

English

intelbras

User's Manual

ANM 24 Net



ANM 24 Net
Unmonitored alarm center

Congratulations, you have just purchased a product with Intelbras quality and safety.

The ANM 24 Net alarm center is compact and easy to program. It has a panic function by remote control, 24-hour zone, silent zone, supervision, protection against short circuits or reverse polarity, EEPROM memory, etc. It can be connected to several types of sensors, such as opening sensors and infrared.



ATTENTION: This product comes with a factory default password. For your safety, it is **ESSENTIAL** that you change it as soon as you install the product and ask your technician about the configured passwords, which users have access to, and about the recovery methods.

Summary

1. Technical Specifications	5
2. Features	5
3. Accessories	6
4. Product	6
5. Installation	7
5.1. Antenna	8
5.2. Battery (two-color parallel wire cable)	8
5.3. Mains (AC) power connection	9
5.4. Zones	9
5.5. Auxiliary (-AUX+)	10
5.6. PGM	10
5.7. Siren	11
6. Operation	12
6.1. Description of the LEDs on the center's cover	12
6.2. Zone Status Display	12
6.3. Trouble Display	13
6.4. Removing trouble signal (low battery of wireless sensors and supervision failure)	13
6.5. Activation and deactivation	13
6.6. Activation and deactivation by remote control	14
6.7. AMT Mobile V3 and AMT Remoto Mobile Applications	14
6.8. Message editing by the AMT Remoto Mobile application	15
6.9. Permissions for user passwords	15
7. Programming	15
7.1. Enter programming mode	15
7.2. Exit programming mode	16
7.3. Change the master password	16
7.4. Wireless device registration	16
Select OOK (unsupervised device) or FSK (supervised device) modulation	16
Wireless Sensor	16
Wireless sensor registration via the <i>Learn Sensor button</i>	17
Wireless sensor registration through programming mode	17
ANM 24 NET	17
Remote Control	18
Remote control registration via the <i>Learn Control button</i>	18
Remote control registration by user permission	19
Programming zone functions	20
Allowed Combinations in wired Zones (01 to 04)	21
Allowed combinations in wireless Zones (05 to 24)	22
7.5. Time Programming	23
Entry timing	23
Exit timing	23
Intelligent Zone Time	24
Auto-activation time on inactivity	24
Siren time	25
PGM Time	25

7.6. Set the center's time zone	25
7.7. PGM output.	26
7.8. Enable or disable PGM event reporting	27
7.9. Remote control lock	27
7.10. Enable or disable siren beep (enable/disable)	28
7.11. Enable or disable activation by a key	28
7.12. Enable or disable buttons: Learn Control and Learn Sensor	28
7.13. Enable or disable Smart system (supervision)	29
7.14. Enable or disable real-time event reporting.	29
7.15. Wireless sensors test	29
7.16. Wireless sensors low battery test	30
7.17. Remote controls test	30
7.18. Periodic test by time interval.	30
7.19. Measure the signal strength level of the wireless device (only for supervised devices - FSK modulation)	31
7.20. Automatic zone opening cancellation	31
7.21. Temporary zone bypass	31
7.22. Ethernet Settings	32
Enable or disable DHCP	32
Local IP configuration	32
Gateway configuration	32
Netmask configuration	32
Primary DNS configuration (DNS 1)	33
Secondary DNS configuration (DNS 2)	33
7.23. View IP address	33
7.24. View the alarm center's firmware version	33
View generation of the alarm center model	33
7.25. View MAC address.	33
7.26. Reset Types	34
Programming Reset	34
Wireless sensor reset by zone	34
Wireless sensors general reset	34
Remote control reset by user permission	35
General reset of the remote controls	35
Wireless devices reset	35
Pending events reset	35
General reset.	35
Temporary master password reset	36
Temporary master password reset if the center is activated or tripped	36
Remote firmware update	36
8. Summary of the center's programming	37
Warranty Terms	41

1. Technical Specifications

AC power supply	90 to 265 Vac (automatic), it is recommended to use a cable with a gauge \leq 18 AWG (1 mm)
Auxiliary output voltage/current	14.5 Vdc / 500 mA
Power consumption in standby ^{1, 2}	Primary: 5 W (127 Vac / 40 mA) Secondary: 0.5 W (14.5 Vdc / 35 mA)
Power consumption at full charge ²	Primary: 30 W (127 Vac / 240 mA) Secondary: 13 W (14.5 Vdc / 900 mA)
Siren output current	300 mA
DC power supply	12 V/7 Ah battery (not supplied)
Operating Temperature	-10 to 50 °C
PGM output voltage/current	13 Vdc / 50 mA

¹ Without a battery or accessories connected to the alarm center.

² Relative measurement values.

2. Features

The ANM 24 Net alarm center has the following features:

- » 4 wired zones (01 to 04)
- » 20 wireless zones (05 to 24)
- » 30 users for remote control (00 to 29)
- » Integrated wireless sensor and remote control receiver (compatible with OOK modulation - unsupervised device, and FSK - supervised device)
- » Range: up to 100 meters with direct view in an open field
- » Reception of up to 20 wireless sensors (compatible with OOK modulation - unsupervised device, and FSK modulation - supervised device)
- » Reception of up to 30 users for remote control (compatible with OOK modulation - unsupervised device, and FSK - supervised device)
- » 1 password (master)
- » 29 user passwords (configurable via the AMT Remoto Mobile application)
- » Remote access via AMT Mobile V3 application
- » Registration of wireless devices by the AMT Remoto Mobile application
- » Registration of wireless devices via the Learn button on the center's board
- » Remote access via AMT Remoto Mobile application
- » Firmware upgrade by AMT Remoto Mobile application via local network
- » Internal buffer for 128 events
- » 1 programmable output (PGM)
- » Panic function (audible and silent) and medical emergency by remote control
- » 24-hour programmable zone
- » On/Off input for activating/deactivating the center
- » Smart battery charger (12 Vdc) with protection against short circuit or reverse polarity
- » Programmable timing for independent input and/or output
- » Automatic Zone Bypass
- » Intelbras wireless sensors' low battery detection and testing
- » Test mode for wireless sensors and remote controls
- » Integrated full range 90-265 Vac (automatic) switched mode power supply
- » Dimensions with individual packaging (W × H × D): 211 × 277 × 97 mm
- » Product dimensions (W × H × D): 209 × 275 × 95 mm

Attention:

- » We do not guarantee the operation of wireless sensors that are not manufactured by Intelbras in our alarm centers.
- » As for remote controls from other manufacturers, they must have the following characteristics to work with our centers:
 1. Work in OOK or FSK modulations;
 2. Work on the 433.92 MHz frequency;
 3. Transmission rate 1.886 Kbps.

The program is stored in EEPROM memory, which is not erased even in the event of a power outage or battery failure, thus ensuring the security of the access code and programmed parameters.

Also stored in the EEPROM memory are all the setup conditions of the alarm center. If your alarm system has no battery or the battery is discharged and the power supply is interrupted, as soon as it is re-established, the center will assume the same condition as before.

3. Accessories

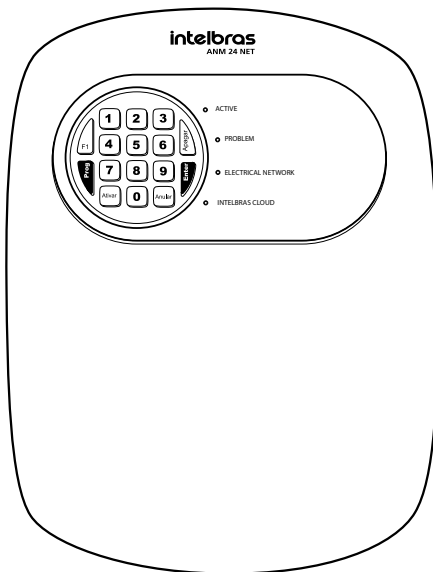
The alarm center is compatible with the following Intelbras products:

- » Wired sensors.
- » Wireless sensors.
- » Electrifiers.
- » Remote controls.

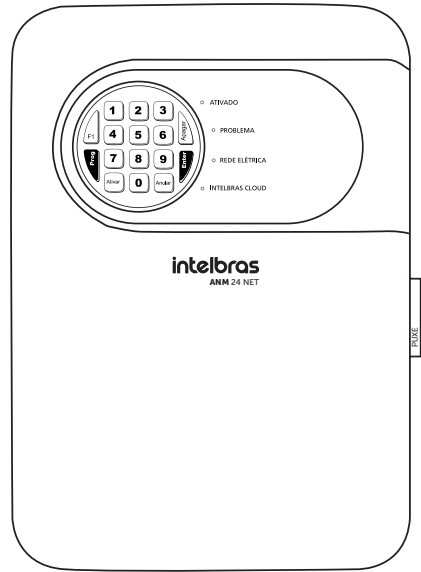
Note: the ANM 24 Net center is not compatible with any keyboard and receiver model, because it does not have the T1/T2 and AB communication bus.

For more information about accessories, visit www.intelbras.com.br.

4. Product



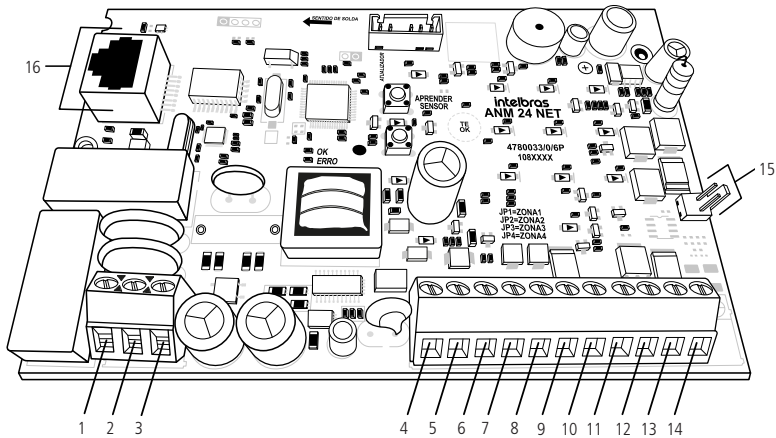
ANM 24 Net



ANM 24 Net G2

5. Installation

After opening the switchboard cover, you can see the terminals for connecting the power supply (AC) and grounding (Earth), sensors (ZONES and COMs), auxiliary output (-AUX+), PGM output, and siren (-SIR+). See the figure below.

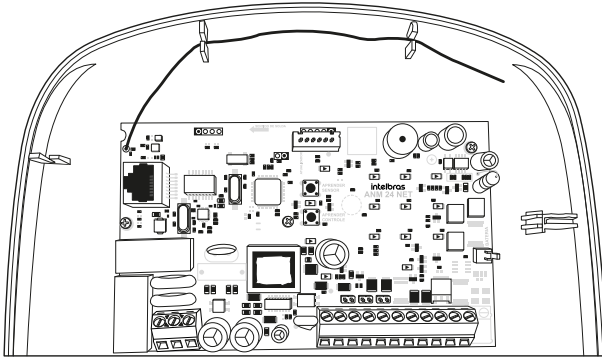


1. Input for power supply (AC).
2. Input for grounding (EARTH).
3. Input for power supply (AC).
4. Zone 1 input for wired sensor connection (ZONE1).
5. Common for connecting wired sensors from zones 1 and 2 (COM).
6. Zone 2 input for wired sensor connection (ZONE 2).
7. Zone 3 input for wired sensor connection (ZONE 3).
8. Common for connecting wired sensors from zones 3 and 4 (COM).
9. Zone 4 input for wired sensor connection (ZONE 4).
10. Auxiliary output negative (-AUX).
11. Auxiliary output positive (AUX+).
12. PGM programmable output (PGM).
13. Siren output negative (-SIR).
14. Positivo da saída da sirene (SIR+).
15. Battery connector (J1).
16. RJ45 connector for Ethernet network cable (CN2).

