

COMPLETE SETUP AND PROGRAMMING MANUAL FOR XT600i/XTX600 GPRS PANEL



***A Videofied CMA601 Alphanumeric Keypad or Frontel TMTi is required for programming and maintenance**



CMA601

Basic Setup Guidelines for Installation and Programming

SETUP AND PROGRAM

- 1) Obtain the account number from the Central Station :
- 2) Activate the SIM card by calling your SIM card provider :

**Note: Do step 1 and 2 the day before the install.*
- 3) Setup and program the system in the office or in your vehicle. **DO NOT MOUNT THE DEVICES.**
- 4) Add user codes and or badges after initial programming.
- 5) Silence the siren before you set the alarm.
- 6) Arm the system and send one alarm signal and video to the central station. Call the central station and make sure they received the signal.

DEPLOYING THE SYSTEM ON SITE

- 7) Put the panel where you want to mount it and run the GPRS test to make sure you are receiving good cell signal. If you get 3/5 or better, mount the panel. If not, you will need to move the panel and run the test again.
- 8) Now you are ready to deploy the devices. Use your keypad to run the RF test for each device. If you get a 9/9 for your RF test on the first device, then mount it. If not, you will need to move the device to get optimal signal.

**Note: If you are not getting the right GPRS or RF level, you can also add on additional antennas for either signal, ONLY ON THE XT600GPRS/V6000 GPRS PANELS.*
- 9) Once you have everything mounted, you are ready to arm the system and set off each device. Make sure you stand in front of each MotionViewer for 10 seconds so the central station has some video to look at.
- 10) After you have sent signals to central station, call to verify.

The following pages will go through each one of these steps and, if you have any issues, you cannot resolve, please feel free to call technical support at 1-651-855-7800 EXT 45, 1-877-206-5800 EXT 45 or you can reach live support chat and additional technical notes at support.videofied.com .

Sleeping mode and Wake-up on the CMA601:

Most of the time, the keypad is in a sleeping mode (backlight off). This mode is automatic after a 30 seconds of inactivity. When you press a button the keypad wakes up. The first touch on the pad that wakes it up will not be a registered command and will only wake up the keypad.

SETUP MANUAL FOR XT600i GPRS PANEL

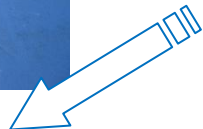
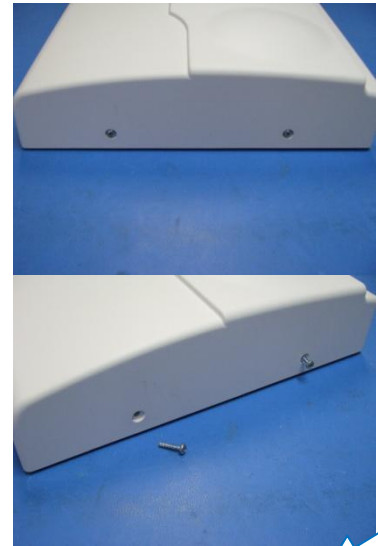
THIS SYSTEM REQUIRES A CMA601 or TMT INSTALLER SOFTWARE FOR PROGRAMMING

XT Installation

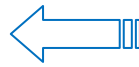
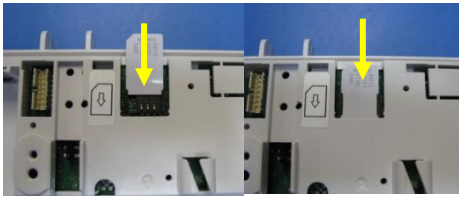


Open the Control Panel

Use a #1 screwdriver, unscrew the 2 screws holding the panel together



The SIM card must NOT be inserted or removed while the panel is powered

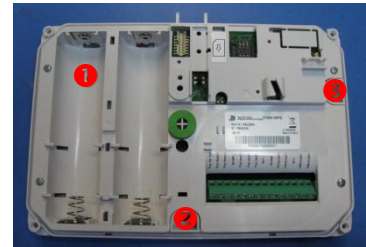


Install the SIM card
Put the SIM card on the plastic
(Take care to respect the right direction)
Slide it into the connector.

***How to Mount the Control Panel**
Fix the back casing on the wall
with 3 screws (1 to 3).

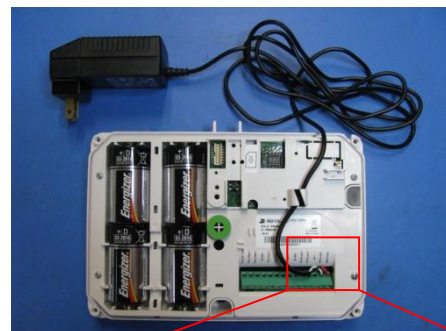
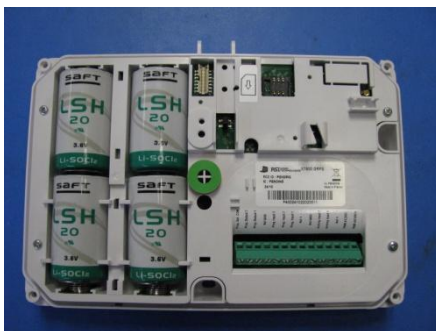


*Mounting does not have to be performed
in-order to program the panel.



Power the XT panel

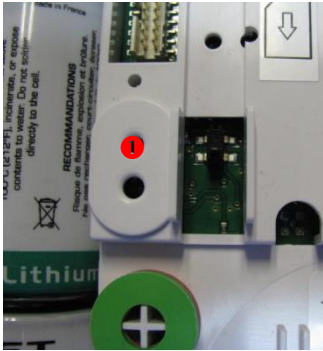
Option 1:	Option 2:
4 x LSH20 Lithium D-Cell Used for Standalone or Xtender mode without Programmable Inputs.	4 x E95VP Alkaline D-Cell + 12DC power supply Used for Standalone or Xtender mode where Programmable Inputs/Mapping will be used



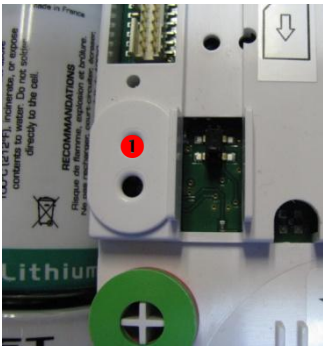
WARNING : DO NOT INSTALL ALKALINE BATTERIES IF INSTALLING AN XTX600 GPRS BELOW 30° F.

3. XT Programming

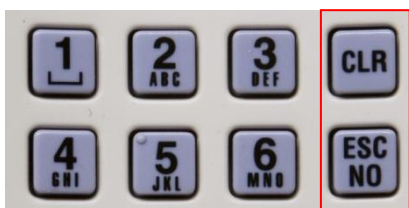
Reset the XT Panel :
Press and hold programming button (Ⓜ) for 10sec until the Indicator LED blinks twice



Press and instantly release the programming button (Ⓜ). The indicator LED will blink once. The panel is now in 'Learn Mode' for the CMA601 keypad.

