test report to a central monitoring station.

- Enter your code + [4] [2] and press [#].
 The system beeps twice and a test report is send.
 The keypad displays the status of the test report for all communication paths.
- 2. Press [#] to exit.

6.3 Walk test mode

This function allows users to test detection devices to ensure they are functioning correctly. Bypass any zones that are not required for testing before activating the walk test mode. During the walk test, no walk test report is sent out to the control panel system.

How to select walk test mode

- Enter your code + [4] [3] and press [#].
 The system beeps twice and the STAY and AWAY indicators flash.
- 2. Unseal and seal the zones to be tested.
- The system beeps. The siren beeps once each time a zone status is changed.

How to exit walk test mode

▶ Enter your code + [4] [3] and press [#].

7 Bypassing/isolating

If one or more zones are bypassed, they are disabled for one arming cycle. After one arming cycle they are automatically unbypassed.

If one or more zones are isolated, they are disabled until they are unisolated.

After bypassing or isolating a zone, you can arm areas even when a zone is defect or in alarm state or if you temporarily do not want to use the zone.

7.1 Bypassing/unbypassing zones

7.1.1 How to bypass/unbypass a zone via text keypad

- Enter your code + [3] [1] and press [#].
 The STAY indicator flashes fast. The available zones are shown. Already bypassed zones are checked. Unavailable zones are marked with an x.
- 2. Use [▲] and [▼] to display all zones.
- Select the zones you wish to bypass/unbypass with [*].
 The selected zones are checked/unchecked.
- 4. Press [#] to confirm and exit.

7.1.2 How to bypass/unbypass a zone via LED/LCD keypad

- Enter your code + [3] [1] and press [#].
 The STAY indicator flashes slowly. The slowly flashing number indicators show the bypassed zones. If no numbers are lit, no zones are bypassed yet.
- 2. Enter the zone number you want to bypass/unbypass.
- Press [*].
 The system beeps twice. The corresponding number indicator is lit/extinguished.
- 4. Repeat step 2 if you want to bypass/unbypass multiple zones.
- 5. Press [#] to exit.

7.1.3 How to view bypassed zones

- Enter your code + [3] [3] and press [#].
 The system beeps twice and the bypassed zones are displayed.
- 2. Use [▲] and [▼] to display all bypassed zones.
- 3. Press [#] to exit.

7.2 Bypassing faults or tamper conditions

One or more faults or tamper conditions can be disabled for one arming cycle. After bypassing a fault or tamper condition, you can arm areas even when a fault or tamper condition exists. Only zone tampers can not be bypassed.

How to bypass a fault or tamper condition

- ▶ Enter your code + [3] [4] and press [#].
- ✓ The system beeps twice and fault or tamper conditions are bypassed.

7.3 Isolating zones

7.3.1 How to isolate/unisolate a zone via text keypad

- Enter your code + [3] [5] and press [#].
 The STAY indicator flashes slowly. The available zones are shown. Already isolated zones are checked. Unavailable zones are marked with an x.
- 2. Use [▲] and [▼] to display all zones.
- 3. Select the zones you wish to isolate/unisolate with [*]. The selected zones are checked/unchecked.
- 4. Press [#] to confirm and exit.

7.3.2 How to isolate/unisolate a zone via LED/LCD keypad

- Enter your code + [3] [5] and press [#].
 The STAY indicator flashes slowly. The slowly flashing number indicators show the isolated zones. If no numbers are lit, no zones are isolated yet.
- 2. Enter the zone number you want to isolate/unisolate.

3.

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- The system beeps twice. The corresponding number indicator is lit/extinguished.
- 4. Repeat step 2 if you want to isolate/unisolate multiple zones.
- 5. Press [#] to exit.

Press [*].

7.3.3 How to view isolated zones

- Enter your code + [3] [6] and press [#]. The system beeps twice and the isolated zones are displayed.
- Use [▲] and [▼] to display all isolated zones. 2.
- 3. Press [#] to exit.

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8 Schedules

This function is used to schedule operations according to the needs of the users. The following operations can be scheduled:

- Arming/disarming
- Switching output on/off
- Activating/deactivating users

It is possible to schedule up to 16 operations on a daily or hourly basis.