Note: the layout of the components may change depending on the board version.

5.1. Antenna

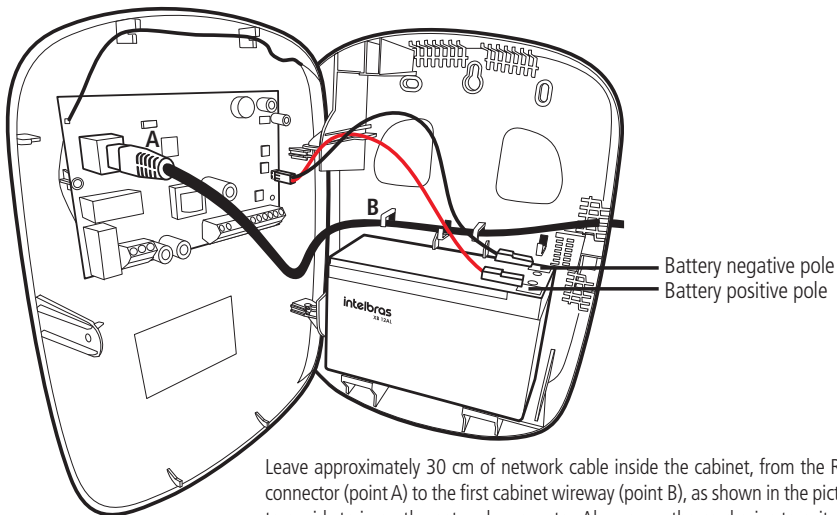
Keep the antenna installed as shown in the following figure:



5.2. Battery (two-color parallel wire cable)

In the right corner is a Battery connector (J1), item 15 in the topic *Installation*. It is used to connect the alarm system's battery. During normal operation, it acts as a charger for the battery. It will supply power to the system in case of a mains power failure.

The battery must be housed inside the center's case, as shown in the following image. Connect the black wire to the negative pole and the red wire to the positive pole of the battery.

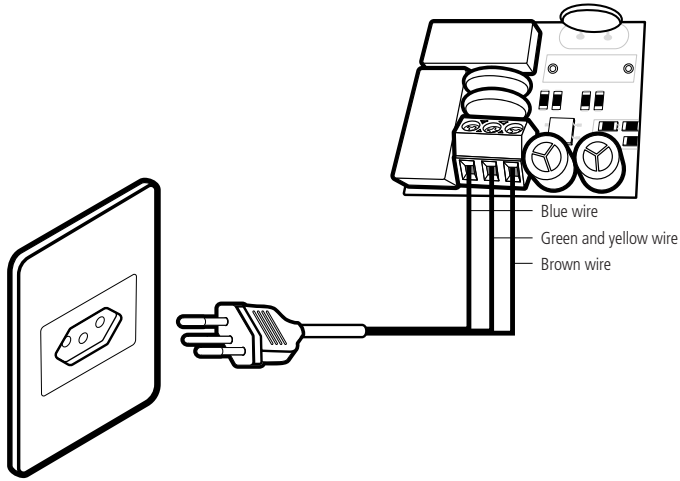


Leave approximately 30 cm of network cable inside the cabinet, from the RJ45 connector (point A) to the first cabinet wireway (point B), as shown in the picture, to avoid strain on the network connector. Always use the cord grips to exit with the cable from the cabinet.

Attention:

- » We recommend using the battery so that during an eventual power outage, your central will continue operating.
- » If the battery cable is connected upside down, don't worry, because the center has protection against polarity inversion. If this occurs, remove the cable and connect it in the correct position.

5.3. Mains (AC) power connection



In the lower left corner of the board, there is a three-pin terminal block for connecting the center to the ground (EARTH) and the mains (AC and AC).

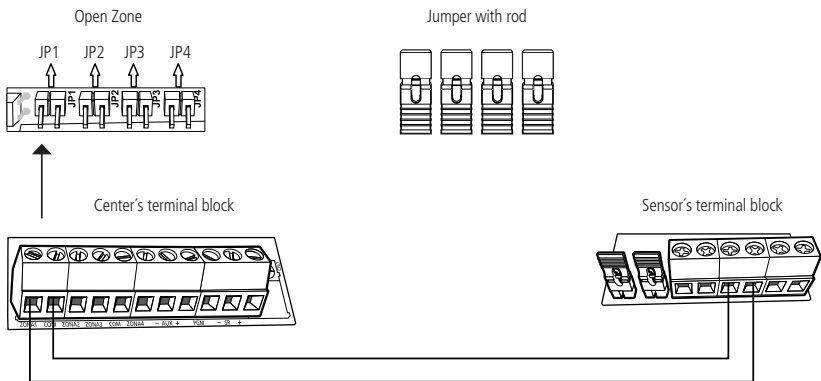
This board has one or two protection fuses depending on its version. If you need to replace them, use one of the same value (1.0 A).

» **Operating voltage (90 to 265 V):** we recommend the use of cable with gauge ≤ 18 AMG (1mm)

Connect the corresponding terminal to the Ground of your electrical installation. If your installation is not grounded, install a grounding rod and connect the terminal to it.

Attention: it is very important that you ground your center so that it has better protection against lightning and overloading by the power grid. If you do not make this connection, the center will work normally but will be unprotected against overloads. The warranty does not cover possible damage caused by overloads even with grounding.

5.4. Zones



The center has 4 zones, 01 to 04, for the installation of wired sensors. If you do not use these zones, you must leave the jumpers JP1 to JP4, located above the zone terminals, closed with the rod found in the Accessory Set, or the corresponding zones need to be disabled through the programming mode.

The center has 4 zones (01 to 04) for the installation of wired sensors. If not used, the jumpers (JP1 to JP4) located above the zone terminals must be closed with the rods found in the accessory set or the corresponding zones must be disabled through the programming menu.

The connection of the wired sensors in the alarm center zones must be made using 4x26 AWG (0.41 mm) cable or higher, with a maximum length of 100 meters and resistance of up to 40 Ω .

These terminals are divided into groups of three terminals, being the common (COM, in the middle) and input for the zones (Z1, Z2, Z3 and Z4, on the sides) as illustrated in the previous image. For example, in the first terminal block we have Z1 (Zone 1), COM (Common), and Z2 (Zone 2).

Note: the jumpers (pin bar) for closing the zones are found in the accessories package located inside the alarm center.

5.5. Auxiliary (-AUX+)



This output is used to power accessories, such as infrared sensors. It is recommended to use cable with gauge ≤ 26 AWG (0.41 mm).

Attention: when making the connection, observe the polarity (+/-).

Maximum output:

- » **Tension:** 14,5 Vdc;
- » **Current:** 500 mA.

5.6. PGM

This output can be triggered by several programmed events.

Acts as a Normally Open Contact (NO), and can work in the modes of operation:

- » On/Off;
- » Pulse;
- » Timed;
- » Siren mirror.

Obs: to learn about all the actuation possibilities, see topic 7.7. PGM output.

The negative (-) of the device that will be actuated must be connected to the PGM output of the center and the positive (+) of the device must be connected to the AUX + output of the center.

Attention:

Maximum output:

- » **Tension:** 13 Vdc;
- » **Current:** 50 mA.

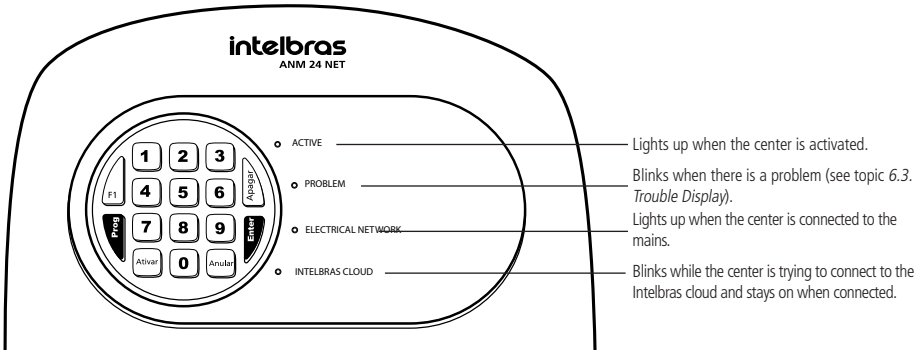
If you are going to use a device that requires a higher current or voltage, you need to use a relay. Here are two examples of PGM output wiring.

6. Operation

Once you have finished installing the center and its accessories, connect it first to the mains then to the battery, and then close the cover.

6.1. Description of the LEDs on the center's cover

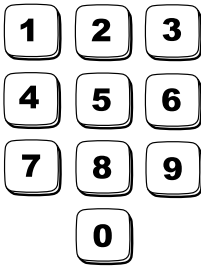
After power is turned on, the LEDs' state should be as follows:



6.2. Zone Status Display

The center will only indicate the status of zones 1 to 10 by the numeric keys 1 to 0. Each numeric key corresponds to a zone, as explained in the table below:

- » **Lighted key**: open zone.
- » **Unlit key**: closed zone.
- » **Blinking key**: triggered zone.



Keys	Zones	Keys	Zones
1	Zone 1	6	Zone 6
2	Zone 2	7	Zone 7
3	Zone 3	8	Zone 8
4	Zone 4	9	Zone 9
5	Zone 5	0	Zone 10

Note: to remove the zone-tripping status, press the Erase key or activate the center.

The status of zones 11 to 24 can only be viewed through the following applications: AMT Mobile V3 and AMT Remoto Mobile.

6.3. Trouble Display

If a problem is detected (blinking Problem LED), press the F1 key once on the alarm center keypad. After pressing the F1 key, the numeric key corresponding to the problem will be lit, as shown in the table below. The problems will be displayed for 1 minute. To cancel before the time, press the *Cancel* key.

Keys	Problems
1	Power grid failure
2	Supervision failure
3	Low battery on wireless sensors

Note: » *The indication of the zone where the sensor is failing to supervise will be indicated only through notification by the AMT Mobile V3 application.*
» *The indication of the zone where the sensor is low on battery will only be indicated by the AMT Mobile V3 application. However, it is also possible to identify the sensor that is low on the battery through programming. See topic 7.16. Wireless sensors low battery test.*

6.4. Removing trouble signal (low battery of wireless sensors and supervision failure)

The center will remove the low battery or supervision failure indication from the wireless sensor(s) automatically as soon as the problem is solved, as described below:

- » **Low Battery:** if the low battery problem is identified in a zone by key 3, see topic 6.3. *Trouble Display*, the indication will be removed as soon as the sensor battery is replaced and the center receives a new transmission from the sensor that caused the problem.
- » **Supervision failure:** if the supervision failure problem is identified in a zone by key 2, see topic 6.3. *Trouble Display*, the indication will be removed when the center receives a new transmission from the sensor that caused the problem.

If a wireless sensor is permanently removed, the trouble indication will not be removed, because the fault has not been solved. To remove the problem indication manually, keep the key that corresponds to the problem (key 2 or key 3 lit) pressed for 3 seconds.