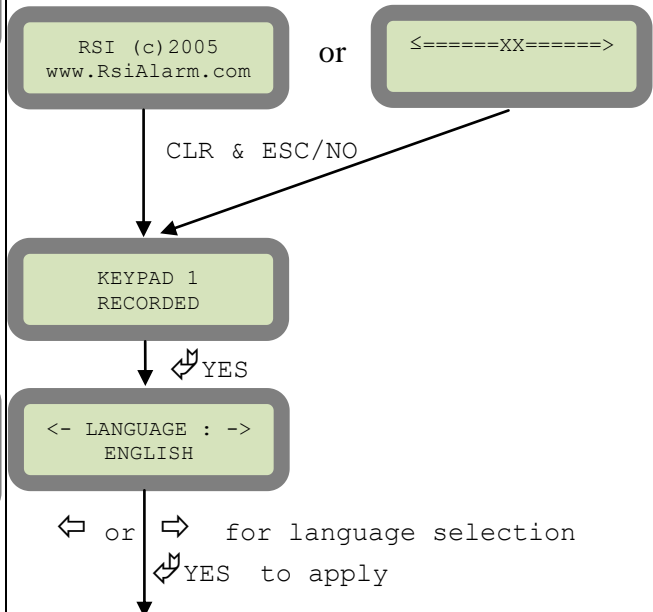


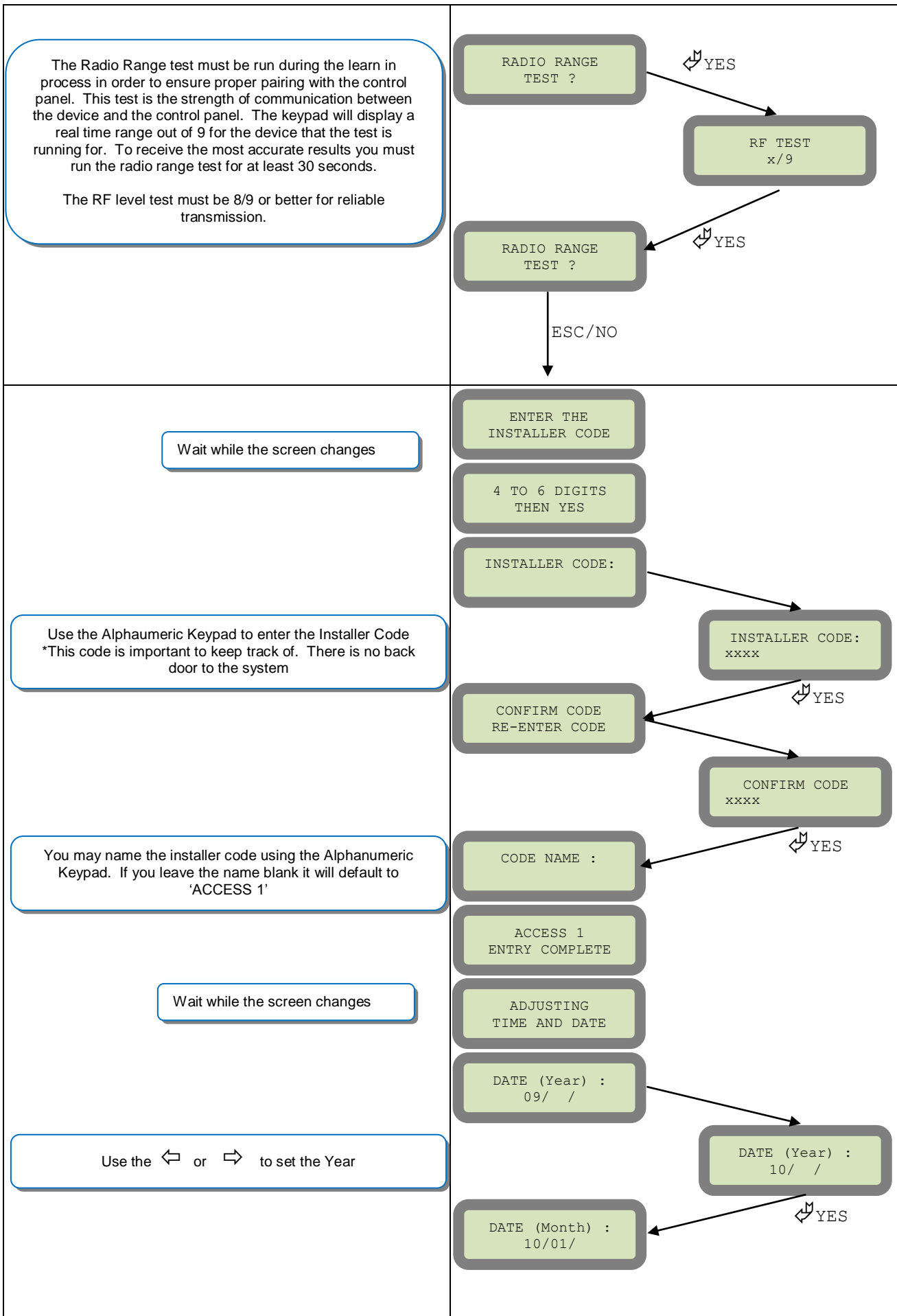
Insert all three batteries into the CMA601 and press on both the ESC/NO and CLR keys at the same time and release. The indicator LED on the keypad will blink rapidly.