To enable/disable this function contact your installer.

How to activate/deactivate a schedule

- Enter your code + [▼] until you reach SYSTEM SETTINGS.
- Press [#] + [▼] until you reach SCHEDULE ENABLE.
- 3. Press [#].
- 4. Select **SCHED ENABLE** and press [#]. The available schedules are shown. Already selected schedules are checked.
- 5. Use [▲] and [▼] to display all schedules.
- 6. Enter the schedule number you wish to activate/deactivate. The selected schedule is checked/unchecked.
- 7. Repeat step 6 if you want to activate/deactivate multiple schedules.
- 8. Press [#].
- 9. Press [-] twice to exit.

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9 Macros

Macros are used to assign complicated or often used button sequences on the keypad to one button to simplify the operation of the system. Therefore, a button sequences is entered on the keypad, recorded and assigned to a macro. If this macro is played, the recorded button sequence will be executed.

It is possible to record up to three macros.



Notice!

Macros can only be used with a text keypad.

9.1 Recording macros

How to record a macro

- 1. Enter your code + [8] and the number to which you want to assign the macro. (Possible numbers are 1, 2 and 3.)
- 2. Press [#].
 The system beeps twice.
- 3. Perform the operation you want to assign to the macro.
- 4. Press [#] for three seconds to end the recording of the macro and to save it.
- The system beeps three times. The macro is recorded and the operation is executed.

Example of recording a macro: bypassing a zone

This example shows how to assign macro 1 to bypassing zone 3. This can be useful if you want to bypass zone 3 on a regular basis.

In this example there are no bypassed zones yet.

- 1. Enter your code + [8] [1].
- 2. Press [#].
- 3. The system beeps twice.
- 4. Enter your code + [3] [1] + [#] for bypassing zones (see also *Bypassing/unbypassing zones*, page 28).

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The STAY indicator flashes fast. The available zones are shown. Unavailable zones are marked with an **x**.

- 5. Select zone 3 an press [*]. Zone 3 is checked.
- 6. Press [#] to confirm and to exit the bypass menu.
- 7. Press [#] for three seconds to end the recording of the macro and to save it.
- √ The system beeps twice. The macro 1 for bypassing zone 3 is recorded. Zone 3 is bypassed.

9.2 Playing macros

How to play a macro

There are two methods to play a macro.

Method 1:

- Enter your code and press the number on which the macro is assigned for three seconds. (Possible numbers are 1, 2 and 3.)
- ✓ The system beeps and the operation which is assigned to the macro is executed automatically.

Method 2 (Quick Play):

- Press the number on which the macro is assigned for three seconds. (Possible numbers are 1, 2 and 3.)
- The system beeps and the operation which is assigned to the macro is executed automatically.

To enable/disable this function contact your installer.



Notice!

Please note that the play function has to be enabled/disabled individually for every user. Please refer to *Add/change user codes*, page 35.

Example of playing a macro: bypassing a zone

This example shows how to play macro 1 for bypassing zone 3 (see the example in *Recording macros*, page 32).

▶ Enter your code and press [1] for three seconds.

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- The system beeps and the macro 1 is executed automatically.
- ✓ If zone 3 was unbypassed before playing macro 1, it is bypassed now.
- ✓ If zone 3 was bypassed before playing macro 1, it is unbypassed now.

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10 Codes

10.1 Add/change user codes

This function is used if you want to add a code for a new user or if you want to change the user permission levels or the code of an existing user. Only master user 1, master user 2 and installer users can add or change user codes.



Notice!

Macros can only be used with a text keypad.

How to add/change user codes

- Enter your code + [5] [4] and press [#].
 The system beeps twice and the STAY and AWAY indicators start flashing.
- Enter a user number (1-64 for AMAX panel 2100, 1-128 for AMAX panel 3000 and AMAX panel 3000 BE, 1-250 for AMAX panel 4000) and press [#].
 - The current user permission level for this user is shown. (Default for user number 2-64 is **6-Not used**)
- 3. Select the desired user permission level. You can choose the following user permission levels for a code:
 - 0-Master1 code
 - 1-Master2 code
 - 2-Super code
 - 3-Basic code
 - 4-Arming code
 - 5-Duress code
 - 6-Not used

Please refer to *Quick keypad operations instructions*, page 12 for a description of the user permission levels.