6.5. Activation and deactivation

- » **Full Activation:** the alarm center can be fully activated by:
 - » User password with full permission;
 - » Remote control button configured with full activation permission;
 - » Wired or wireless zone configured as power-on input;
 - » AMT Mobile V3 and AMT Remoto Mobile Application.
- » **Partial activation:** the alarm center can be partially activated by:
 - » User password with partial permission;
 - » Remote control button configured with partial activation permission;
 - » AMT Mobile V3 and AMT Remoto Mobile Applications.
- » **Activation only:** the alarm center can be activated by the Activate key when the activation function is enabled by a key.
- » **Complete deactivation:** the alarm center can be completely deactivated by:
 - » User password;
 - » Configured remote control button;
 - » AMT Mobile V3 and AMT Remoto Mobile Applications.

Attention: deactivation can be performed regardless of the user's permission (full or partial).

- Note:** » On activation, the Siren will emit 1 beep and the Enabled LED turns on. On deactivation, the siren will emit 2 beeps and the Enabled LED will turn off. If you wish to disable this function see 7.10. Enable or disable siren beep (enable/disable).
- » If the center is activated with partial activation permission and is activated with full permission, the partial zones will be activated.
 - » For remote control registration with permissions, see topic Remote control registration by user permission.
 - » To configure a Zone to act as a Power On Input, see topic Programming zone functions.
 - » If you made a mistake when entering the password at the center's activation, press the Cancel key and enter it again.

6.6. Activation and deactivation by remote control

The remote control must be programmed. See topics: *Remote control registration by the Learn Control button* or *Remote control registration by user permission*. After registering, press the button on the remote control to activate or deactivate the center.

6.7. AMT Mobile V3 and AMT Remoto Mobile Applications

The ANM 24 Net alarm center offers the possibility to connect to the AMT Mobile V3 and AMT Remoto Mobile applications. To use the applications, your center must be connected to the Internet with a network cable. The applications can be found in your device's application store (Android® or iOS).

- Note:** » To access the center through the AMT Mobile V3 and AMT Remoto Mobile applications, you must use the master password.
- » When accessing the center through the AMT Remoto Mobile application, the LEDs: Enabled, Trouble, Power Network, and Intelbras Cloud will blink and the keypad will be locked.
 - » Use AMT Remoto Mobile to make sure the application is on the latest version of the center, so you can keep up with product improvements.

Table with the notifications that can be sent to the AMT Mobile V3 application:

Notifications	Description
Activation by remote control	User activation by remote control (master, user 01 to 29)
Deactivation by remote control	User deactivation by remote control (master, user 01 to 29)
Activation by password	User activation (master, user 01 to 29)
Deactivation by password	User deactivation (master, user 01 to 29)
Activation by application	User activation by the AMT Mobile V3 application (master, user 01 to 29)
Deactivation by application	Deactivation of the user by the AMT Mobile V3 application (master, user 01 to 29)
Activation by the Power on input	Master user activation
Deactivation by Power On Input	Master user deactivation
Activation by a key	Activation by a master key
	Master auto activation
Zone trigger	Zone trigger (ZONE 01 to 24)
Restore Zone trigger	Restore zone trigger (ZONE 01 to 24)
Zone trigger 24h	Zone trigger 24h (Zone 01 to 24)
Restore 24h zone trigger	Restore zone trigger 24h (Zone 01 to 24)
Electric fence trigger	Electric fence trigger ZONE (01 to 29)
Electric fence trigger reset	Restore electric fence trigger ZONE (01 to 29)
Smart supervision failure	Smart supervision failure ZONE (05 to 24)
Restore smart supervision failure	Restore smart supervision failure ZONE (05 to 24)
Power grid failure	Power grid failure
Restore power grid failure	Restore power grid failure
Wireless sensor low battery	Wireless sensor low battery ZONE (05 to 24)
Restore Wireless sensor low battery	Restore Wireless sensor low battery ZONE (05 to 24)
Medical emergency by remote control	Medical emergency (master, user 01 to 29)
Audible panic (application or remote control)	Audible or silent panic (master, user 01 to 29)
Silent Panic (application or remote control)	Silent Panic (master, user 01 to 29)
Periodic testing	Periodic testing
Doorbell zone	Doorbell Ring

6.8. Message editing by the AMT Remoto Mobile application

The names of the users, the Zones and the alarm center can be edited through the AMT Remoto Mobile application (under Message Settings within Center Configuration)

6.9. Permissions for user passwords

The ANM 24 Net has 29 passwords for secondary users that can be programmed via AMT Remoto Mobile. These passwords can be given one or more permissions, as follows:

- » **Permissions via the AMT Mobile V3 application:** allows you to access the center through the AMT Mobile V3 application and through it have the permissions:
 - » Full Activation;
 - » Partial activation;
 - » PGM activation/deactivation;
 - » Audible panic (emergency);
 - » Silent Panic (Silent emergency).
- » **Permissions via the center's keyboard:** allows only:
 - » Full Activation;
 - » Partial activation.

Note: *the users' passwords do not have permission to access the center via the AMT Remoto Mobile application and also do not allow entering the programming mode via the center's keyboard.*

7. Programming

To program the alarm center it is necessary to enter the programming mode using the 4-digit master password, indicated on the QR-Code label on the inside of the alarm center's cover.

This password is randomly pre-configured and can be changed.

Attention: » Change your password, for added security, preventing unauthorized persons from changing the alarm center settings. See topic 7.3. *Change the master password* or change it through the AMT Remoto Mobile application.

- » To change any of the center's programming parameters using the keyboard, you must enter programming mode using the master password.

Note: *in case of a programming reset or general reset, the master password will return to the factory default value: 1234.*

7.1. Enter programming mode

To enter programming mode, press:

Prog + Master Password

Enter the Master Password, five quick beeps will sound, and the Enabled, Trouble, Electrical Network, and Intelbras Cloud LEDs will blink.

Note: *if you wish to cancel the entering of a programming sequence before finishing it, press the Cancel key and enter it again. If the keypad is left for 1 minute without receiving any programming sequence the center will exit the programming mode.*

7.2. Exit programming mode

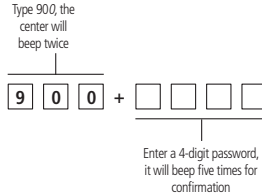
To exit programming mode, you have two options:

- » Press *PROG + MASTER PASSWORD*;
- » Press the Cancel key for 3 seconds.

Note: there is no need to exit programming mode if you want to execute a new command.

7.3. Change the master password

Enter programming mode, type:



7.4. Wireless device registration

Wireless devices can be registered by:

- » Learn Control and Learn Sensor buttons;
- » Programming mode;
- » AMT Remoto Mobile Application.

Note: To register wireless devices via the Learn Control and Learn Sensor buttons, it is not necessary to go into programming mode. However, you can disable this functionality via the programming menu. The function of the Learn Control and Learn Sensor buttons is already enabled by default.

Attention: it is advisable to register wireless devices near the center, before installing the system. Wireless technology when exposed to environments with high power radiation can suffer interference and have its performance impaired, for example, places near TV towers, AM/FM radio stations, amateur radio stations, etc.

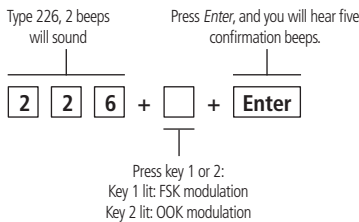
Select OOK (unsupervised device) or FSK (supervised device) modulation

The center has a receiver integrated into the board that can be programmed to work in OOK (unsupervised device) or FSK (supervised device) modulation).

Note: FSK modulation is a feature that the ANM 24 Net center has together with all Intelbras Smart line sensors. With FSK modulation enabled it is possible to supervise these sensors, where each sensor will send a test signal to the center indicating whether it is open or closed.

Factory Default: OOK Modulation (Key 2 is lit).

Enter programming mode and type:

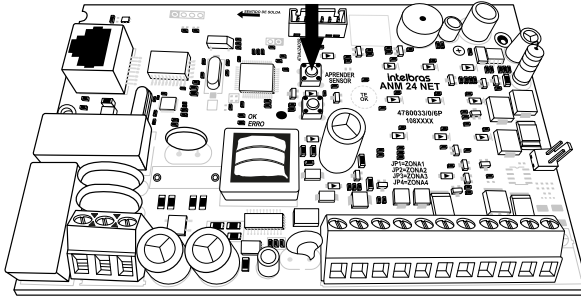


Wireless Sensor

The ANM 24 NET center has 20 zones (05 to 24) for wireless sensors. These zones are automatically enabled after the sensor is registered. It is not possible to register more than one sensor in the same zone.

Wireless sensor registration via the Learn Sensor button

The alarm center's board has a button labeled Learn Sensor, as shown in the following figure:



The registration of the sensors is stored sequentially, starting with Zone 05 and ending with Zone 24. If any Zone is already occupied with a registered sensor, this Zone will be disregarded and the sensor will belong to the next free Zone.

Example: If there is a sensor already registered in Zone 05, the next sensor will belong to Zone 06. To register the sensor follow the procedure:

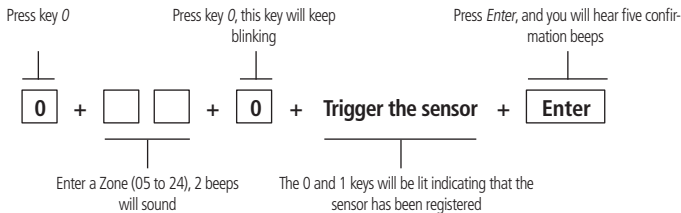
1. Open the center;
2. Press the Learn Sensor button, the green and red LEDs will blink, waiting for the sensor to be triggered;
3. Activate the wireless sensor, the green LED will be on for 3 seconds and a few quick beeps will be emitted to indicate that the center has done the registration;
4. Make sure that the wireless sensor has been properly registered by performing a sensor test through the programming menu, or activating the center and simulating a trip with the registered sensor. See topic 7.15. *Wireless sensors test*.

Note: to register more sensors, repeat steps 2 and 3.

Attention: for added security, after registering the wireless sensors, disable the Learn Sensor button via the programming menu. See topic 7.12. *Enable or Disable Learn Control and Learn Sensor Buttons*.

Wireless sensor registration through programming mode

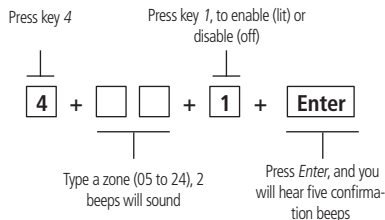
Enter programming mode and type:



ANM 24 NET

If this feature is enabled, that is, if key 1 is lit, the wireless sensor will send a tamper trip to the alarm center if it is violated through its front cover. To disable this feature, press the 1 key, so that the key is off. To complete the configuration process, press *Enter*. If you have entered the tamper setup command and want to cancel the operation, just press *Cancel*.

Note: The Zones that can be configured with this function are 05 to 24. And they can be programmed according to the command below.



Remote Control

The alarm center is compatible with XAC 4000 Smart Control remote controls, which have 3 independent buttons, and Control - 4T, which has 4 independent buttons. Both models have a modern design and are powered by a single 3 V button-type battery.