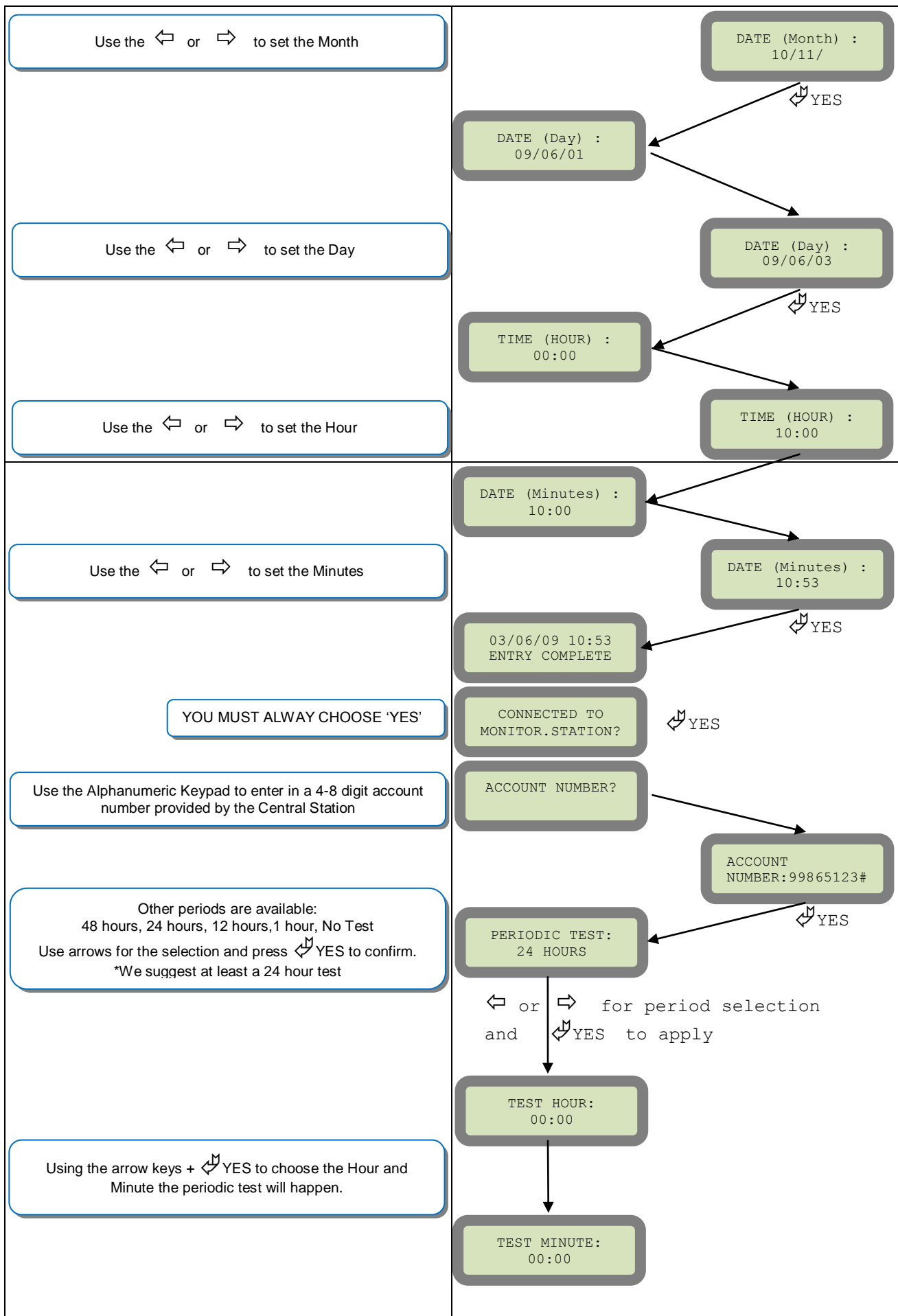


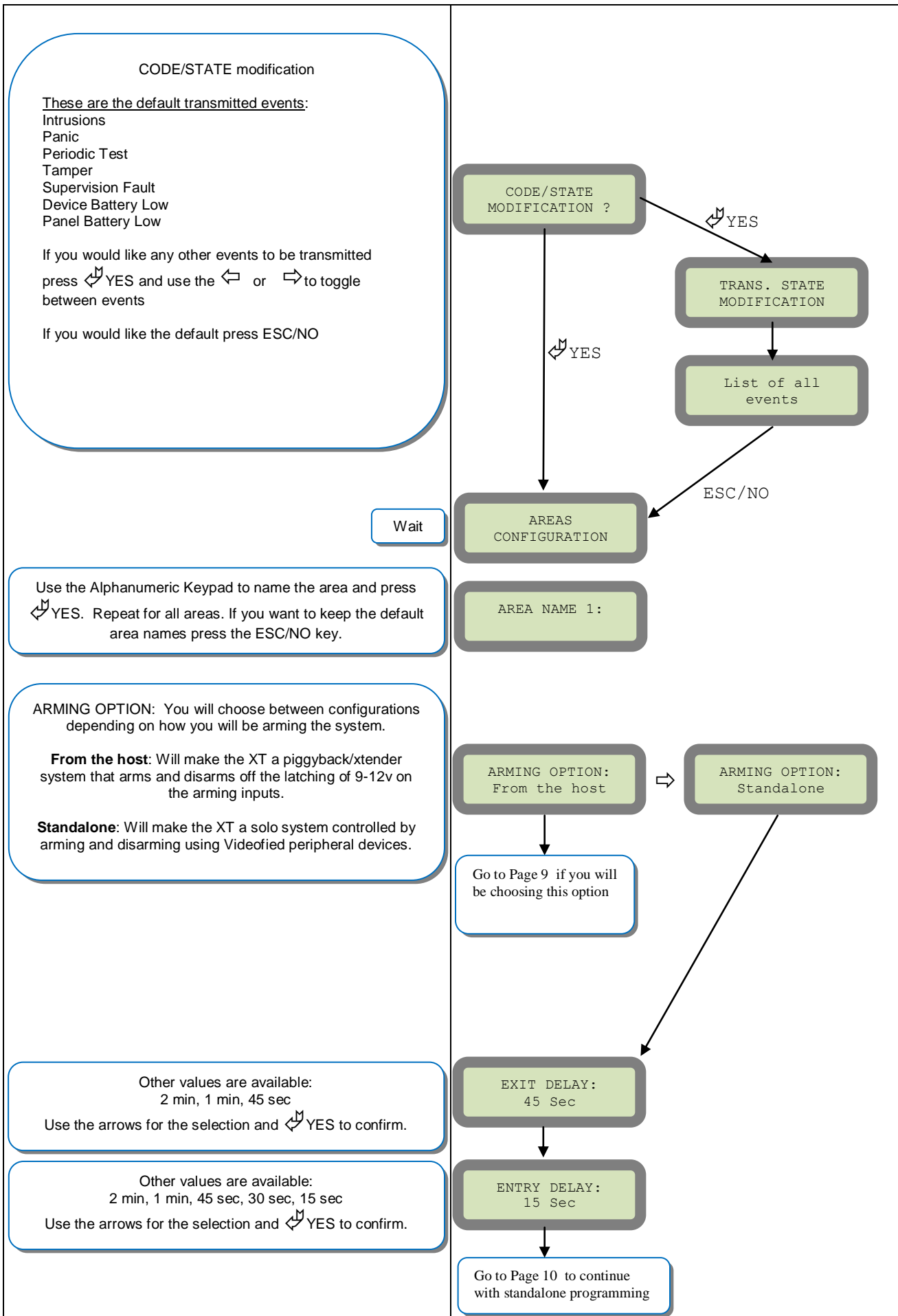
Other languages are available by scrolling with arrows. ITALIANO, NEDERLANDS, DEUTSCH, CASTELLANO, SVENSKA, PORTUGUES, FRANCAIS
Press YES for the selected one.

CMA Programming Device/Keypad









Using the control panel as a Xtender system will only be able to arm and disarm by latching 9-12v to one of the two inputs.

Arming input 1 will control the arming and disarming of devices in areas 1 and 2. Where devices in area 1 are subject to the Entry Delay.

Arming input 2 will control the arming and disarming of devices in areas 3 and 4. Where devices in area 1 are subject to the Entry Delay.

Mode Slow : Used for following the arming and disarming of the host system. This will arm each device one at a time conserving battery life.

Mode Fast : Used to instant arm all devices while sacrificing battery life.

There is no Videofied Exit Delay with the 'From the Host' option. Videofied will only control the Entry Delay.

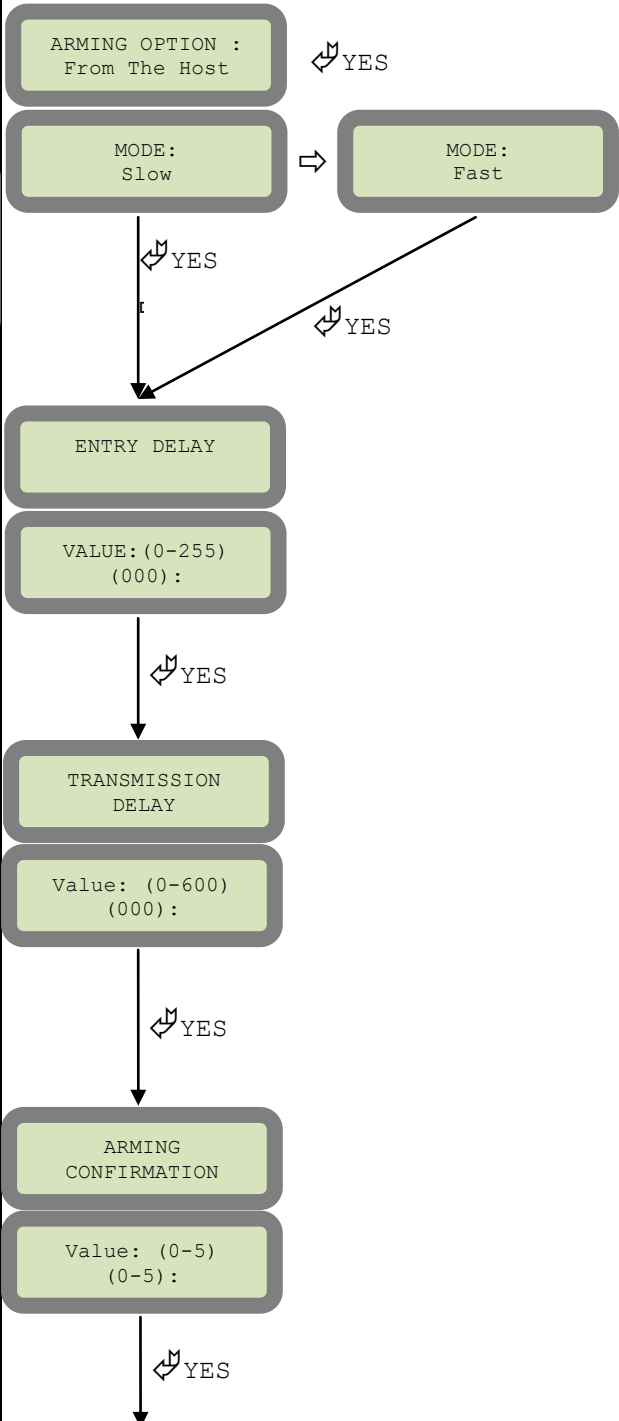
Enter the value for your Entry Delay up to 255 seconds and press .

