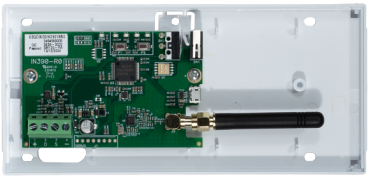
EN 50131-1
EN 50131-3
EN 50131-5-3
EN 50130-4
EN 50130-5
CEB T031



Air2-BS200

Wireless transceiver module

Installation and programming manual

Table of contents

1. Description of Air2-BS200

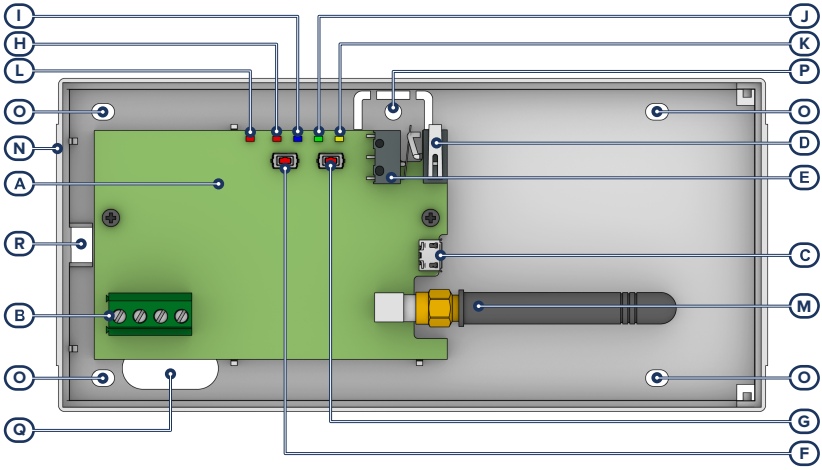
The Air2-BS200 wireless module allows the integration and management of wireless detectors, keypads, sounders, home-automation modules, foggers and remote-control keys in the hardwired environments of all models of INIM intrusion control panels.

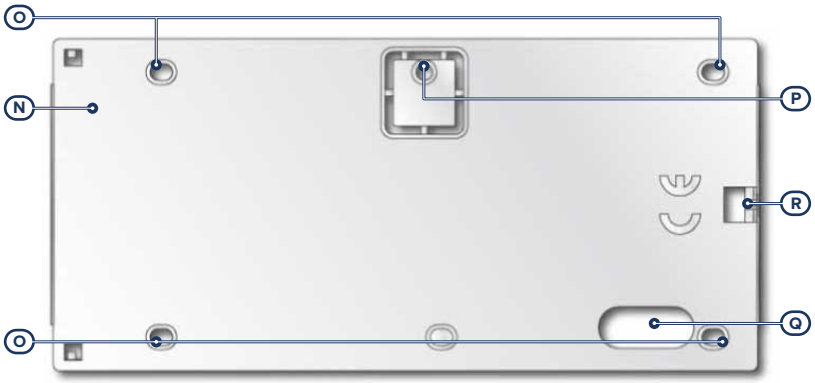
The module simulates:

- a reader, at a programmed address (ADD), which allows you to configure the remote control keys
- up to 10 expansion boards, at addresses ADD, ADD+1, ... ADD+9, capable of managing the terminals

Furthermore, each Air2-BS200 allows the Inim Electronics control panel to manage up to the following wireless devices: 4 keypads, 4 sounders, 10 home-automation modules, 10 foggers and 10 temperature sensors.