Technical Specifications

Model	XAC 4000 Smart Control	CONTROL-4T
Actuation	3 command buttons	4 command buttons
Frequency	433,92 MHz	433,92 MHz
Modulation	FSK/OOK	FSK/OOK
Power supply	3 Vdc CR2032 Battery	3 Vdc CR2032 Battery
Color	Black	Black
ANATEL Certification	0408-12-0160	06079-20-00160

The above equipment operates on a secondary basis, i.e. it is not entitled to protection against harmful interference, even from stations of the same type, and cannot cause interference to systems operating on a primary basis. For more information about the approved product access the site: <https://sistemas.anatel.gov.br/sch>.

Homologation



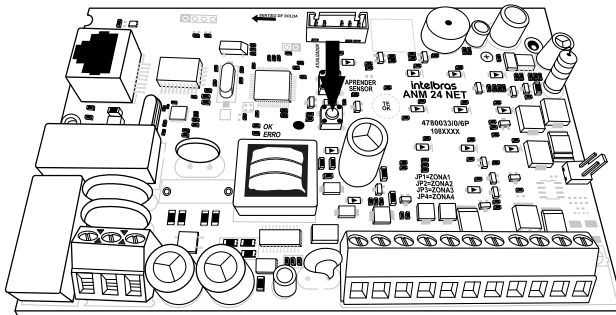
0408-12-0160

This equipment operates on a secondary basis, that is, it is not entitled to protection against harmful interference, even from stations of the same type, and cannot cause interference to systems, operating on a primary basis.

For more information, see the Anatel website: <https://www.gov.br/anatel/pt-br>.

Remote control registration via the Learn Control button

The center's board has a button labeled Learn Control, shown in the following figure.



Remote control registrations are stored sequentially, starting with user 00 and ending with User 29. If any user is already occupied, with a registered control button, it will be disregarded and the button will belong to the next free user.

Example: if there is a remote control button already registered in user 00, the next button will belong to user 01.

Note: these users will act as full activation.

To register a control button, follow the procedure:

1. Open the center's cover;
2. Press the Learn Control button, the green and red LEDs will be blinking, waiting for the remote control button to be pressed;

3. Actuate the remote control button, the green LED will be on for 3 seconds and five quick beeps will sound indicating that the center performed the registration;
4. Make sure that the remote control button has been properly registered by testing the remote control through the programming menu, or by turning the center on and off. See topic 7.17. *Remote controls test*.

Note: to register more controls, repeat steps 2 and 3.

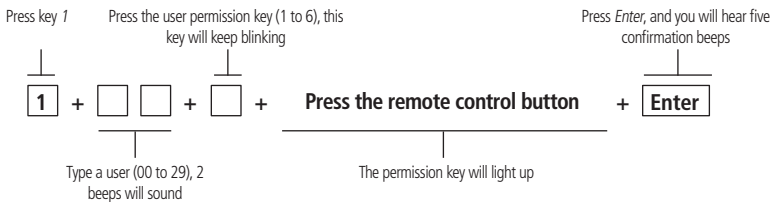
Attention: for added security, after registering the remote controls, disable the Learn Control button via the programming menu. See section 7.12. *Enabling or Disabling Learn Control and Learn Sensor Buttons*.

Remote control registration by user permission

The following table shows the permissions for the user:

Keys	Permissions for the user	Keys	Permissions for the user
1	Full Activation	4	Audible panic
2	Partial activation	5	Silent panic
3	Actuates PGM	6	Medical emergency

To register the remote control button, enter programming mode and type:



1. **Full Activation:** enables and disables all zones in the center, including zones configured as partial.
2. **Partial activation:** when activating the center with this permission, the zones configured as partial will not be enabled.
3. **Actuates PGM:** enables/disables the PGM output when the remote control event is configured. This function is required to first program the PGM output, see topic 7.7. *PGM output*. Select the desired operating mode and event that drives PGM, 8 = Remote Control.
4. **Audible panic:** when the remote control button is pressed, the siren will go off and an audible or silent panic notification will be sent to the AMT Mobile V3 application.
5. **Silent panic:** when the remote control button is pressed, the siren will not go off and a silent panic notification will be sent to the AMT Mobile V3 application.
6. **Medical emergency:** when the remote control button is pressed, the siren will beep at intervals and a medical emergency notification will be sent to the AMT Mobile V3 application.

You can associate one or more permissions to the same user, but for each permission you must use a different control button, as in the following example:

To associate user 01 with permissions for full activation by the Power button, partial activation by button A, and PGM actuation by button B, after entering the user in the above command, follow the procedure:

1. Press key 1 on the center;
2. Press the remote control Power button. The 1 key will light up and the center will beep twice;
3. Press key 2 on the center, it will blink;
4. Press button A on the remote control. Button 2 on the center will light up.
5. Press key 3 on the center, it will blink.
6. Press button B on the remote control. The 3 key will light up;
7. Press Enter to end the command.

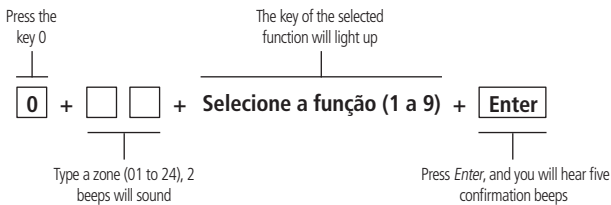
Programming zone functions

The following table shows the functions that can be associated with the zone:

Keys	Zone Functions	Keys	Zone Functions
1	Enable/Disable	6	Silent
2	Partial	7	Fence triggering
3	Timed	8	Doorbell
4	24 hours	9	Power on input
5	Intelligent		

To program the functions or enable/disable a zone, type the following command.

Enter programming mode and type:



- 1. Enable/Disable:** indicates whether the zone is enabled or disabled.

Note: wireless zones are automatically enabled after sensor registration.

- 2. Partial:** it is possible to select some zones to remain inactive when the center is activated. For example, you can leave the internal zones inactive by remote control button or password with partial activation permission, and also by partial activation via the application. Meanwhile, the external zones will remain active, allowing the circulation of people inside the monitored environment without the alarm going off.

Note: the function is valid when the zone is enabled with the partial activation function, found in the zone's function table, and in conjunction with the remote control button registered with partial activation permission, found in the user permission table by the topic Remote control registration by user permission, or with the user passwords created with partial activation permission by the AMT Remoto Mobile application.

- 3. Timed:** defines which zones will be affected by entry delay. When the center is enabled and a timed zone is opened, the entry timer will start. If the system is not deactivated before the timer runs out, the center will trip.

Note: if the center is triggered, the timed zone becomes immediate.

- 4. 24 hours:** allows you to select which zones should remain active 24 hours a day, even when the alarm center is inactive.

- 5. Intelligent:** This function modifies the Zone actuation logic and is used to decrease the possibility of false tripping. In this mode of operation is enabled in a given Zone, tripping will only occur under the following conditions:

- » If there are two openings in the same intelligent zone, within the period programmed in the intelligent zone timing configuration.
- » If there is an opening in an intelligent zone after the triggering of any other zone of the alarm center.
- » If there is an opening in one intelligent zone and then an opening in any other zone, both zones will be triggered.
- » If there is an opening in an intelligent zone and it remains open for the time programmed in the intelligent zone timer.

Note: » To set the time period, see the Intelligent Zone Time item in the topic 7.5. Time Programming.

- » This function does not apply to wireless zones.

- 6. Silent:** if there is a trip in a zone configured in silent mode, the siren will not be triggered, but a silent trip notification is sent to the AMT Mobile V3 application.
- 7. Fence triggering:** this function is used when you want to interconnect an electric fence to an alarm center zone and want to receive a specific notification when the fence is violated. The zone remains activated 24 hours a day, even when the system is deactivated. When a trip occurs in this zone, the center will send an electric fence trip notification to the AMT Mobile V3 Application.
- 8. Doorbell:** When there is a doorbell function zone activation, the center will send a doorbell tone notification to the AMT Mobile V3 application. The zone remains activated 24 hours a day, even when the system is deactivated.
- 9. Power on input:** This function allows you to program a zone to activate or deactivate the center, you can use wired or wireless zones. For this function it is advisable to use a device that acts by pulse interconnected to the zone.

Allowed Combinations in wired Zones (01 to 04)

Each zone can be assigned one or more of the functions listed in the Zone Functions table, as explained below:

1st option – Partial	2nd option – Timed
Partial Only	Timed Only
Partial and Silent	Timed and Partial
Partial and Intelligent	Timed and Intelligent
Partial, Timed and Silent	Timed, Silent, Partial and Intelligent
3rd Option – 24 hours	4th Option – Intelligent
24 Hours Only	Intelligent Only
24 Hours and Silent	Intelligent and Silent
24 Hours and Intelligent	Intelligent, Timed and Silent
5th Option – Silent	6th Option – Fence triggering
Silent only	Fence triggering Only
Silent and Timed	Fence triggering and Silent
7th option – Doorbell	8th option – Power on input
Doorbell Only	Power on input Only

1st option – Partial

- » **Partial and Silent Zone:** when the center is activated with the partial activation permission, the zones configured with this combination will become inactive. When the center is enabled with full activation permission, and the zone is opened, silent tripping will occur.
- » **Partial and Intelligent Zone:** when the center is activated with the partial activation permission, the zones configured with this combination will become inactive. When the center is activated with the full activation permission, and the zone is opened, tripping will occur respecting the Intelligent Zone function.
- » **Partial, Timed and Silent Zone:** when the center is activated with the partial activation permission, the zones configured with this combination will become inactive. When the center is activated with the full activation permission, and the zone is opened, silent tripping will occur after the entry delay.

2nd Option - Timed

- » **Timed and Partial Zone:** when the center is activated with the partial activation permission, the zones configured with this combination will become inactive. When the center is activated with the full activation permission, and the zone is opened, silent tripping will occur after the entry delay.
- » **Timed and Intelligent Zone:** when the center is activated, and the zone is opened, tripping will occur after the entry delay respecting the Intelligent Zone function.
- » **Timed, Silent, Partial and Intelligent Zone:** when the center is activated with the partial activation permission, the zones configured with this combination will become inactive. When the center is activated with the full activation permission, and the zone is opened, silent tripping will occur after the entry delay respecting the Intelligent Zone function.

3rd Option – 24 hours

- » **24 hours and Silent Zone:** when the zone is opened, with this combination, silent tripping will occur even when the center is deactivated.
- » **24 hours and Intelligent Zone:** when the zone is opened, with this combination the tripping will occur even when the center is deactivated respecting the Intelligent Zone function.

4th Option – Intelligent

- » **Intelligent and Silent Zone:** when the zone is opened, with this combination, silent tripping will occur respecting the Intelligent Zone function.
- » **Intelligent, Timed and Silent Zone:** when the zone is opened, with this combination, silent tripping will occur, after the entry delay, respecting the Intelligent Zone function.

5th Option – Silent

- » **Silent and Timed Zone:** when the zone is opened, with this combination, silent tripping will occur after the entry delay.

6th Option – Fence triggering

- » **Silent and Fence Trigger Zone:** when the zone is opened, with this combination, silent tripping will occur and an electric fence trip notification will be sent to the AMT Mobile V3 application, even when the center is deactivated.