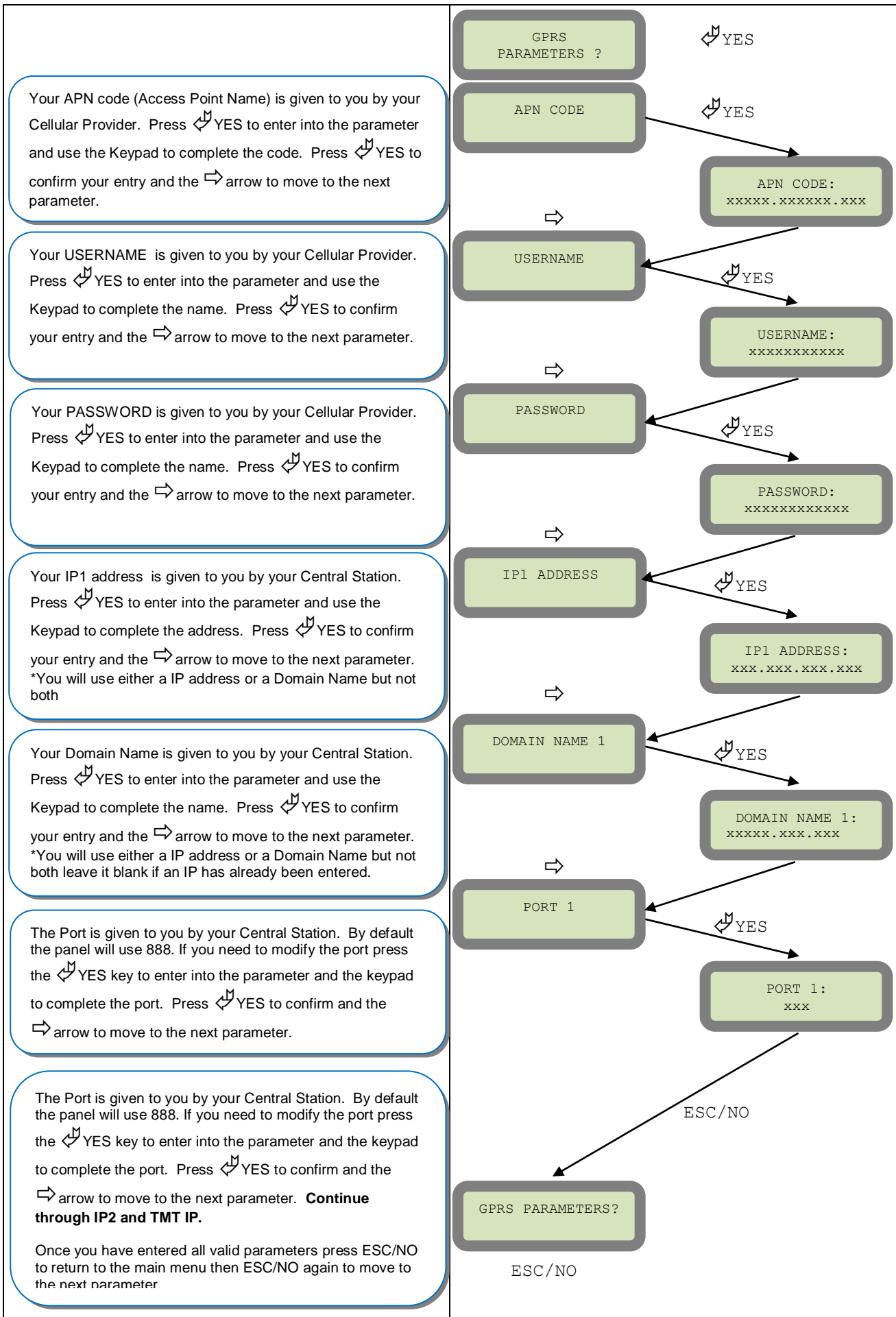
By entering a value using the keypad, up to 600 seconds, the transmission of any event will be delayed that many seconds.

Enter the value you would like for the Transmission Delay and press .

Arming Confirmation is the number of seconds of latched voltage (where voltage must stayed latched after) the panel will require before arming.

Enter the value you would like for the Arming Confirmation and press .





Your APN code (Access Point Name) is given to you by your Cellular Provider. Press **YES** to enter into the parameter and use the Keypad to complete the code. Press **YES** to confirm your entry and the **→** arrow to move to the next parameter.

Your USERNAME is given to you by your Cellular Provider. Press **YES** to enter into the parameter and use the Keypad to complete the name. Press **YES** to confirm your entry and the **→** arrow to move to the next parameter.

Your PASSWORD is given to you by your Cellular Provider. Press **YES** to enter into the parameter and use the Keypad to complete the name. Press **YES** to confirm your entry and the **→** arrow to move to the next parameter.