1.1 Description of parts





[A]	PCB board
[B]	BUS connection terminals
[C]	USB-micro connector
[D]	Tamper microswitch: Open cover
[E]	Tamper microswitch: Dislodgement
[F]	Button P1
[G]	Button P2

[H]	LED DL1 - red
[I]	LED DL2 - blue
[J]	LED DL3 - green
[K]	LED DL4 - yellow
[L]	PRG LED - red
[M]	Antenna connector
[N]	Backbox
[O]	Mounting screw location
[P]	Tamper-screw location
[Q]	Cable entry
[R]	Enclosure screw hole

1.2 Technical specifications of Air2-BS200

Model	Air2-BS200/10	Air2-BS200/30	Air2-BS200/50
Operating voltage	from 9 to 15 V ⎓		
Current absorption	20 - 50 mA		
Antenna			
connector	SMA female		
impedance	50 Ohm		
ACE type (Ancillary Control Equipment)	A		
Operating environmental conditions			
Temperature	from -10 to +40°C		
Relative humidity	≤ 93% without condensation		

Model	Air2-BS200/10	Air2-BS200/30	Air2-BS200/50
Security grade	2		
Environmental class	II		
Dimensions (W x H x D)	80 x 170 x 25 mm		
Weight	135 g		
Terminals	10	30	50
Remote-control keys	30	50	100
Keypads	4		
Sounder/flashers	4		
Home-automation modules	10		
Foggers	10		
Temperature sensors	10		

(EN IEC 62368-1)

Terminal type	**+ D/B S/A -**	ES1, PS2
	USB	ES1, PS1

Technical specifications of Air2 system	
Operating frequency	
range	868.0 - 868.6 MHz
selectable channels	868.1, 868.3, 868.5 MHz
RF output power	25mW e.r.p.
Communication type	Two-way
Modulation	GFSK
Device monitoring	from 12 to 250 minutes

Note

In order to comply with the EN 50131-1 standards the alarm system supervision time must be below 120 minutes.

1.3 Status LED

Red DL1 LED	Blue DL2 LED	Green DL3 LED	Yellow DL4 LED	RED PRG LED	Signalling
Off	Discontinuous flashing	Off	Off	Off	Wireless data reception
Off	Off	Discontinuous flashing	Off	Off	Programming phase in progress (from 1 to 5, for SmartLiving only)
Off	Off	Off	solid / blinking	Off	Parameter/Value undergoing programming (for SmartLiving only)
Off	Off	Continuous flash-	Off	Off	Enrollment of wireless device in progress

Red DL1 LED	Blue DL2 LED	Green DL3 LED	Yellow DL4 LED	RED PRG LED	Signalling
		ing			(requested at the control panel)
Off	Off	Continuous flash-ing	Continuous flash-ing	Off	Erroneous programming (for example, two devices on the same terminal)
1 flash	1 flash	1 flash	1 flash	Off	Reset factory default settings
solid /off / blinking				Off	Address Programming (phase 6)

2. Operating principles

In order to configure the Air2-BS200 in the control panel it is necessary to assign an address between 1 and 30 (to set the address follow the instructions in paragraph *3.2 Addressing of Air2-BS200*).

The selected address will be assigned to the simulated reader (which processes and manages wireless transmissions in the same way as keys) and to the first 10 expansion boards, also simulated, with successive addresses 'ADD', 'ADD'+1, ..., 'ADD'+9.

Conditions for secure deployment and operations:

- there must be no other transceivers at the selected address
- the simulated reader must be enrolled on the control panel
- there must be no other readers at the same address (external or integrated into the keypad)
- the simulated reader need not be associated with any partitions
- the simulated expansion boards must be enrolled on the control panel
- an expansion board will be considered part of the wireless network only when one of its terminals is configured as 'wireless'
- a simulated expansion board cannot share its assigned address with other hardwired expansion boards.