Allowed combinations in wireless Zones (05 to 24)

Each zone can be assigned one or more of the functions listed in the Zone Functions table, as explained below:

1st option – Partial	2nd option – Timed
Partial Only	Timed Only
Partial and Timed	Timed and Silent
Partial and Silent	Timed, Silent and Partial
3rd Option – 24 hours	4th Option – Silent
24 Hours Only	Silent only
24 Hours and Silent	Silent and Fence triggering
5th Option – Fence triggering	6th option – Doorbell
Fence triggering Only	Doorbell Only
7th option – Power on input	
Power on input Only	

1st Option - Partial

- » **Partial and Timed Zone:** when the center is activated with the partial activation permission, the zones configured with this combination will become inactive. When the center is activated with the full activation permission, and the zone is opened, there will be a trip after the entry delay.
- » **Partial and Silent Zone:** when the center is activated with the partial activation permission, the zones configured with this combination will become inactive. When the center is activated with the full activation permission and the zone is opened, there will be a silent trip.

2nd Option – Timed

- » **Timed and Silent Zone:** when the zone is opened, with this combination, silent tripping will occur after the entry delay.
- » **Timed, Silent, Partial Zone:** when the center is activated with the partial activation permission, the zones configured with this combination will become inactive. When the center is activated with the full activation permission and the zone is opened, silent tripping will occur after the entry delay.

3rd Option – 24 hours

- » **24 hours and Silent Zone:** when the zone is opened, with this combination, silent tripping will occur even when the center is deactivated.

4th Option – Silent

- » **Silent and Fence triggering Zone:** when the zone is opened, with this combination, silent tripping will occur and an electric fence trip notification will be sent to the AMT Mobile V3 application, even when the center is deactivated.

Note: any option other than the above, the center will reject with an error beep.

7.5. Time Programming

Entry timing

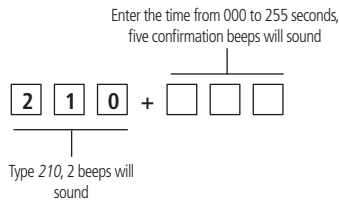
It is used when you wish to have time to enter the protected area and deactivate the center before the siren is triggered. If any sensor associated with the timed zone is triggered, the center memorizes the violation and waits for the programmed time to trigger the siren. If not deactivated during this entry period, the siren will be triggered even if the sensor has returned to normal.

The entry delay is valid for zones that are configured as timed. See the Zone functions table under *Programming zone functions*.

If the time 000 is programmed, the entry time will be disabled.

With the entry delay programmed and the alarm center activated, after the violation of the sensor associated with a timed zone, beeps will be emitted at 1-second intervals, and in the last 5 seconds of the timer, the beeps will be faster indicating that the timer is almost over.

Enter programming mode and type:



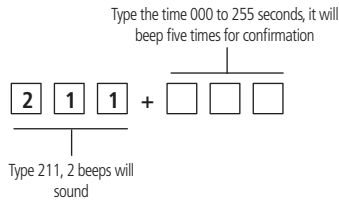
Factory default: 30 seconds.

Exit timing

It is used when you want to activate the center using the master password or the *Activate* key because it is the time to leave the premises before the center activates. All zones are affected by this timer, except zones configured as 24 hours.

With the exit timer programmed, when the center is activated, it will beep every 1 second and in the last 5 seconds of the timer, it will beep faster indicating that the timer is ending.

Enter programming mode and type:

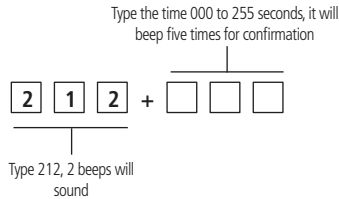


Factory default: 30 seconds.

Intelligent Zone Time

This timer acts together with zones that are configured as intelligent. See the table of zone functions in topic *Programming zone functions*. If time 000 is programmed it will deactivate the intelligent zone time.

Enter programming mode and type:



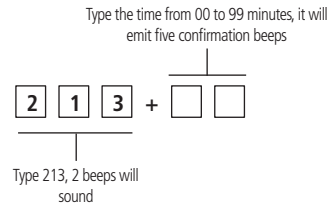
Factory Default: 10 seconds.

Auto-activation time on inactivity

This function activates the alarm center automatically after the programmed idle timeout, if all zones are closed (except zones configured as power on input).

For autoactivation due to inactivity, it is necessary to program the inactivity time. The allowed values are 01 to 99 minutes, according to the following command.

Enter programming mode and type:



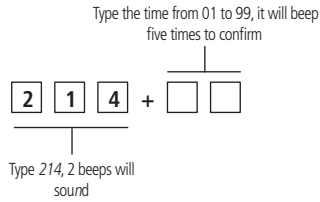
Note: if time 00 is set, the auto-activation will be deactivated. The inactivity time is the time the zones must remain closed for the auto-activation to occur. If a zone is opened within the programmed inactivity time, the time counting for the self-activation will be restarted.

Factory Default: 00 minutes.

Siren time

This is the time the siren is on after a violation occurs. If you program time 00 the center will beep an error.

Enter programming mode and type:

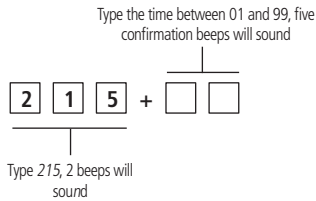


Factory Default: 05 minutes.

PGM Time

This is the time the PGM output will stay on when programmed by the timed programming mode. If you program time 00, the center will beep an error.

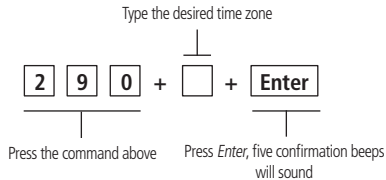
Enter programming mode and type:



Factory Default: 05 minutes.

7.6. Set the center's time zone

Enter programming mode and type:



The time zone is defined as follows:

- <0> GMT 0
- <1> GMT -1
- <2> GMT -2
- <3> GMT -3
- <4> GMT -4
- <5> GMT -5
- <6> GMT -6
- <7> GMT -7

Factory default: GMT -3 (key 3).

Example of use:

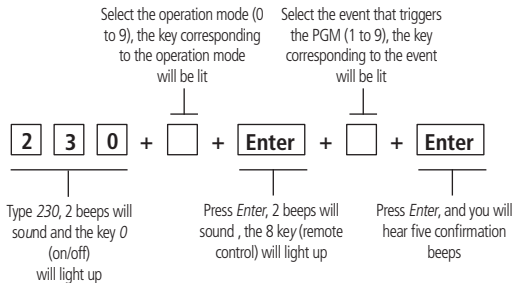
To select the time zone for Brazil, Brasilia time (GMT -3) press key 3, which will be lit, and then press *Enter* to confirm and save the setting. To change the setting, simply press the key corresponding to the desired time zone. The key corresponding to this new setting will light up, and after that, press *Enter* to confirm and save the setting.

If you have typed the command for setting the time zone and want to cancel the operation, just press *Cancel*.

7.7. PGM output

PGM is a programmable output that can be used to drive devices such as: electric locks, spotlights, auxiliary sirens, buzzers, etc.

Enter programming mode and type:



Factory Default

- » **Operation Mode:** 0;
- » **Event that triggers PGM:** 8.

The PGM output is activated whenever an event occurs that triggers the programmed PGM and can operate in the modes of operation mentioned below:

- » **0 = On/Off:** when an event occurs that triggers the PGM the output will turn on and only turn off when the event ceases.
Note: this mode of operation does not work together with the events of Audible Trigger, Silent Trigger, Audible Panic, and Silent Panic.
- » **1 to 7 = Pulse:** when an event occurs that triggers the PGM the output will turn on for the programmed pulse time and turn off regardless of whether the event has ceased or not.
Note: each pulse corresponds to 1 second.
- » **8 = Timed:** when a PGM-triggering event occurs the output will turn on for the programmed PGM time and turn off regardless of whether the event has ceased or not.
- » **9 = Siren mirror:** the PGM will have the behavior of a siren output. Be it activation/deactivation beep, audible zone trip, audible panic and medical emergency.
Note: this operating mode works only together with the siren's Mirror event.

Events that trigger the PGM:

- » **1 = System activation:** turns the PGM output on when the alarm center is activated and off when it is deactivated.
- » **2 = System deactivation:** turns the PGM output on when the alarm center is deactivated and off when it is activated.
- » **3 = Audible Trigger:** turns the PGM output on when there is a trigger from any audible zone.
Note: this event does not work together with the On/Off operating mode.
- » **4 = Silent Triggering:** turns the PGM output on when triggering of any silent zone occurs.
Note: this event does not work together with the On/Off operating mode.
- » **5 = Audible panic:** turns the PGM output on when there is an audible panic activation from the remote control.
Note: this event does not work together with the On/Off operating mode.

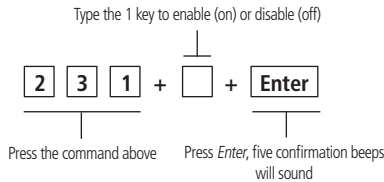
- » **6 = Silent panic:** turns on the PGM output, when a silent panic trigger occurs from the remote control.
Note: *this event does not work together with the On/Off operating mode.*
- » **7 = Zone 01 Opening:** turns the PGM output on when there is an opening in zone 01. For example: program the PGM output as pulse and connect a buzzer or a bell to make a presence announcer.
- » **8 = Remote Control:** turns the PGM output on and off whenever a remote control button programmed with Actuate PGM permission is pressed. For remote control registration for this function, see the *Remote control registration by user permission* table.
Note: *the center will only accept its registration with Actuate PGM permission after enabling the event that actuates PGM by remote control.*
- » **9 = Siren mirror:** the PGM will have the behavior of a siren output. Be it activation/deactivation beep, audible zone trip, audible panic or medical emergency.
Note: *this operating mode works only together with the siren's Mirror event.*

7.8. Enable or disable PGM event reporting

If this function is enabled, that is, with the 1 key lit, the center will send a PGM event notification to the application every time there is a change in the PGM status. To disable this feature, simply press the 1 key, so that the key is turned off. To finish, press *Enter*.

If you have typed the PGM event report setup command and want to cancel the operation, just press *Cancel*.

Enter programming mode and type:

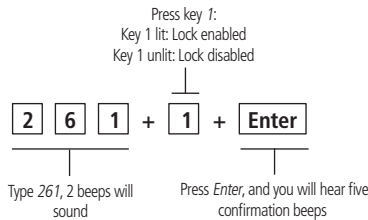


Factory Default: Disabled.

7.9. Remote control lock

This command blocks all remote controls.

Enter mode and type in:



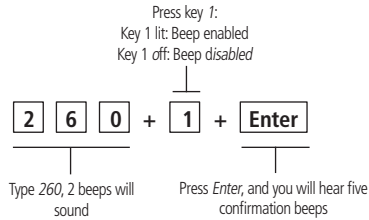
Factory Default: Disabled.

This command blocks all remote controls.

7.10. Enable or disable siren beep (enable/disable)

On activation the siren will beep once, and on deactivation it will beep twice.

Enter programming mode and type:



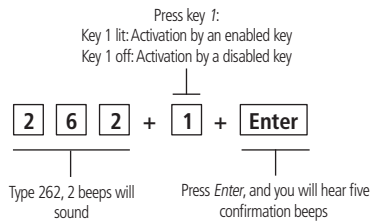
Factory Default: Enabled.

On the activation of the center, the siren will emit 1 beep and on deactivation it will emit 2 beeps.

7.11. Enable or disable activation by a key

If the one-key activation function is enabled, press and hold the Activate key for 3 seconds to activate the center in full mode. The timer will start and at the end of the exit timer, if no zone is open, the center will activate. Otherwise, it will trip to signal that zone(s) are open.