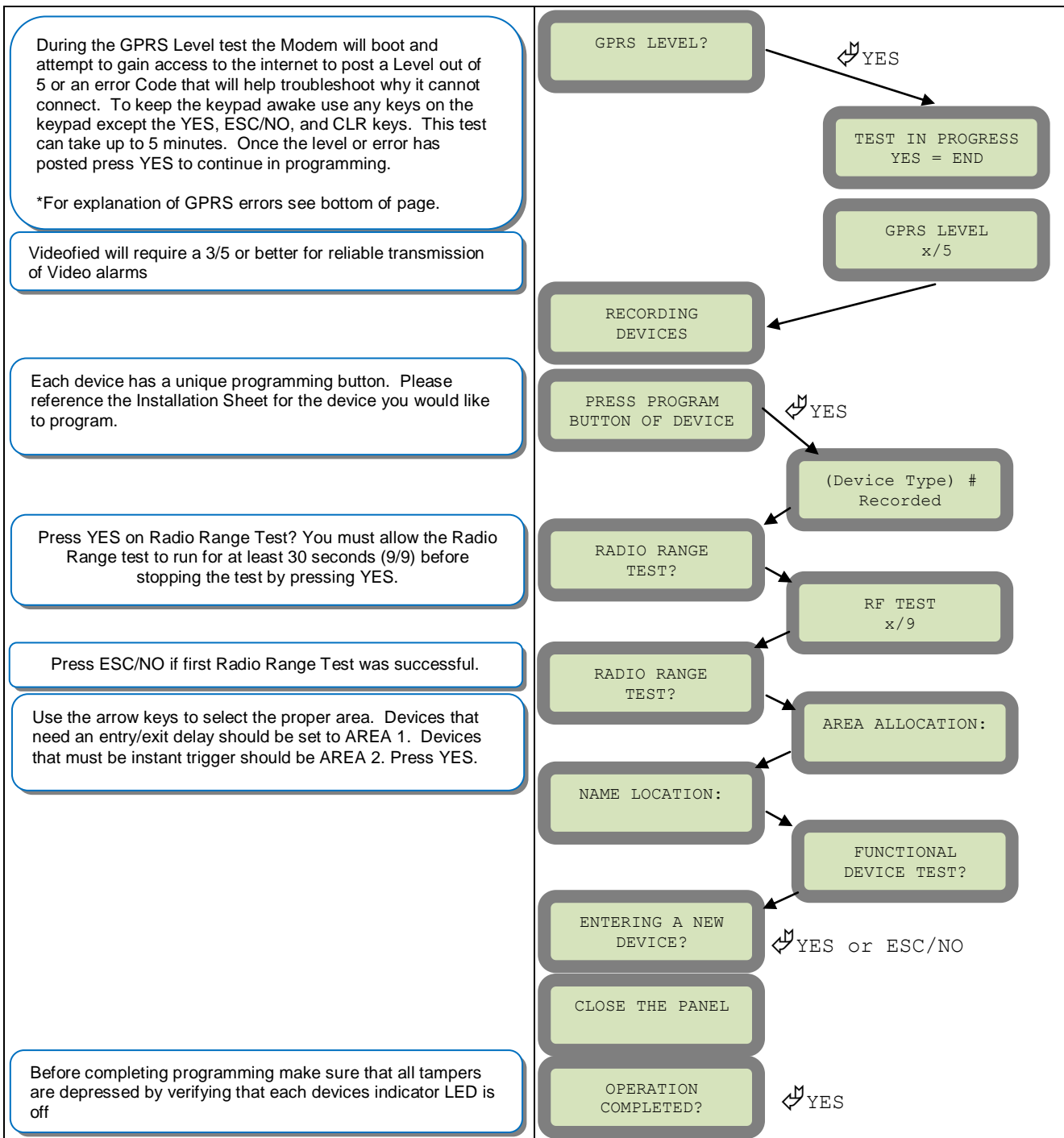
Your IP1 address is given to you by your Central Station. Press **YES** to enter into the parameter and use the Keypad to complete the address. Press **YES** to confirm your entry and the **→** arrow to move to the next parameter. *You will use either a IP address or a Domain Name but not both

Your Domain Name is given to you by your Central Station. Press **YES** to enter into the parameter and use the Keypad to complete the name. Press **YES** to confirm your entry and the **→** arrow to move to the next parameter. *You will use either a IP address or a Domain Name but not both leave it blank if an IP has already been entered.

The Port is given to you by your Central Station. By default the panel will use 888. If you need to modify the port press the **YES** key to enter into the parameter and the keypad to complete the port. Press **YES** to confirm and the **→** arrow to move to the next parameter.

The Port is given to you by your Central Station. By default the panel will use 888. If you need to modify the port press the **YES** key to enter into the parameter and the keypad to complete the port. Press **YES** to confirm and the **→** arrow to move to the next parameter. **Continue through IP2 and TMT IP.**

Once you have entered all valid parameters press **ESC/NO** to return to the main menu then **ESC/NO** again to move to the next parameter



Other XT setup with CMA600 keypad (Standalone ONLY)

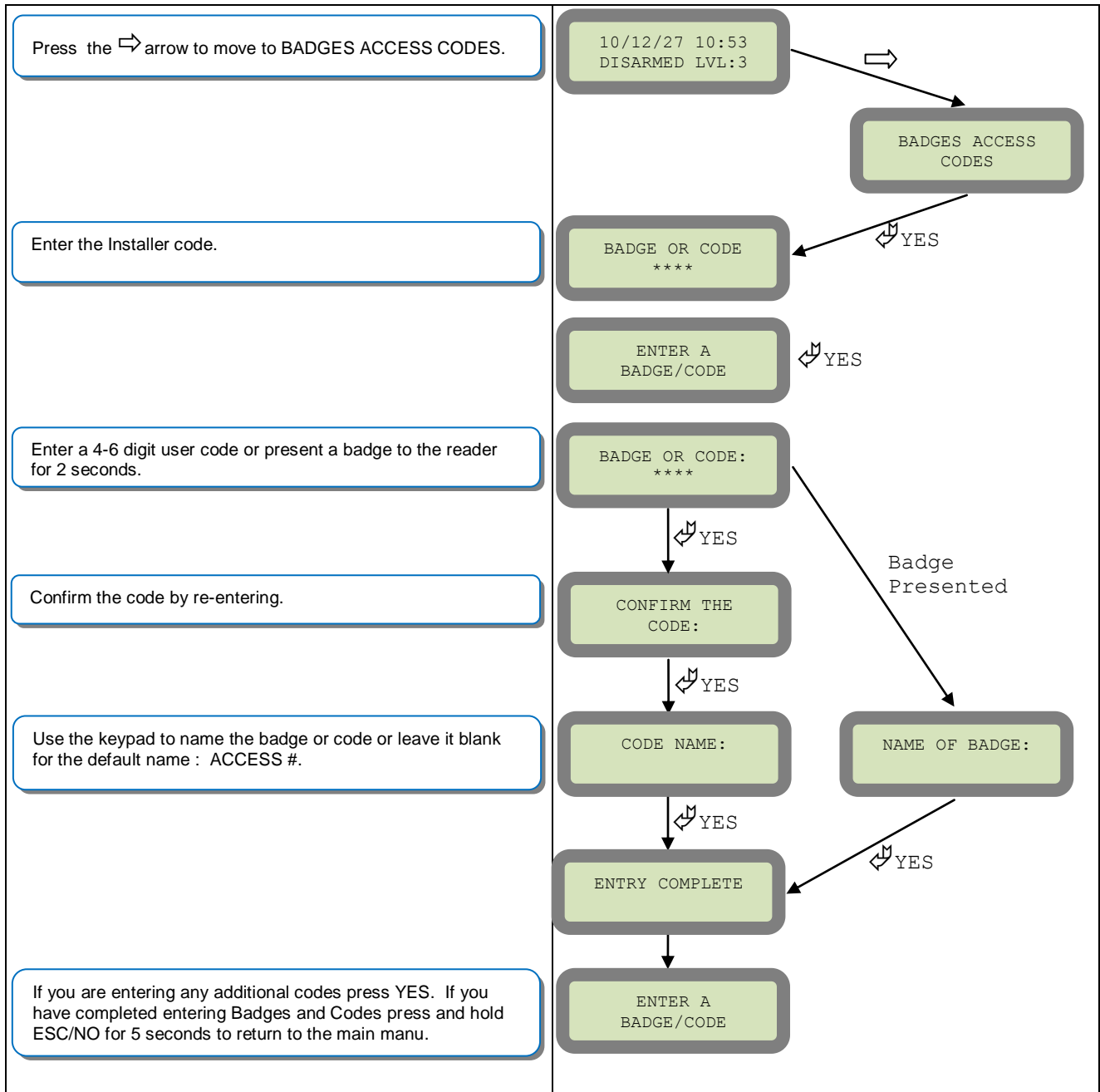
Other setup (badges/codes, arming profiles, etc...) must be set with the CMA keypad

GPRS error codes

Codes	Errors
043	Typographical error in the APN Code, username, password or a provisioning problem
003	SIM card not detected/not inserted
132	SIM card not activated
030	GPRS Level Test: No GPRS Signal; Event Log: No Error Found