4. Press [#].

The available areas are shown. Already selected areas are checked.

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- 5. Use [▲] and [▼] to display all areas.
- 6. Enter the area number you wish to enable for the user or enter [0] [0] if you want to enable all areas.

The enabled area is checked.

- 7. Repeat step 6 if you want to enable multiple areas for the user.
- 8. Press [#].

The available macros are shown. Already selected macros are checked.

- 9. Enter the macro number you wish to enable for the user. The enabled macro is checked.
- 10. Repeat step 9 if you want to enable multiple areas for the user.
- 11. Press [#].
- 12. Enter a (new) code with a default length of four digits. (A code with five or six digits is also possible but has to be enabled by the installer.)
- 13. Press [#].
- 14. Optionally enter a keyfob ID manually.

Or

Press and hold [*] for three seconds to switch to the **KEYFOB ID: AUTO** menu.

Trigger the keyfob to give alarm once.

The keyfob ID will be entered automatically.

- 15. Press [#].
- 16. Optionally select the keyfob button 3 function.
- 17. Press [#].
- The system beeps twice. The new user code is added/ changed.
- Press [-] twice to exit.

Notice!



This function is automatically terminated if you do not press a button within 240 seconds or if you press [#]. One long beep indicates that the code already exists or that you entered an incorrect user number.

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10.2 Change individual code

This function allows users to change the individual user code.

- Enter your code + [5] [5] and press [#].
 The system beeps twice and the STAY and AWAY indicators start flashing. The current user code is displayed.
- 2. Enter a new code with a default length of four digits. (A code with five or six digits is also possible but has to be enabled by the installer.)
- 3. Press [#].
- √ The system beeps twice and the STAY and AWAY indicators stop flashing. The user code is changed.

11 Keypad alarm operation commands

11.1 Keypad panic alarm

- ▶ Press and hold [1] + [3] or [+] + [#] for three seconds.
- ✓ A silent panic alarm is transmitted.

To enable/disable this function contact your installer.

11.2 Keypad fire alarm

- Press and hold [4] + [6] for three seconds.
- ✓ A silent keypad fire alarm is transmitted.

To enable/disable this function contact your installer.

11.3 Keypad medical alarm

- ▶ Press and hold [7] + [9] for three seconds.
- ✓ A silent keypad medical alarm is transmitted.

To enable/disable this function contact your installer.

12 Domestic dialing

12.1 Domestic dialing alarm

When a zone tamper or zone alarm is activated, the control panel can dial a phone number of a contact person through the onboard voice dialer module. A maximum of four numbers can be dialed by the control panel during an alarm.

Indication of Domestic Call Alarm:

Domestic call 1 (1 alarm tone or recorded voice message)
Domestic call 2 (2 alarm tone or recorded voice message)
Domestic call 3 (3 alarm tone or recorded voice message)
Domestic call 4 (4 alarm tone or recorded voice message)

The voice messages are recorded with A-Link Plus and are transferred via A-Link Plus to the AMAX panel.

To enable/disable this function contact your installer.

12.2 Confirming the domestic call

All alarm events need acknowledgement. The transmission sequence is repeated until the control panel receives an acknowledgement tone. The control panel automatically closes the line after 45 seconds if it can not detect the acknowledgement tone and redial later.

- Press any button between two acknowledgement tones to confirm the alarm.
- ✓ The system beeps for two seconds and closes the line.

13 Event log recall mode

This function allows users to playback the last 254 events saved in each event log on the text keypad.

All Event Log all events are logged

EN Event Log only mandatory EN 50131-3 events are logged

Dialer Event Log only mandatory EN 50136 events are logged

13.1 How to select all event log recall mode

- Enter your code + [2] [2] and press [#].
 The system beeps twice and the event logs are displayed.
- 2. Use [▲] and [▼] to display all event logs.
- 3. Press [#] to exit.