2.1 Wireless terminals

A terminal can be considered a 'Wireless' terminal only under the following conditions:

- it must not be configured as a 'Double' zone (D)
- if configured as a 'Zone', it must not be configured as 'Shock' in the detector type field
- it must be assigned to an expansion board (and not to the control panel or keypads)

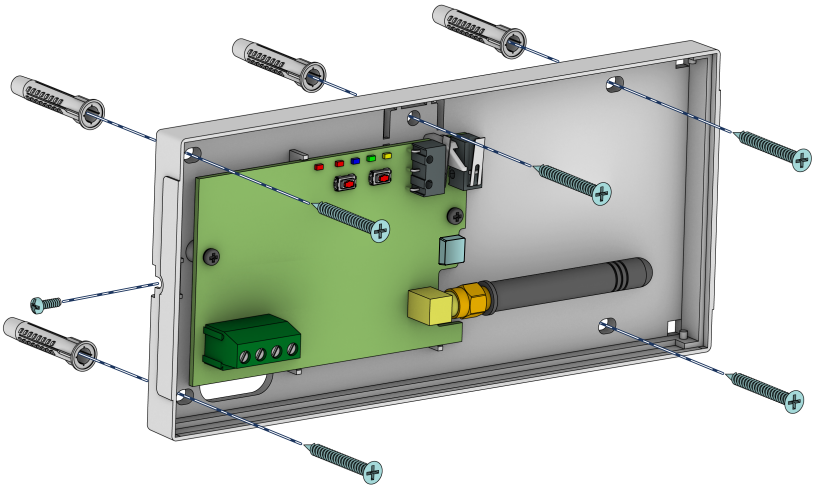
2.2 Wireless peripherals

The Inim Electronics intrusion-control panel can manage up to 4 keypads, 4 sounders, 10 home-automation modules, 10 foggers and 10 temperature sensors for each Air2-BS200. However, the maximum peripheral management limits remain for each control panel model.

When assigning the addresses, it is necessary to use free addresses therefore there must be no other peripherals at the same address as the wireless peripherals of the same type to be configured.

For the addressing procedure and the programming of these devices, refer to the respective manuals.

3. Installation of Air2-BS200



For optimal performance of the wireless system the Air2-BS200 transceiver module must be located at the core of the wireless network and area of use of remote-control keys, in a placement which allows easy connection of the I-BUS cable to the control panel.

All wireless protection devices should be installed in elevated positions in order to increase detection capabilities and prevent inadvertent blinding caused by large objects or building occupants.

Attention!

Ferromagnetic materials which are located in the vicinity of the mounting position can influence the magnetic field and can result in the reduced operating capacity of the device.

It is possible to view on the keypads or via the programming and supervision software, the strength of the Air2-BS200 wireless signal on each wireless device, this data can be used to optimize the installation process.

Note

A level 3 signal strength it is recommended for a good installation.

As an integral part of the system, the Air2 provides 3 inter-module transmission channels. Changing the channel can be useful in situations in which wireless systems are close proximity (for example, in two adjoining apartments).

For secure deployment and operations of the Air2 wireless intrusion protection system, it is necessary to refer to the Installation and programming guide of the hardwired intrusion control panel in use.

1. Choose a suitable mounting placement.
2. Using a flat-bladed screwdriver in the enclosure screw location, push open the enclosure and separate the two parts.
3. Hold the base to the chosen mounting placement and mark the screw holes and tamper protection position.
4. Pull the wires through the cable entry and wire up the transceiver.
5. Using the screws, secure the base and the tamper protection in position.
6. Enroll the device.
7. Re-attach the cover to the base and replace the enclosure screw.

3.1 Connecting to the I-BUS line

The peripheral devices of Inim Electronics control panels are to be connected to the control panel via the I-BUS.

The connection between the control panel and its peripherals is achieved through a shielded 4 wire (or more) cable.

Attention!

The shield must be connected to one of the ground terminals (or GND) only on the control panel side and must follow the entire BUS without being connected to ground in other points.

The control panel connection is done using terminals '**+ D S -**' on the motherboard.

Sizing

The sizing of the I-BUS line, i.e. the distribution of peripherals and the use of cables to connect them, must be done on the basis of various project factors, in order to ensure the diffusion of the signals of conductors "**D**" and "**S**" and the power supplied by conductors "**+**" and "**-**".