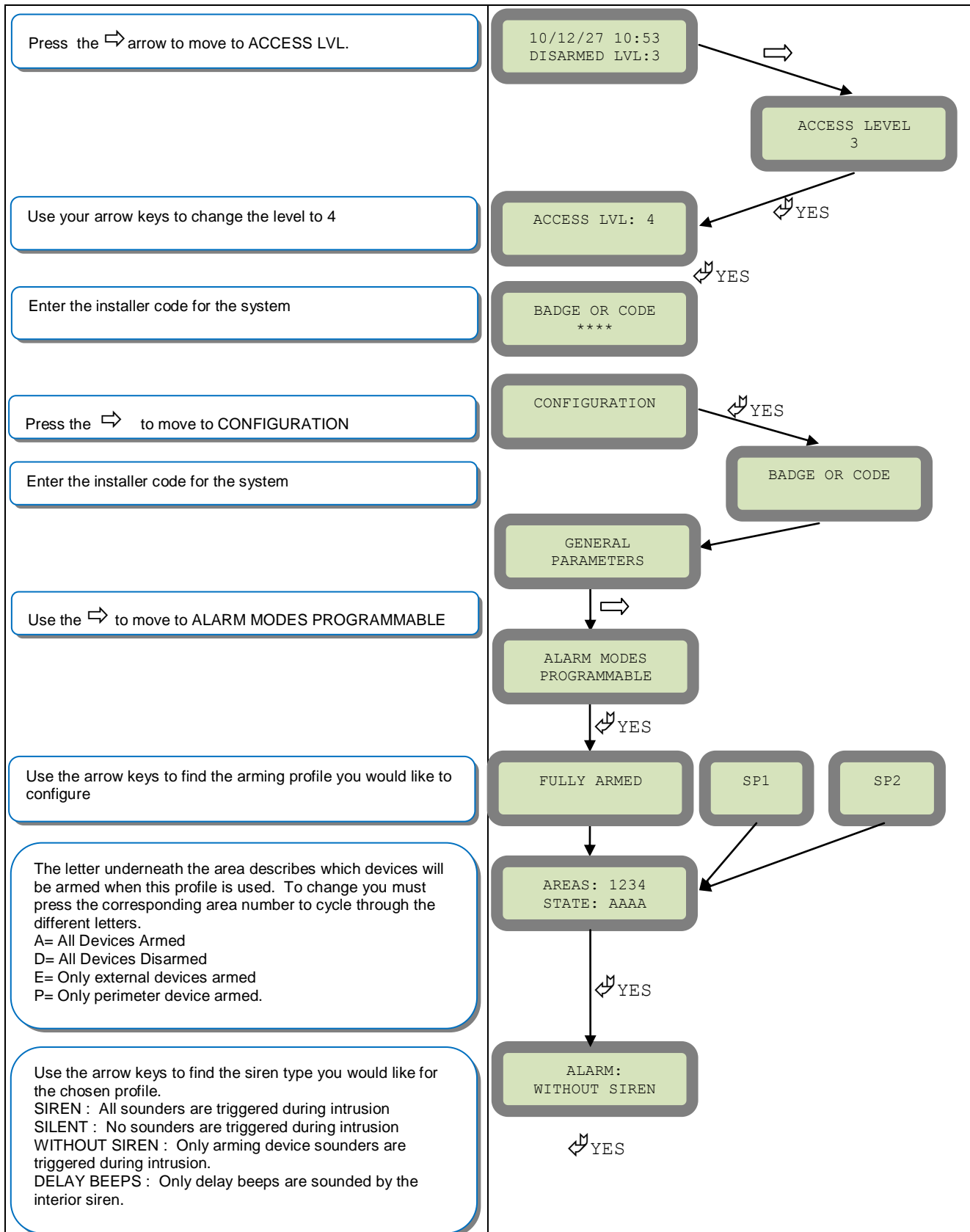
Entering a Badge or Access Code for Arming/Disarming

After Initial programming has been completed, you are not able to arm and disarm the system until you enter a user code or badge (the installer code cannot arm and disarm the system). Codes can be 4-6 digits and the 4th digit must be 2 values higher or lower than any other code on the system: Example: User code 1234, next code cannot be 1235, 1236, 1233, or 1232 – These are reserved for Silent Duress and Audible Duress. The XT system can accept up to 19 Badges or Access codes in any combination.



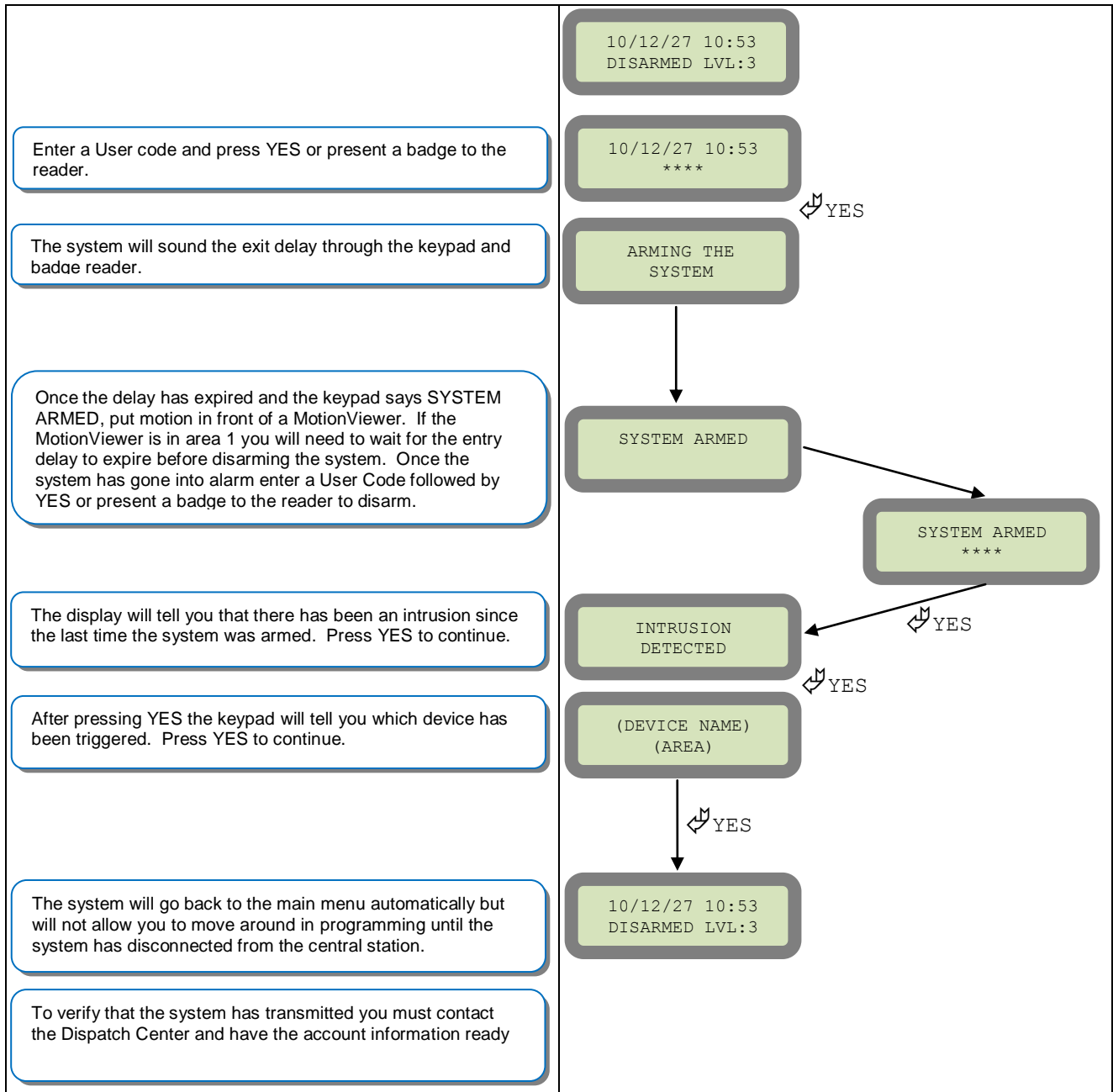
Changing Siren Options

After initial programming has been completed any sounder on the system will be enabled by default, this includes the sounder on the Keypad and Badge Reader. While there is no way to disable the sounding of the exit delay you are able to disable the intrusion sound.