Enter programming mode and type:



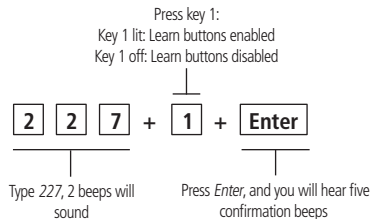
Note: this procedure does not allow you to deactivate the system.

Factory Default: Disabled.

7.12. Enable or disable buttons: Learn Control and Learn Sensor

This function locks the Learn Control and Learn Sensor buttons, allowing you to register wireless devices only through programming mode or the application AMT Remoto Mobile.

Enter programming mode and type:



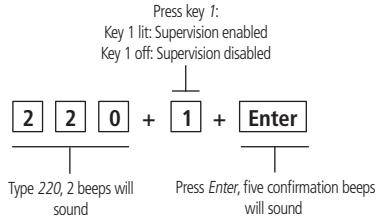
Factory Default: Enabled.

7.13. Enable or disable Smart system (supervision)

The smart function is a feature that the ANM 24 Net center has together with all Intelbras Smart line sensors using FSK modulation-supervised devices.

With the function enabled it is possible to supervise these sensors, where each one will send a test signal to the center, indicating its status (open or closed). If the center does not receive this test signal within 180 minutes, it will send a supervision failure notification to the AMT Mobile V3 and AMT Remoto Mobile applications.

Enter programming mode and type:



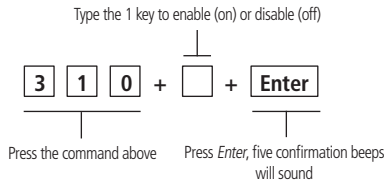
Note: The ANM 24 Net has the Smart Supervision function, but only the Supervision Failure notification is sent. Thus, the alarm is not triggered.

Factory Default: Disabled.

7.14. Enable or disable real-time event reporting

If this function is enabled, that is, with the 1 key lit, the center will send notifications of the events of activation/deactivation, trip/restore, and PGM to the application every time there is a change in the state of the center. To disable this feature press the 1 key, so that the key is off. To finish, press Enter to confirm and save the configuration. If you have typed the command to configure the real-time event reporting and want to cancel the operation, just press Cancel.

Enter programming mode and type:

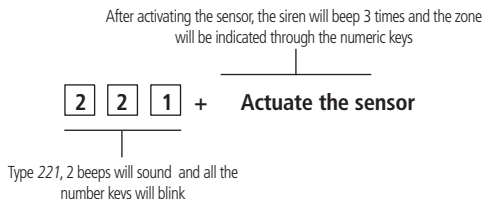


Factory Default: Disabled.

7.15. Wireless sensors test

It is used to facilitate the testing of sensors during installation. The zone of the sensor that will be tested will be displayed on the numeric keys on the keypad on the center's cover. Example: after activating the sensor in zone 05, the siren will beep 3 times and the key 0 will light up and turn off, and then the key 5 will light up and turn off.

Enter programming mode and type:

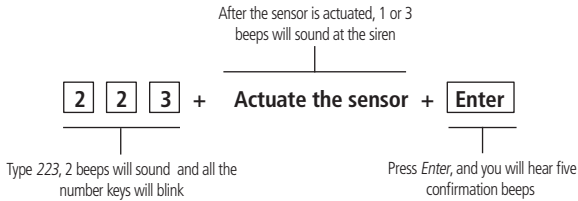


7.16. Wireless sensors low battery test

It is used to test the battery status of wireless sensors. When enabled, every time a wireless sensor is actuated, the siren will indicate the battery status by an audible signal. As described below:

- » **Battery OK:** it will emit 1 short beep.
- » **Low Battery:** it will emit 3 short beeps.

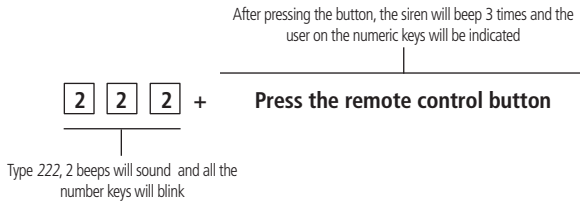
Enter programming mode and type:



7.17. Remote controls test

It is used to facilitate the testing of controls during installation. The user of the control button to be tested is displayed on the numeric keys on the center's cover. Example, after pressing the remote control button on user 01 you will hear 3 beeps at the siren and it will light up and turn off key 0, then turn on key 1.

Enter programming mode and type:

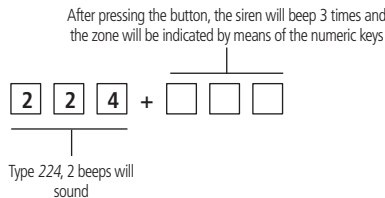


7.18. Periodic test by time interval

It is used to check the integrity of the communication channel between the center and the application. When programmed it will send a *Periodic Test* notification to the application at the programmed time.

If the application does not receive this notification in the programmed period, the communication channel can be considered inoperative. The periodic test is sent at programmable time intervals from 001 to 255 hours, i.e., if it is programmed every 1 hour it will send the *Periodic testing* notification to the application.

Enter programming mode and type:



Note: the periodic test starts counting the time from the moment the periodic test is configured, that is, after configuring the time interval of the periodic test, the system will assign the current time of the center as the starting time of the test. If there is a power failure and the center shuts down, this time will be changed to the new time that is assigned to the center after normalizing the system, and consequently, it will be the starting time of the test.

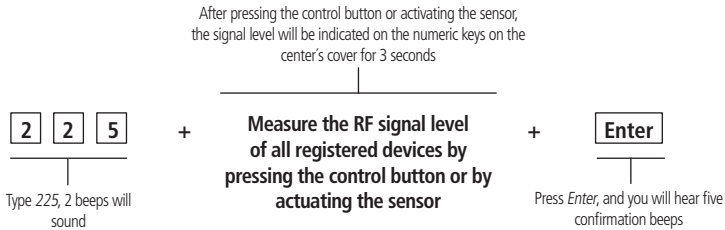
To cancel this function program the time to 000.

Factory Default: 000 (Disabled).

7.19. Measure the signal strength level of the wireless device (only for supervised devices - FSK modulation)

With this function enabled, it is possible to measure the RF signal level of the sensors and controls registered in the center. Whenever you press the control button or actuate the sensor, the signal level will be displayed on the numeric keys from 1 to 0 of the alarm center, where one filled key represents 10%, 10 filled keys (1 to 0) represent 100%, and all empty keys represent 0%.

Enter programming mode and type:

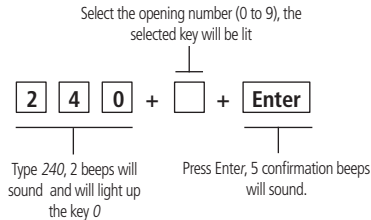


Note: for proper operation, RF signal strength must be at least 50%.

7.20. Automatic zone opening cancellation

This function temporarily cancels a zone if it opens the programmed number of times within the same activation. For example: with the opening number programmed to 4, the fourth time that an opening occurs in the same zone during the same activation, the corresponding zone will be canceled. When the system is deactivated, the zone will return to its normal operation.

Enter programming mode and type:

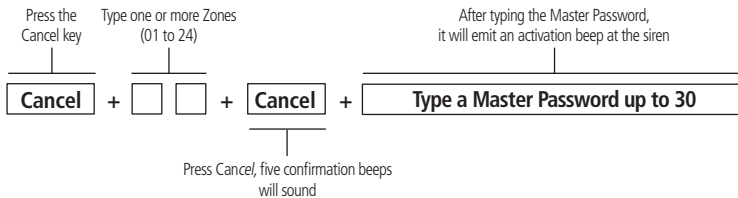


Factory Default: opening number = 0.

7.21. Temporary zone bypass

Allows the temporary cancellation of one or more zones. This procedure should be performed no later than 30 seconds before the system is activated. After being deactivated, the zones that were bypassed will return to their normal operation.

With the center deactivated and out of programming mode, follow the following procedure:



Allows the temporary bypassing of one or more zones. This procedure should be performed no more than 30 seconds before the system is activated. After being deactivated, the zones that were bypassed will return to their normal operation.

7.22. Ethernet Settings

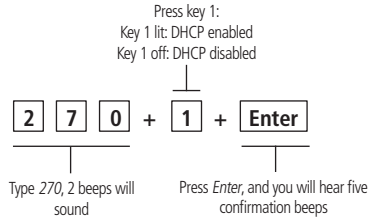
The following options configure the network properties in the alarm center, such as IP address, mask, gateway, etc. These settings enable the alarm center to connect to the cloud and transmit events to the AMT Mobile V3 application.

Note: to make these settings, the DHCP option must be disabled.

Enable or disable DHCP

With this mode enabled, the center will automatically obtain the IP address from a DHCP server. In this mode, the center will take a few seconds to connect to the Intelbras cloud. If there is no DHCP server online, the center will not be able to establish a connection.

Enter programming mode and type:



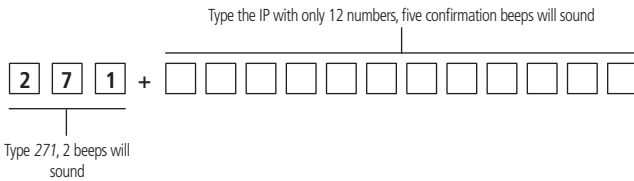
Note: ADSL modems, in their great majority, have the DHCP resource, to activate it consult your equipment's manual.

Factory Default: Enabled.

Local IP configuration

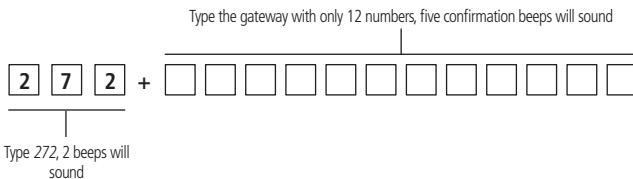
Local network IP address assigned to the center.

Enter programming mode and type:



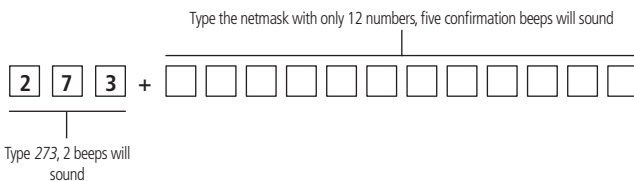
Gateway configuration

Enter programming mode and type:



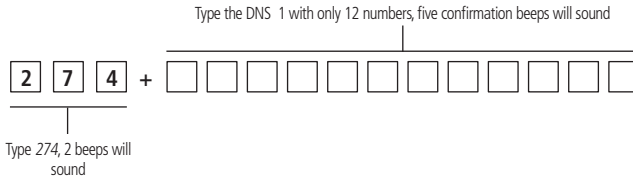
Netmask configuration

Enter programming mode and type:



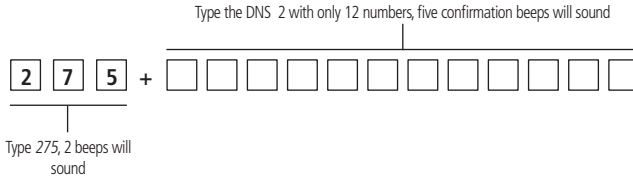
Primary DNS configuration (DNS 1)

Enter programming mode and type:



Secondary DNS configuration (DNS 2)

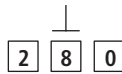
Enter programming mode and type:



7.23. View IP address

The center will display the IP address assigned to it. If the center has not acquired an IP address, it will turn all the keys on and off once and emit a long confirmation beep. Enter programming mode and type:

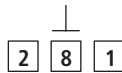
Press the command



7.24. View the alarm center's firmware version

Displays the current firmware version of the alarm center. Enter programming mode and type:

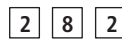
Press the command



Note: the firmware version consists of three digits (e.g. 6.1.0).