The factors are:

- The current absorption of the connected devices.

  In the case of insufficient power supply from the BUS line to peripherals and detectors (refer to the Technical specifications table), this can also be supplied by external power supplies.

- Cable type

  The cable section used affects the dispersion of the conductor signals.

Recommended cable

Cable AF CEI 20-22 II	number of conductors	section (mm2)	I-BUS terminal
4 wire cable + shield	2	0.5	**+ -**
	2	0.22	**D S**
6 wire cable + shield	2	0.5	**+ -**
	2	0.22	**D S**
	2	0.22	available

Cable AF CEI 20-22 II	number of conductors	section (mm2)	I-BUS terminal
6 wire cable + shield	2	0.75	**+ -**
	2	0.22	**D S**
	2	0.22	available

- Communication speed over the BUS

  This parameter can be changed by means of the programming software (38.4, 125 or 250kbs).

BUS sizing

BUS speed	maximum admissible length (sum of the sections downstream of the control panel or of an isolator)
38.4kbps	500m
125kbps	350m
250kbps	200m

- Number and distribution of isolators.

  To increase the reliability and the extension of the BUS, it is necessary to use isolators.

3.2 Addressing of Air2-BS200

During the enrolling phase the Air2-BS200 wireless transceiver is integrated into the INIM intrusion control panel by simulating:

- a reader, with the address programmed via the module itself (ADD), by means of buttons P1 and P2 on the PCB;
- up to 10 expansion boards, at addresses ADD, ADD+1, ... ADD+9, to manage the terminals and to be configured via the software project template

The address must be set during the programming phase of the reader. During this phase the address is indicated by LEDs DL 1-4 in accordance with the following:

Reader address	LED DL1 - red	LED DL2 - blue	LED DL3 - green	LED DL4 - yellow
1	**0**	**0**	**0**	**1**
2	**0**	**0**	**1**	**0**
3	**0**	**0**	**1**	**1**
4	**0**	**1**	**0**	**0**
5	**0**	**1**	**0**	**1**
6	**0**	**1**	**1**	**0**
7	**0**	**1**	**1**	**1**
8	**1**	**0**	**0**	**0**
9	**1**	**0**	**0**	**1**
10	**1**	**0**	**1**	**0**
11	**1**	**0**	**1**	**1**
12	**1**	**1**	**0**	**0**
13	**1**	**1**	**0**	**1**

0	LED Off
1	LED On
L	Flashing LED

14	**1**	**1**	**1**	**0**
15	**1**	**1**	**1**	**1**
16	**0**	**0**	**0**	**L**
17	**0**	**0**	**L**	**0**
18	**0**	**0**	**L**	**L**
19	**0**	**L**	**0**	**0**
20	**0**	**L**	**0**	**L**
21	**0**	**L**	**L**	**0**
22	**0**	**L**	**L**	**L**
23	**L**	**0**	**0**	**0**
24	**L**	**0**	**0**	**L**
25	**L**	**0**	**L**	**0**
26	**L**	**0**	**L**	**L**
27	**L**	**L**	**0**	**0**
28	**L**	**L**	**0**	**L**
29	**L**	**L**	**L**	**0**
30	**L**	**L**	**L**	**L**

1. Put the intrusion control panel in maintenance mode.
2. Press button **P1** to access the address setting menu. During this phase the PRG LED will switch On and the LEDs will show the current address.
3. Use the **P2** to reach the address to be assigned.
4. Use the **P1** button to assign the address and exit the menu (phase 0).
5. Include the wireless expansion boards in the control panel configuration, starting from the 'ADD' address (maximum 'ADD' +9).
6. In the control panel configuration set the presence of the reader at the 'ADD' address, simulation of the transceiver associated with the wireless devices.

Pressing and holding the **P2** button during normal operating status of the Air2-BS200 will allow you to view (but not change) the transceiver address indicated on its LEDs.