6. How to test to the dispatch center

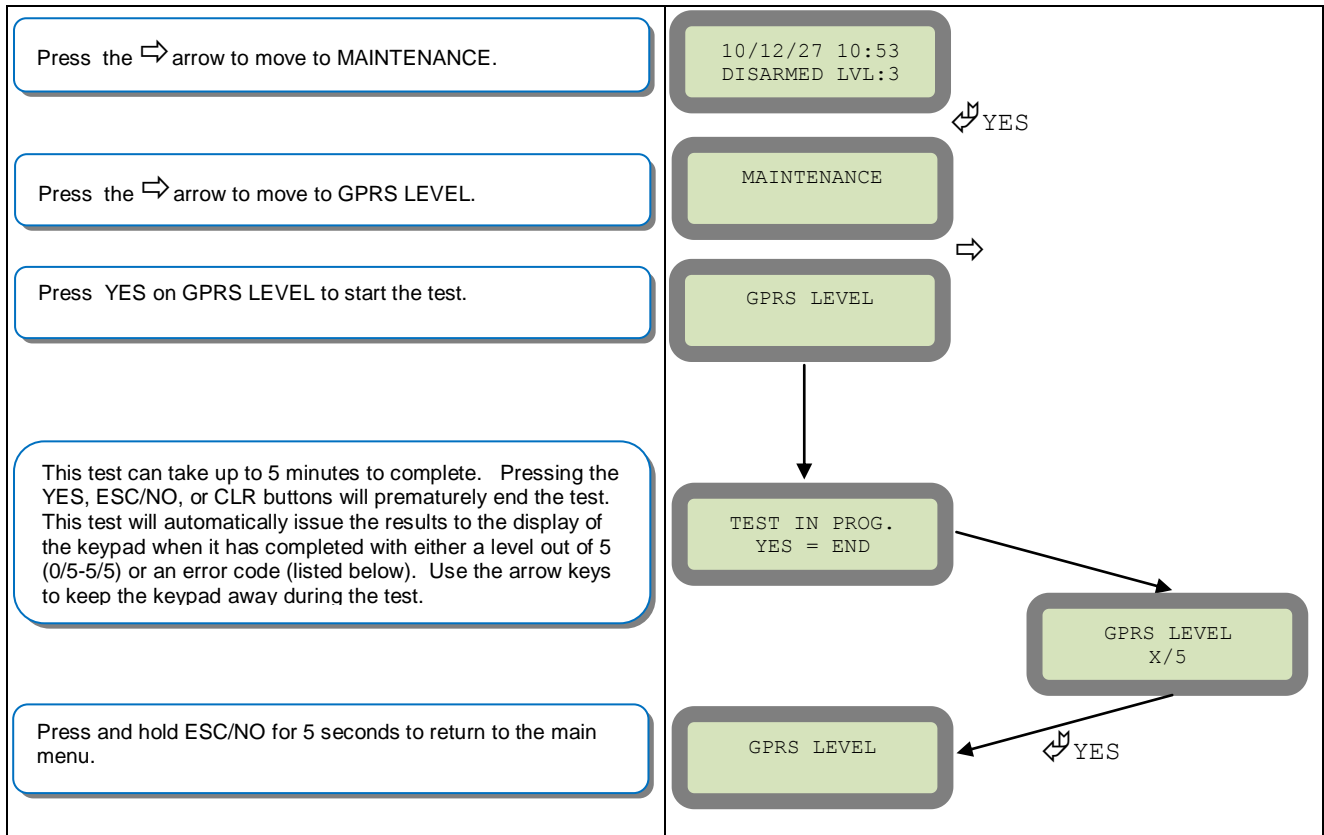
Testing to the dispatch is done twice during installation. Once while you are programming the system and then again once the installation has been completely finished. Although both will use the same steps the initial test will be just confirmation using one device to verify the programming.



Note: Send 1 MotionViewer in at a time and verify with Central Station that they are getting Alarm and Video before tripping another MotionViewer. This will save time with the Central Station.

7. How to test GPRS signal and mount the control panel

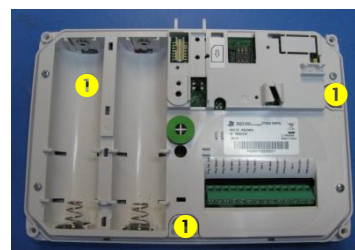
Before the system is mounted you will need to check the GPRS level to make sure it is adequate. If the level is 3/5 or better you can mount the control panel in that location.



Codes	Error	Fix
043	Authentication Error	Double check and re-enter your APN, USERNAME, and PASSWORD
003	SIM card not detected	Power down the unit and re-insert the SIM card
132	SIM card not activated	Contact the cellular provider for activation
030	No GPRS signal available	Try re-locating the panel or checking a online coverage map for the carrier

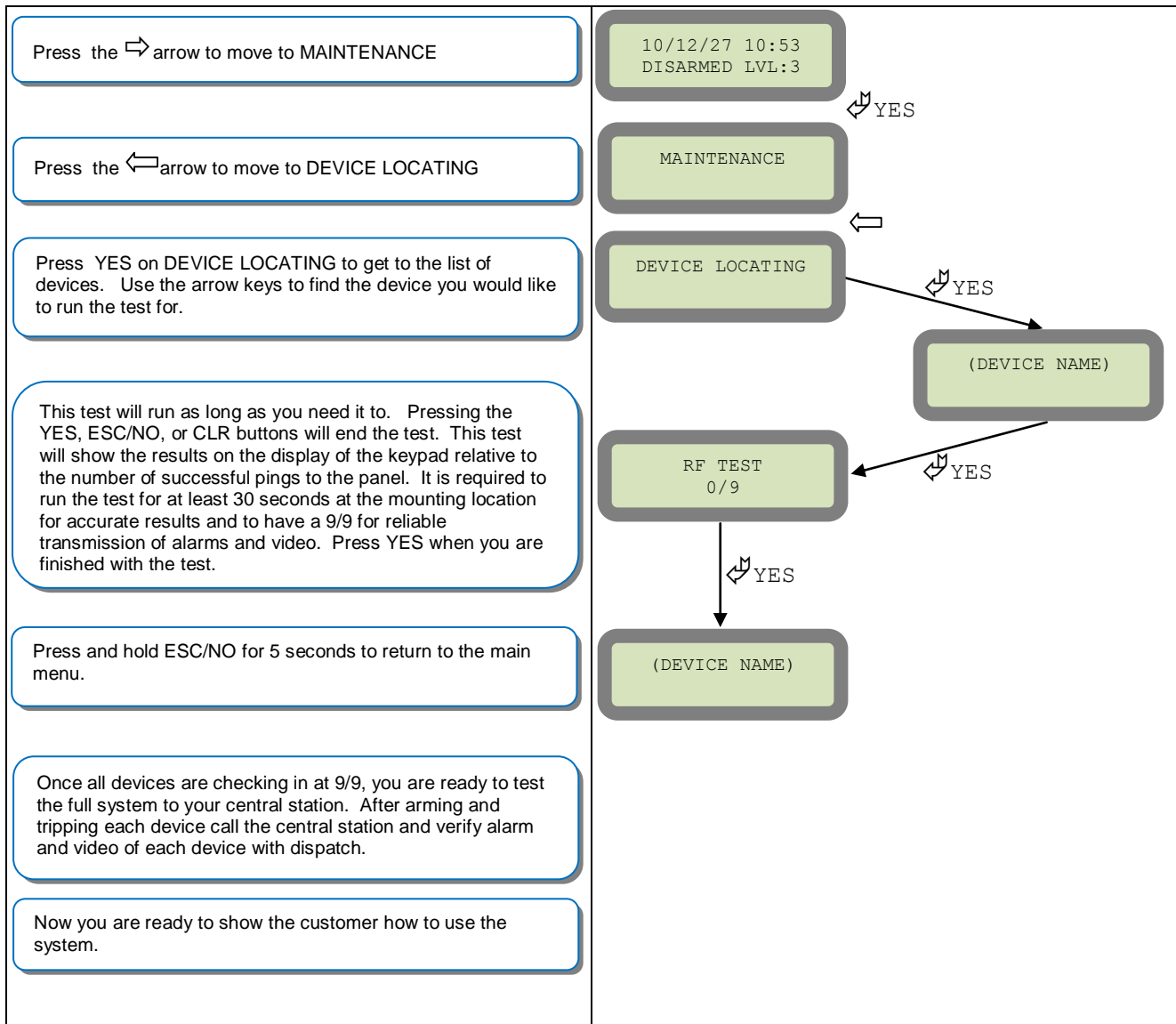
How to Mount the Control Panel?