13.2 How to select EN event log recall mode

- Enter your code + [2] [3] and press [#].
 The system beeps twice and EN event logs are displayed.
- Use [▲] and [▼] to display all EN event logs.
- 3. Press [#] to exit.

13.3 How to select dialer event log recall mode

- Enter your code + [2] [4] and press [#].
 The system beeps twice and dialer events are displayed.
- 2. Use $[\blacktriangle]$ and $[\blacktriangledown]$ to display all dialer event logs.
- 3. Press [#] to exit.

14 Faults and tamper conditions

Whenever a system fault or tamper condition occurs, the FAULT indicator flashes and the keypad beeps.



Notice!

This operation is only possible in disarmed status.

14.1 System fault or tamper analysis mode via text keypad

To display the fault or tamper analysis for describing a system fault or tamper condition, perform the following steps:

- Enter your code + [2] [1] and press [#].
 The system beeps twice and the fault or tamper conditions are displayed.
- 2. Use [▲] and [▼] to display all fault or tamper conditions.
- 3. Press [#] to exit.

14.2 System fault or tamper analysis mode via LED/LCD keypad

How to display faults and tampers via a LED/LCD keypad

- Enter your code + [2] [1] and press [#].
 The system beeps twice. The FAULT indicator is extinguished and the STAY and AWAY indicators flash. One of the number indicators is lit. Example: 2.
- 2. Enter the number that is lit in the system. Example: 2. One of the number indicators is lit. Example: 1.
- 3. Repeat step 2 until there is no number lit anymore.
- Refer to the table Types of fault or tamper conditions for a
 description of the fault or temper. The consecutively lit
 number indicators correspond to fault or tamper types.
 Example: 2 1, which indicates a panel AC failure.
- 5. If necessary press [0] to return to step 2.
- 6. Press [#] to exit.

The STAY and AWAY indicators are extinguished and the FAULT indicator is lit.

Lit number indicators		ors	Description of the fault or	
First	Second	Third	tamper	
1			Accessory module failure	
1	1		Network/IP module 1 failure	
1	1	1 - 2	Network/IP module 1 - 2 failure	
1	2		Output expansion module failure	
1	2	1 - 2	Output expansion module 1 – 2 fault	
1	3		Input expansion module failure	
1	3	1 - 6	Input expansion module 1 - 6 failure	
1	4		Printer failure	
1	4	2	Printer missing	
1	4	3	Printer fault	
1	5		RF receiver failure	
1	5	1	RF receiver 1 fault	
1	5	2	RF receiver 1 missing	
1	5	3	RF receiver 1 jammed	
1	6		RF sensor failure	
1	6	1	RF sensor missing*	
1	6	2	RF sensor fault*	
1	7		RF repeater failure	
1	7	1 - 8	RF repeater 1 – 8 missing	

1	8		RF config failure	
1	8	1	Configuration conflict sensors*	
1	8	2	Configuration conflict repeaters*	
1	8	3	Configuration conflict keyfobs*	
2			Power failure	
2	1		Panel AC failure	
2	2		Panel low battery	
2	3		Panel Aux power failure	
2	3	1 - 2	Panel Aux power 1 – 2 fault	
2	4		Bosch option bus power failure	
2	4	1 - 2	Bosch option bus 1 – 2 power fault	
2	5		RF repeater AC power failure	
2	5	1 - 8	RF repeater 1 – 8 AC power fault	
2	6		RF repeater battery failure	
2	6	1 - 8	RF repeater 1 – 8 battery fault	
2	7		RF sensor power failure*	
2	8		RF keyfob battery failure*	
3			Output failure	
3	1		Onboard output 1 fault	
3	2		Onboard output 2 fault	
4			Keypad failure	
4	1 - 16		Keypad 1 – 16 failure	
5			System failure	