3.3 Enrolling a wireless device

The enrolling process allows you to associate an INIM wireless device with the Air2-BS200 transceiver that connects to the anti-intrusion control panel.

This procedure varies depending on the control panel in use and the programming software or application:

1. Access the control-panel programming section.
2. Select the device to be enrolled in accordance with its type:
   - an expansion board for a transceiver
   - an input terminal, for a detector (motion detector, magnetic contact, etc.)
   - an output terminal, for an output device connected to a terminal of the Air2-MC300 magnetic contact
   - a keypad
   - a sounder/flasher
   - a key, for a remote control device, selecting as the associated reader the one simulated by the transceiver
   - a home-automation module

- a fogger
- a temperature sensor

3. Set the device as 'Wireless'.
4. Start the learning phase from the control panel.

Via Prime/STUDIO software application

Once the solution for the system to be designed has been opened, click on the **System Layout** button on the menu on the left. Then in the section on the right click on the **Add device on BUS** button.

A window opens where you can select the devices to be configured and add them to the configuration.

In the section on the left you can increase the number using the button corresponding to the selected device type.

To remove a device from the structure, work through the Add device procedure, but instead deselect the device you want to remove

Alternatively, you can access the programming section by clicking on the relevant button on the menu on the left, and from the list that appears click on the **Delete** button that corresponds to the line of the device to be removed.

Via SmartLeague software application

Once the solution of the system to be designed *[A]* has been opened, in the right 'Design' tab *[B]*, it is possible to select an icon of the type of peripheral to be configured and drag it to the relevant part of the tree structure on the left *[C]*.

Alternatively, you can double-click on the device icon to add it to the configuration.

In the tree structure on the left, the number corresponding to the selected device type increases.

To remove a component from the tree structure, select it and press **CANC** on the computer keyboard.

Via keypad

Enrolling of wireless devices is possible by enabling the menu options in the installer menu section:

`Type-in Code` (Installer), `PROGRAMMING Expansions, Enable/Disable`

In this section it is possible to add/remove readers from the configuration, by means of keys '■' and '□'.

Following this you need to declare the expansion as "Wireless" by declaring one of its terminals as "Wireless".

3.3.1 Enrolling keys

The key enrolling procedure is carried out in this section:

Via keypad

`Type-in Code` (Installer) , `PROGRAMMING Keys, Enroll`

1. The readers present in the control panel configuration will be shown. Select the reader you want to use for enrolling the keys, then press '**OK**'. If it is a reader simulated by the Air2-BS200, a 'W' will be shown at the end of the description.
2. Select the key you wish to enroll and press '**OK**'.
3. The keypad will indicate the current description of the digital key concerned.
4. Hold the digital key in the vicinity of the reader and then move it away. In the case of a wireless key-fob, press simultaneously keys '**3**' and '**4**'.
5. The keypad you are working on will emit a beep to confirm that the key has been enrolled.
6. The digital key description on the display will pass to the next key automatically. This method (from step '4') allows you to enroll as many digital keys as the system requires.
7. Once all the keys have been enrolled, press the '**Esc**' or '**Canc**' button.

Note

All the enrolled keys will be enabled to operate the system immediately.

Delete keys

`Type-in Code` (Installer), `PROGRAMMING Keys, Delete key`

This section allows you to delete enrolled digital keys from the system configuration. The enrolled digital keys can be found in the list with the '■' symbol:

1. Use the 'up' and 'down' buttons to select any enrolled keys you wish to delete.
2. Press the button to delete the key.
3. Press '**OK**' to confirm and exit.

Through an appropriate section of the installer menu it is also possible to delete all the enrolled keys at once. This section can be reached as follows:

`Type-in Code` (Installer), `PROGRAMMING Default settings, Only keysDefault`

Key enablements

`Type-in Code` (Installer) , `PROGRAMMING Keys, Enable/disable`

This section allows you to enable/disable the digital keys. These operations are not irreversible:

1. Use the 'up' and 'down' buttons to select the key in question.
2. Use keys '■' and '□' to enable/disable the key.
3. Press '**OK**' to confirm and exit.