View generation of the alarm center model

Displays the generation of the alarm panel. Enter programming mode and type:



Note: the control panel generation consists of one digit (e.g.: key 2).

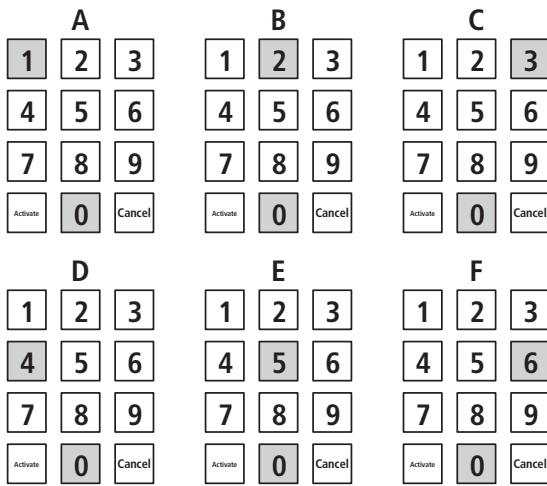
7.25. View MAC address

The center will display the MAC address assigned to it. Enter programming mode and type:

Press the command



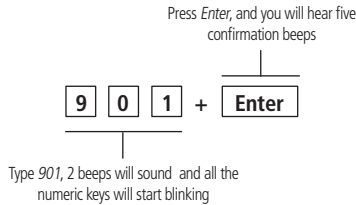
Note: the MAC address is composed of a set of six Bytes separated by a colon or hyphen, and each Byte is represented by two digits in hexadecimal form, for example: 44:3B:32:67:C8:6A. The letters of the MAC address will be represented on the center's keyboard by the keys, 10, 20, 30, 40, 50, and 60 respectively, as shown in the following figure:



7.26. Reset Types

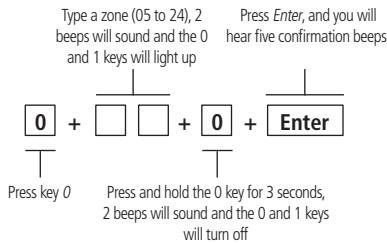
Programming Reset

Resetting by programming mode, erases all the settings made in the center, except for the wireless devices. Enter programming mode and type:



Wireless sensor reset by zone

Enter programming mode and type:



Wireless sensors general reset

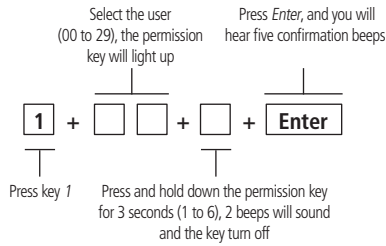
Press and hold the Learn Sensor button for 3 seconds. Five quick beeps will sound and the green LED will stay on for 3 seconds.

Remote control reset by user permission

Keys	Permissions for the user
1	Full Activation
2	Partial activation
3	Actuates PGM

Keys	Permissions for the user
4	Audible panic
5	Silent panic
6	Medical emergency

Enter programming mode and type:



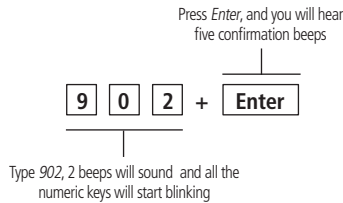
General reset of the remote controls

Press and hold the *Learn Control* button for 3 seconds. You will hear five quick beeps and the green LED will stay on for 3 seconds.

Wireless devices reset

This command erases all wireless sensors and all remote controls.

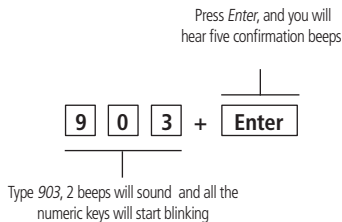
Enter programming mode and type:



Pending events reset

This command erases pending events from the center.

Enter programming mode and type:

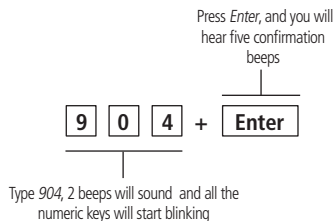


The center stores the last 128 generated events.

General reset

This command erases all settings made in the center, including wireless devices.

Enter programming mode and type:

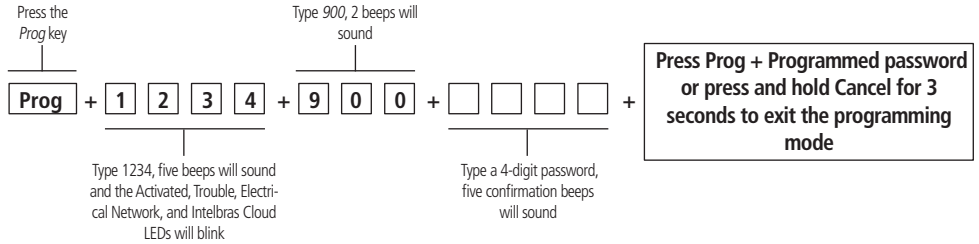


Temporary master password reset

If the master password is forgotten, it will not be possible to enter Programming Mode or Activate/Deactivate the center. If this occurs, perform a temporary reset of the master password.

To reset the master password, follow the procedure below:

1. Disconnect the center from the mains and battery;
2. Press and hold the Cancel key on the center's keypad, connect the mains or battery and wait 5 seconds with the Cancel key pressed;
3. After this time, the central will emit five confirmation beeps and within 30 seconds, type:



Note: after this procedure the password will be the one that was typed in the command above.

Temporary master password reset if the center is activated or tripped

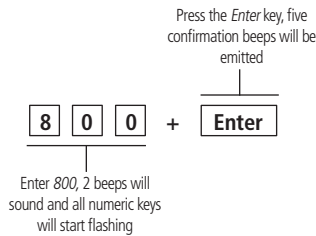
1. Disconnect the center from the mains and battery;
2. Press and hold the *Cancel* key on the center's keypad, connect the mains or battery and wait 5 seconds with the *Cancel* key pressed;
3. Press the 1, 2, 3 and 4 keys to deactivate the center;
4. Follow the temporary master password reset procedure. See topic *Temporary master password reset*.

Remote firmware update

This command performs the remote update of the alarm center firmware.

The update can be carried out in three ways:

1. Via programming menu
Enter programming mode and type:



Note: if there is an internet connection, the center will emit five quick beeps and start the update process automatically. Otherwise, a long error beep will be emitted and the control unit will wait again for a new programming command.

2. Via the AMT Remoto Mobile app:
Navigate to the update screen and if there is a version available, simply click the Update button for the process to begin.
3. Via hardware:
Turn off the power station, remove the battery, turn on the power station with the Learn Control key pressed for 10 seconds. If the operation is carried out correctly, the control unit will emit 5 quick beeps and automatically start the update process. If there is any problem during the update, the control panel will automatically redo the process until the alarm center is updated.

Note: when trying to perform the update using this mode, the control panel will return the network settings to the factory default (DHCP mode enabled).

8. Summary of the center's programming

Opening number				
Enter programming mode				
KEY	PASSWORD	RESULT		
Prog	Master password on the QR-Code tag	Changes any programming parameter of the center		
Exit programming mode				
KEY	PASSWORD	OBSERVATION		
Prog	4-digit master password	There is no need to exit programming mode to execute a new command.		
Exit programming mode by pressing Cancel				
KEY	PROCEDURE		OBSERVATION	
Cancel	Press and hold Cancel for 3 seconds		No need to exit programming mode to execute a next command	
Change the master password				
ADDRESS	PASSWORD		RESULT	
900	Type a 4-digit password		Changes any programming parameter, activates and deactivates the center and it is the password for access by the application AMT Mobile V3 and AMT Remoto Mobile	
Selecionar modulação (OOK ou FSK)				
ADDRESS	KEY	KEY	FACTORY DEFAULT	
226	1 Lit - FSK	Enter	Key 2 Lit - OOK	
	2 Lit - OOK			
Wireless sensor registration by the LEARN SENSOR button				
BUTTON	PROCEDURE			
LEARN SENSOR on the center's board	<ol style="list-style-type: none"> 1. Open the center's cover; 2. Press and release the button LEARN SENSOR, the green and red LEDs will keep blinking, waiting for the sensor to be triggered; 3. Actuate the wireless sensor, the green LED will be lit for 3 seconds and a few quick beeps will be emitted indicating that the center has accepted the registration; <p>Note: to register more sensors, repeat steps 2 and 3.</p>			
Remote control registration by LEARN CONTROL button				
BUTTON	PROCEDURE			
LEARN CONTROL on the center's board	<ol style="list-style-type: none"> 1. Open the center's cover; 2. Press and release the button LEARN CONTROL, the green and red LEDs will keep blinking, waiting for the remote control button to be pressed; 3. Press the remote control button, the green LED will be lit for 3 seconds and five quick beeps will be emitted indicating that the center performed the registration; <p>Note: to register more sensors, repeat steps 2 and 3.</p>			
Cadastro de sensor sem fio pelo Modo de Programação				
KEY	Zone	KEY	REGISTER THE SENSOR	KEY
0	05 to 24	0	Actuate the sensor	Enter
Programming of Zone Functions				
KEY	ZONE	FUNCTIONS	KEY	FACTORY DEFAULT
0	01 to 24	Key 1 - Enables or Disables the zone	Enter	Zone comum
		Key 2 - Partial		
		Key 3 - Timed		
		Key 4 - 24 Hours		
		Key 5 - Intelligent (somente para zonas com fio)		
		Key 6 - Silent		
		Key 7 - Fence Triggering		
		Key 8 - Doorbell		
		Key 9 - Power On Input		
Remote control registration by user permission				
KEY	USER	PERMISSIONS	REGISTER THE CONTROL	KEY
1	01 to 29	Key 1 - Full Activation	Press and release the remote control's button	Enter
		Key 2 - Partial activation		
		Key 3 - Actuates PGM		
		Key 4 - Audible panic		
		Key 5 - Silent panic		
		Key 6 - Medical emergency		