5	1		Date time not set	
6			Communication failure	
6	1	Communication fault 1		
6	2	Communication fault 2		
6	3	Communication fault 3		
6	4		Communication fault 4	
6	5		Phone line fault	
7			Tamper	
7	1		System tamper	
7	2		Keypad tamper	
7	2	1 - 16	Keypad 1 - 16 tamper	
7	3		Zone expansion module tamper	
7	3	1 - 6	Zone expansion module 1 -6 tamper	
7	4		Zone tamper DEOL	
7	4	1 - 16	Sensor tamper DEOL	
7	5		Zone type tamper	
7	5	1 - 16	Zone type 1 – 16 tamper	
7	6		Keypad Lock out	
7	6	1	Keypad Lock out	
7	7		RF receiver tamper	
7	7	1	RF receiver tamper	
7	8		RF repeater tamper	
7	8	1 - 8	RF repeater tamper	

8		External failure
8	1 - 16	External fault zone 1 - 16

Tab. 14.1: Types of fault or tamper conditions

 $[\]ensuremath{^{\star}}$ In case one or more faults occur in this category

15 Resetting the control panel

This function allows users to reset all alarms, faults and tamper conditions.



Notice!

You can only reset alarms, faults or tamper conditions when they are not active anymore.

How to reset the control panel

- ▶ Enter your code + [6] [#].
- ✓ The system beeps twice and the signal is eliminated.

16 Troubleshooting

Please contact your installer in case of problems or any unexpected behavior of the system.

17 Cloud connection

When the panel is connected to the cloud service and the RSC+ app is installed on your mobile device, the panel can be operated via the RSC+ app.

To enable/disable this function contact your installer.

For more information on the the RSC+ app functionality, refer to the RSC+ Operation Manuals available on www.boschsecurity.com.

17.1 How to connect to the app

17.1.1 Downloading the app

- If you do not have a Google account or Apple ID, create one.
- 2. To access the internet, enable the Wi-Fi and connect to an available network.
- 3. Open the App Store or Google Play Store.
- 4. Search for Bosch Security Systems.
- 5. Install the "Remote Security Control+" (RSC+) app with the following icon:



17.1.2 Creating an account

- 1. Open the RSC+ app.
- 2. Select Create account.
- 3. Enter all necessary information.
- Select Register or Submit.
 A confirmation e-mail is sent to you.
- 5. Open your e-mail account and confirm the link in the e-mail. If you cannot find the confirmation e-mail, check your spam folder.

✓ Your RSC+ account is created.

17.1.3 Logging in

- 1. Open the RSC+ app.
- 2. Enter your e-mail address and password. To stay logged in, select **Remember me?**.
- 3. Select Log in.
- √ You are logged in.

Caution!

Data protection if remember me function is activated



If you activate the remember me function, make sure that you use other ways of securing your mobile device to protect your data and to make sure that your system is EN and VdS compliant. E.g. secure your mobile device with a pincode or a fingerprint scan and make sure that the screen of your mobile device turns off automatically after a given time.

17.2 How to add a panel

- 1. Select or i.
- 2. Select or Add panel.
- 3. In the **Name** field, enter the name or a description of the panel.
- 4. In the **Cloud ID** field, enter the cloud ID provided by your installer.

Or:

Select or and scan the QR code and ID label provided by your installer.

5. Select **ADD** or **Submit**.

- Space for QR code and ID label -

If no QR code and ID label is entered here, contact your installer.

Caution!



Sensitive data protection

The QR code and ID label with the cloud ID provided is unique for each cloud connection. Make sure to store it at a secure location and give it only to persons who should get access to the panel.

17.3 How to connect to a panel

- 1. Select > or Connect -> ①.
- 2. Choose the panel you want to connect.
- 3. For iOS, select .
- 4. Enter your user code.
- 5. Select Connect.
- √ The panel is connected.

17.4 How to view the cloud status and the UID on the panel

- 1. Enter your code + [▼] until you reach INQUIRE.
- 2. Press [#] + [▼] until you reach **CLOUD STATUS**.
- Press [#].The cloud status of module 1 is shown.
- 4. Press [#].

The cloud status of module 2 is shown.

5. Press [#].

The ID of module 1 is shown.

6. Press [#].

The ID of module 2 is shown.

7. Press [-] three times to exit.

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