4. Programming the Air2 system

Programming an Air2 system consists of simply programming the parameters of the transceiver. During the enrolling phase the transceiver simulates a reader and during the normal operations it simulates an expansion board and has control of the devices represented by wireless terminals.

Each Air2 device that transmits to the control panel through the Air2-BS200 has parameters and function options, accessible through the programming sections relating to the control panel terminals.

Example

To program an intrusion control panel which requires:

- 12 hardwired zones of which 3 on the control panel, 2 on a keypad, 7 on 2 expansion boards
- 18 wireless zones
- 5 remote-control keys

Minimum requirements: 18/5=4 expansion boards; if the 2 expansion boards are for the hardwired zones assign them to addresses 1 and 2; set the Air2-BS200 DIP-microswitches to address 3 (LED DL1 Off, DL2 Off, DL3 On, DL4 On).

Enroll expansion boards 3, 4, 5 and 6 and reader 3 on the control panel.

In the 'Terminals' programming section, select terminal T1 of expansion board 3 and enroll the detector. Enroll all the wireless devices consecutively.

In the 'Keys-Enroll' programming section, select reader 3 then select the number of remote-control keys you wish to enroll.

Programming the control panel

The actual programming process for Inim Electronics control panels offers the following parameters for the management of the Air2 wireless system:

Instant reset of wireless magnetic contact	If this option is enabled, reset of the magnetic reed sensor of wireless detectors will be signalled instantly (otherwise signalling has a maximum delay of 10 seconds).
Wireless supervision time	Parameter for the setting of the wireless-device monitoring time. On expiration of the set time any wireless devices that fail to respond will be signalled as lost. Accepted values: 12 to 250 minutes.

4.1 Programming of Air2-BS200

Programming of the Air2-BS200 transceiver, with transmission parameter settings for all Air2 devices, is possible via Inim Electronics's programming software, via system keypads and, if the transceiver is installed in a SmartLiving system, directly by means of the buttons on the device itself (*4.3 Programming from Air2-BS200*).

Via software

Inim Electronics's programming softwares have sections that allow you to view all the enrolled wireless devices and set the programming parameters of each individual Air2-BS200 transceiver.

The ‘Wireless transceivers’ section is divided in sub-sections, one for each receiver configured. Each sub-section shows:

- the transceiver model
- the firmware version of the transceiver board
- the transceiver parameters
- a list of devices enrolled by the transceiver;
  for each device it shows:
  - the Icon
  - the terminals (where present)
  - the serial number
  - the model

4.2 Transceiver parameters

The programming software, selecting a transceiver, provides the following functions and parameters:

Menu bar for wireless transceivers

Parameter		Software section
Clone remote-control keys	This function starts the guided cloning process of the wireless keys enrolled via the transceiver of the selected reader. The guide allows you to indicate which transceiver, from those selectable, the cloned keys will be assigned to.	 Wireless tranceivers
RF	This function starts an operation which attenuates (6db) the wireless signal transmitted by the transceivers for 5 approximately minutes. During this period the installer can carry out tests on the stability of the RF connection under weak-signal conditions.	

Parameters of single Air2-BS200

Parameter		Software section	Installer menu section
Channel	Section for the selection of the wireless communication channel used by the transceiver that simulates the reader being programmed: • Channel 001, 868.1MHz • Channel 002, 868.3MHz • Channel 003, 868.5MHz	 Configured wireless-tranceivers, Wireless	Readers, ChoosePeripheral, "reader", Channel
Disable tamper protection	This option disables the tamper signal of the Air2-BS200 transceiver.		Options, Disable tamper
Disable the Rolling Code	This option disables the use of a rolling-code algorithm for the transmission of wireless commands via the module Air2-BS200. If the same remote control is used on multiple systems, the disabling of this feature may be useful to the installer.		Options, RollingCodeDisab

4.3 Programming from Air2-BS200

Programming done from an Air2-BS200 module allows you to set some of the Air2 programming parameters only when used with a SmartLiving system.