Time Programming					
Entry timing					
ADDRESS	TIME			FACTORY DEFAULT	
210	000 to 255 seconds			30 seconds	
Exit timing					
ADDRESS	TIME			FACTORY DEFAULT	
211	000 to 255 seconds			30 seconds	
Intelligent zone time					
ADDRESS	TIME			FACTORY DEFAULT	
212	000 to 255 seconds			10 seconds	
Inactivity Time					
ADDRESS	TIME			FACTORY DEFAULT	
213	00 to 99 minutes			0 minutes	
Siren time					
ADDRESS	TIME			FACTORY DEFAULT	
214	01 to 99 minutes			5 minutes	
PGM Time					
ADDRESS	TIME			FACTORY DEFAULT	
215	01 to 99 minutes			5 minutes	
Set the center's time zone					
ADDRESS	PROCEDURE				FACTORY DEFAULT
290	Enter programming mode and type: 290 + Time Zone (0 to 7) + Enter Choose the desired time zone setting, the time zone is set as follows: <0> GMT 0 <1> GMT -1 <2> GMT -2 <3> GMT -3 <4> GMT -4 <5> GMT -5 <6> GMT -6 <7> GMT -7				GMT -3 (key 3)
PGM output					
ADDRESS	OPERATION MODE	KEY	EVENT THAT TRIGGERS PGM	KEY	FACTORY DEFAULT
230	Key 0 - On / Off	ENTER	Key 1 - System Activation	Enter	Operation Mode: 0 - On/Off Event that triggers PGM: 8 - Remote Control
	Keys 1 to 7 - Pulse		Key 2 - System deactivation		
	Key 8 - Timed		Key 3 - Audible Trigger		
	Key 9 - Siren mirror		Key 4 - Silent Trigger		
			Key 5 - Audible panic		
	Key 6 - Silent panic				
		Key 7 - Opening of Zone 01			
		Key 8 - Remote Control			
		Key 9 - Siren mirror			
Enable or disable PGM event reporting					
ADDRESS	KEY	KEY	PROCEDURE	FACTORY DEFAULT	
231	1 Lit - activates PGM event notification 1 Off - disables PGM event notification	Enter	231 + type key 1 to Enable (on) or type key 1 to Disable (off) + Enter	Disabled	
Remote control lock					
ADDRESS	KEY		KEY	FACTORY DEFAULT	
261	1 Lit - Lock Enabled 1 Off - Lock Disabled		Enter	Key 1 off - Lock Disabled	
Enable or Disable siren beep (activation / deactivation)					
ADDRESS	KEY		KEY	FACTORY DEFAULT	
260	1 Lit - Beep Enabled 1 off - Beep Disabled		Enter	Key 1 lit - Beep Enabled	
Enable or Disable Activation by a key (by the Activate key)					
ADDRESS	KEY		KEY	FACTORY DEFAULT	
262	1 Lit - Activation by a key Enabled 1 off - Activation by a key Disabled		Enter	Key 1 Off - Activation by a key Disabled	

Enable or Disable LEARN buttons				
ADDRESS	KEY		KEY	FACTORY DEFAULT
227	1 Lit - Learn Buttons Enabled 1 Off - Learn Buttons Disabled		Enter	Key 1 lit - Learn Buttons Enabled
Enable or Disable Smart System (Supervision)				
ADDRESS	KEY		KEY	FACTORY DEFAULT
220	1 Lit - Supervision Enabled 1 Off - Supervision Disabled		Enter	Key 1 Off - Supervision Disabled
Enable or disable real-time event reporting				
ADDRESS	KEY	KEY	PROCEDURE	FACTORY DEFAULT
231	1 Lit - it will send notifications of Activation/Deactivation, Trip/Restore and PGM events 1 Off - disable this feature	Enter	231 + type key 1 to Enable (on) or type key 1 to Disable (off) + Enter	Disabled
Wireless sensors test				
ADDRESS	TEST THE REMOTE CONTROL		KEY	RESULT
221	Actuate the sensor		Enter	The siren will beep 3 times and the zone on the numeric keys will be indicated
Teste dos controles remoto				
ADDRESS	TEST THE REMOTE CONTROL		KEY	RESULT
222	Press the remote control button		Enter	The siren will beep 3 times and the user at the numeric keys will be indicated
Wireless sensors low battery test				
ADDRESS	TEST BATTERY		KEY	RESULT
223	Actuate the sensor		Enter	If 1 short beep sounds: Battery OK If 3 short beeps sound: Low Battery
Periodic testing by time interval				
ADDRESS	TIME		KEY	FACTORY DEFAULT
224	000 to 255 hours		Enter	000 hours (disabled)
Measure RF signal level (FSK modulation only)				
ADDRESS	MEASURE SIGNAL LEVEL		KEY	RESULT
225	Press the remote control button or Actuate the sensor		Enter	After pressing the remote control button or activating the sensor, the signal level will be indicated on the numeric keys on the center's cover
Automatic zone opening cancellation				
ADDRESS	Opening number		KEY	RESULT
240	0 to 9		Enter	Opening number = 0
Temporary Zone Bypass				
KEY	ZONE		KEY	PASSWORD MASTER
Cancel	Type one or more zones from 01 to 25		Cancel	Type the master password within 30 seconds
Ethernet Settings				
Enable or Disable DHCP				
ADDRESS	KEY		FACTORY DEFAULT	
270	Key 1 Lit - DHCP enabled		Key 1 On - DHCP enabled	
	Key 1 off - DHCP disabled			
Local IP configuration				
ADDRESS	IP			
271	Type the IP with only 12 numbers			
Gateway Configuration				
ADDRESS	GATEWAY			
272	Type the Gateway with only 12 numbers			
Netmask Configuration				
ADDRESS	NETWORK MASK			
273	Type the Netmask with only 12 numbers			
Primary DNS Setup (DNS 1)				
ADDRESS	DNS 1			
274	Type DNS 1 with only 12 numbers			

Secondary DNS Setup (DNS 2)			
ADDRESS		DNS 2	
275		Type DNS 2 with only 12 numbers	
View the IP address			
ADDRESS	KEY	RESULT	
280	Enter	The center will display the IP address assigned to it	
281	Enter	The current alarm center firmware version will be displayed	
View MAC address			
ADDRESS	KEY	RESULT	
300	Enter	The center will display the MAC address assigned to it <i>Note: The MAC address is composed of a set of six bytes separated by a colon or hyphen, and each byte is represented by two digits in hexadecimal form, for example: 44:3B:32:67:C8:6A. The letters of the MAC address will be represented on the center's keyboard, by the keys, 10, 20, 30, 40, 50 and 60 respectively, as shown in Figure in Section 7.25. View MAC address in this manual.</i>	
Reset types			
Programming Reset			
ADDRESS	KEY	RESULT	
901	Enter	Deletes all programming, except wireless devices	
Wireless sensor reset by zone			
KEY	ZONE	PROCEDURE	
0	05 to 24	Press and hold for 3 seconds the key 0, 2 beeps will sound and the keys 0 and 1 will turn off	
Wireless sensors general reset			
PROCEDURE			
Press and hold the LEARN SENSOR button for 3 seconds. You will hear a few quick beeps and the Green LED will stay on for 3 seconds.			
Remote control reset by user permission			
KEY	USER	PERMISSION FOR THE USER	
1	00 to 29	Key 1 - Full Activation (press and hold key 1 for 3 seconds)	
		Key 2 - Partial activation (press and hold key 2 for 3 seconds)	
		Key 3 - Actuates PGM (press and hold 3 for 3 seconds)	
		Key 4 - Audible panic (press and hold 4 for 3 seconds)	
		Key 5 - Silent Panic (press and hold 5 for 3 seconds)	
		Key 6 - Medical emergency (press and hold 6 for 3 seconds)	
General reset of the remote controls			
PROCEDURE			
Press and hold the LEARN CONTROL button for 3 seconds. You will hear five quick beeps and the Green LED will stay on for 3 seconds.			
Wireless devices reset			
ADDRESS	KEY	RESULT	
902	Enter	Erases all wireless sensors and remote controls	
Pending events reset			
ADDRESS	KEY	RESULT	
903	Enter	Erases all pending events from the center	
General reset			
ADDRESS	KEY	RESULT	
904	Enter	Erases all settings from the center, including wireless devices	
Temporary master password reset			
PROCEDURE			
1. Disconnect the center from the mains and battery; 2. Press and hold Cancel on the center's keypad, connect the center to the mains or battery and wait for 5 seconds with Cancel pressed; 3. After this time, the center will emit five confirmation beeps and within 30 seconds, type : Prog + 1 2 3 4 + 900 + 4-digit password ; 4. Type Prog + Programmed password or press and hold Cancel for 3 seconds to exit programming mode.			
Temporary master password reset if the center is activated or tripped			
PROCEDURE			
1. Disconnect the center from the mains and battery; 2. Press and hold Cancel on the center's keypad, connect the center to the mains or battery and wait for 5 seconds with Cancel pressed; 3. After this time, the center will emit five quick confirmation beeps, within 30 seconds press 1 2 3 4 to deactivate the center, 4. Follow the entire Temporary master password reset procedure.			

Warranty Terms

It is hereby expressly stated that this contractual warranty is conferred under the following conditions:

Name of client:

Client's signature:

Invoice No.:

Date of purchase:

Model:

Serial No.:

Retailer:

1. All parts, pieces and components of the product are guaranteed against eventual manufacturing defects, which they may eventually present, for a period of 1 (one) year - this being 90 (ninety) days of legal guarantee and 9 (nine) months of contractual guarantee -, as from the date of purchase of the product by the Consumer, as shown on the invoice for the purchase of the product, which is an integral part of this Term throughout the entire national territory. This contractual warranty includes the free replacement of parts, pieces, and components that present manufacturing defects, including the expenses for the labor used in this repair. If no manufacturing defect is found, but defect(s) arising from improper use, the Consumer will bear these expenses.
2. The product's installation should be done according to the Product Manual and/or Installation Guide. If your product requires installation and configuration by a qualified technician, look for a competent and specialized professional, considering that the costs for these services are not included in the product's price.
3. Once the defect is confirmed, the Consumer must immediately contact the nearest Authorized Service listed by the manufacturer - only these are authorized to examine and repair the defect during the warranty period foreseen herein. If this is not done, this warranty will be void, since it will be characterized as a violation of the product.
4. In the event that the Consumer requests home assistance, he or she must go to the nearest Authorized Service to inquire about the technical visit fee. If it is necessary to remove the product, the resulting expenses, such as transportation and security costs to and from the product, will be the Consumer's responsibility.
5. The warranty will totally lose its validity in the occurrence of any of the following hypotheses: a) if the defect is not of manufacturing, but caused by the Consumer or by third parties not related to the manufacturer; b) if the damage to the product comes from accidents, disasters, nature agents (lightning, flooding, landslides, etc.), humidity, voltage in the electrical network (overvoltage caused by accidents or excessive fluctuations in the network), installation/use in disagreement with the user's manual or resulting from the natural wear and tear of the parts and components; c) if the product has suffered chemical, electromagnetic, electrical or animal (insects, etc.) influence; d) if the product's serial number has been tampered with or scraped; e) if the device has been breached.
6. This warranty does not cover data loss, therefore it is recommended, if applicable to the product, that the Consumer make a backup copy of the data on the product on a regular basis.
7. Intelbras is not responsible for the installation of this product, nor for any attempts of fraud and/or sabotage on its products. Keep the software updates and applications used up-to-date, if relevant, as well as the network protections required for protection against intrusions (hackers). The equipment is guaranteed against vices within its normal conditions of use, and it is important to be aware that, because it is an electronic equipment, it is not free of frauds and scams that may interfere with its correct operation.
8. Properly dispose of your product after its useful life - deliver it to collection points for electrical and electronic products, at an authorized Intelbras technical assistance center or consult our website www.intelbras.com.br and suporte@intelbras.com.br or (48) 2106-0006 or 0800 7042767 for more information.
9. LGPD - General Law for the Protection of Personal Data: this product does not process any personal data.

These being the conditions of this supplemental warranty term, Intelbras S/A reserves the right to alter the general, technical and aesthetic characteristics of its products without prior notice.

All images in this manual are illustrative.

Product benefited by IT legislation.

intelbras



talk to us

Customer Support: ☎ (48) 2106 0006

Forum: forum.intelbras.com.br

Support via chat: chat.intelbras.com.br

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Customer Service / Where to buy? / Who installs it?: 0800 7042767

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