This programming also includes a specific section for the addressing of the Air2-BS200, available for SmartLiving, Prime and PrimeX control panels.

The available programming phases correspond to the 6 different sections in the Programming menu. Use the buttons and LEDs on the PCB of the module to navigate through the 6 programming phases.

1. Press the **P1** button.
   The programming menu will open.
2. Press the button again until access to the required phase is achieved. LED DL3 will emit a number of blinks corresponding to the current phase.
3. Using the **P2** button carry out any changes (where required). Where required, LED DL4 will show the current data.
4. Save any changes and exit the programming session.
   This can be done in two ways:

   - Use the **P1** button to step back.
   - Press and hold the **P2** button for at least 3 seconds.

   The 5 LEDs will light to confirm that the data has been saved. If this procedure is carried out during phase 2, the device will reset to factory default settings.

Phase 0

Stand-by: normal operating phase of the Air2-BS200 and its LED.

During this phase it is possible to exit programming and save any changes.

Phase 1

Enrolling: LED DL3 will emit in series 1 blink followed by a pause. LEDs DL1, DL4 and PRG will remain off.

Press the 'ENROLL' button on the device you wish to enroll. Press simultaneously buttons F3 and F4 on the remote-control key. Within 4 seconds, LED DL2 should flash to indicate correct reception of the device and its enrollment.

Phase 2

Unenrolling: LED DL3 will emit in series 2 blinks followed by a pause. LEDs DL1, DL4 and PRG will remain off.

Press the 'ENROLL' button on the device you wish to unenroll (delete). Press simultaneously buttons F3 and F4 on the remote-control key. Within 4 seconds, LED DL2 should flash to indicate that the device has been received and unenrolled.

Phase 3

Change transmission/reception channel: LED DL3 will emit in series 3 blinks followed by a pause.

LED DL4 emits a number of blinks equal to the number of the current channel. 3 channels are available. Press button **P2** to activate the successive channel to the one currently operating on the Air2-BS200 module. At this point, press the ENROLL button on all the detectors and sounders, access the 'ENROLL' menu on the Aria keypad and press buttons F3 and F4 simultaneously on all the remote-control keys. This will synchronize the system wireless devices with the new channel.

Phase 4

Enable/Disable tamper Air2-BS200: LED DL3 will emit in series 4 blinks followed by a pause.

LED DL4 indicates the status of this option: OFF = Tamper enabled; ON = Tamper disabled. Press button **P2** to toggle the status of this option. If the Tamper option is disabled, the status of both microswitches will be ignored.

Phase 5

Enable/Disable rolling-code authentication on all keyfobs: LED DL3 will emit in series 5 blinks followed by a pause.

LED DL4 indicates the status of this option: OFF = Rolling code authentication enabled; ON = Rolling code authentication disabled. Press button **P2** to toggle the status of this option.

Phase 6

Addressing: LED PRG will go On solid. LED DL1-4 indicates the current address.

This phase is available on all control panel models.

Factory data

To restore the factory default settings, press and hold the **P2** button until the 4 LEDs (DL) come ON during **Phase 2 - Unenroll**, as previously described.

5. General information

5.1 About this manual

Manual code: DCMIINE0A2BS2008E

Revision: 140

5.2 Manufacturer's details

Manufacturer: Inim Electronics S.r.l.
Production plant: Centobuchi, via Dei Lavoratori 10
63076 Monteprandone (AP), Italy
Tel.: +39 0735 705007
Fax: +39 0735 734912
E-mail info@inim.it
Web: www.inim.it

The persons authorized by the manufacturer to repair or replace the parts of this system have authorization to work only on devices marketed under the brand Inim Electronics.

5.3 Notes from the Manufacturer

The Air2 devices are certified by IMQ-Sistemi di sicurezza (Italian certification body).

The information relating to the power-supply batteries required by Air2 devices is shown in the Technical Specification table that follows.

The manufacturer cannot guarantee the declared battery life.

Attention!

Do not use batteries other than those indicated by the manufacturer as they may explode.

5.4 Simplified EU Declaration of Conformity

Hereby, Inim Electronics S.r.l. declares that the radio equipment type Air2-BS200 is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: www.inim.it.

5.5 Warranty

Inim Electronics S.r.l.. (Seller, Our, Us) warrants the original purchaser that this product shall be free from defects in materials and workmanship under normal use for a period of 24 months.

As Inim Electronics does not install this product directly, and due to the possibility that it may be used with other equipment not approved by Us;Inim Electronics does not warrant against loss of quality, degradation of performance of this product or actual damage that results from the use of products, parts or other replaceable items (such as consumables) that are neither made nor recommended by Inim Electronics. Seller obligation and liability under this warranty is expressly limited to repairing or replacing, at Seller's option, any product not meeting the specifications. In no event shall Inim Electronics be liable to the purchaser or any other person for any loss or damage whether direct of indirect or consequential or incidental, including without limitation, any damages for lost profits, stolen goods, or claims by any other party caused by defective products or otherwise arising from the incorrect or otherwise improper installation or use of this product.

This warranty applies only to defects in parts and workmanship relating to normal use. It does not cover damage arising from improper maintenance or negligence, damage caused by fire, flood, wind or lightning, vandalism, fair wear and tear.

Inim Electronics S.r.l. shall, at its option, repair or replace any defective products. Improper use, that is, use for purposes other than those mentioned in this manual will void the warranty. Contact Our authorized dealer, or visit our website for further information regarding this warranty.

5.6 Limited warranty

Inim Electronics S.r.l. shall not be liable to the purchaser or any other person for damage arising from improper storage, handling or use of this product.

Installation of this Product must be carried out by qualified persons appointed by Inim Electronics. Installation of this Product must be carried out in accordance with Our instructions in the product manual.

5.7 Documents for the users

Declarations of Performance, Declarations of Conformity and Certificates concerning to Inim Electronics S.r.l. products may be downloaded free of charge from the web address www.inim.it, getting access to Extended Access and then selecting "Certifications" or requested to the e-mail address info@inim.it or requested by ordinary mail to the address shown in this document.

Manuals may be downloaded free of charge from the web address www.inim.it, getting access to the reserved area, after the login, and then to the section of each product.

5.8 Disposal of the product

Informative notice regarding the disposal of electrical and electronic equipment (applicable in countries with differentiated waste collection systems)

The crossed-out bin symbol on the equipment or on its packaging indicates that the product must be disposed of correctly at the end of its working life and should never be disposed of together with general household waste. The user, therefore, must take the equipment that has reached the end of its working life to the appropriate civic amenities site designated to the differentiated collection of electrical and electronic waste. As an alternative to the autonomous-management of electrical and electronic waste, you can hand over the equipment you wish to dispose of to a dealer when purchasing new equipment of the same type. You are also entitled to convey for disposal small electronic-waste products with dimensions of less than 25cm to the premises of electronic retail outlets with sales areas of at least 400m2, free of charge and without any obligation to buy. Appropriate differentiated waste collection for the subsequent recycling of the

discarded equipment, its treatment and its environmentally compatible disposal helps to avoid possible negative effects on the environment and on health and favours the re-use and/or recycling of the materials it is made of.

Evolving Protection

Inim Electronics S.r.l.

Via dei Lavoratori 10, Loc. Centobuchi
63076 Monteprandone (AP) ITALY
Tel. +39 0735 705007 _ Fax +39 0735 704912

info@inim.it _ **www.inim.it**

DCMIINE0A2BS2008E-140-20250121