Fix the back casing on the wall with 3 screws (🔩)



8. How to RF test for deployment of devices

Running the RF test during the mounting of devices is key to a successful Videofied installation. This test will ensure that all devices have adequate communication with the control panel. All Videofied devices are bi-directional which allows the system to ping the device and expect a response. The number of successful responses out of 9 will be displayed on the keypad for the device you are running the test for. This is also a relative range that will change in real time as you walk further away from the control panel and back closer.

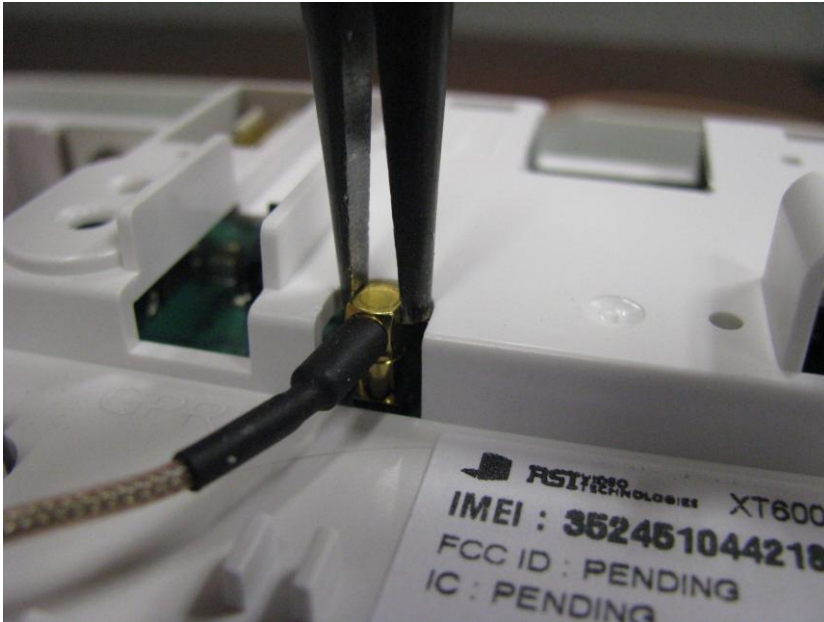


NOTE : To insure proper operation of the system you must get 9/9 with each device before mounting.

GPRS Antenna Connection

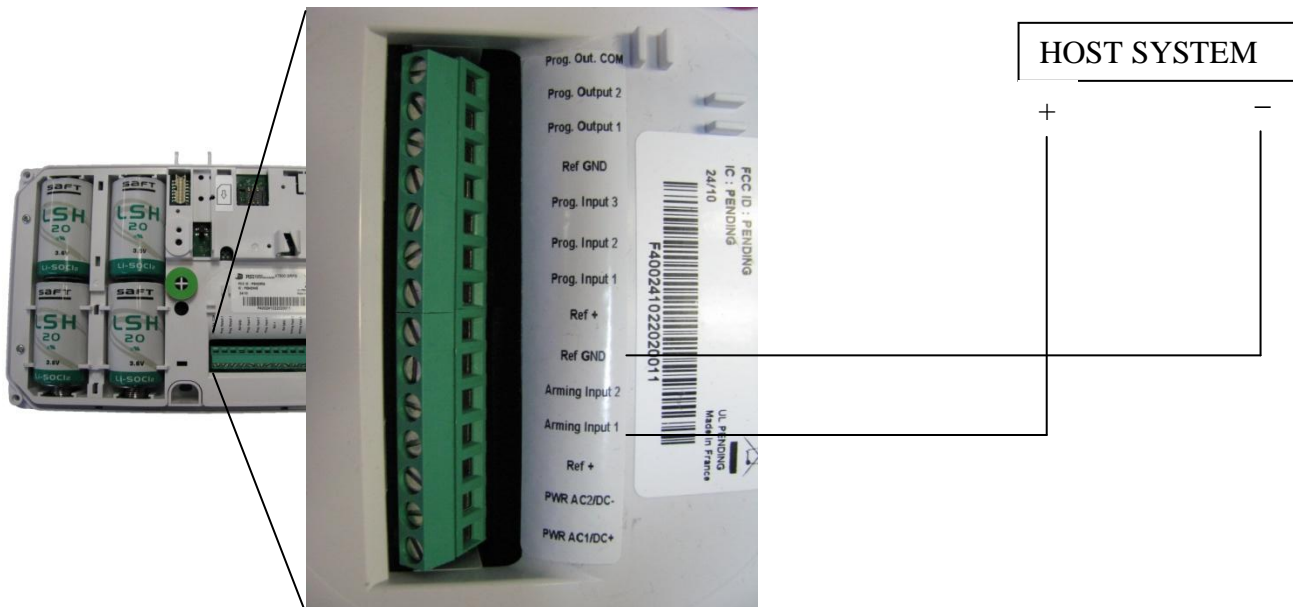
!WARNING!

Use caution before removing antenna connection. Damaged antenna connector is NOT covered under warranty.



Using needle nose pliers, be sure to only grab the connector and pull directly up.

Arming Input Wiring Diagram





General Configuration - Programmable Inputs

PRODUCT APPLICATION NOTE

Manufactured by RSI Video Technologies

January 2011

The RSI Video Technologies XT600 series control panels can accept up to 3 hard wired peripheral devices. These devices can be normally opened or closed, wet or dry.

YOU CAN ONLY USE THE INPUTS WITH ALKALINE + POWER SUPPLY

The inputs can be programmed to have unique identification name and transmit one of the standard events used by Videofied. With these capabilities you are able to perform a takeover of an existing alarm system or add in needed devices for the job that Videofied may not manufacture.

Programmable inputs 1, 2, and 3 are triggered by voltage between 9V and 15V and an intensity between 1.5mA (29V) and 3mA (@15v). If a dry contact is used to trigger the programmable inputs the REF+ output can be used to supply this dry contact.

During transmission of the programmable inputs alarm the event will be accompanied by zone 26,27,28 respectively.



Required Products:

XT600 series control panel

CMA601 Alphanumeric keypad

Hard wired device with normally open or closed relay

Configuration of the programmable inputs can be found at the following menu location:

With the display showing the date and time stamp along with the current Access Level. You must change your Access Level to 4. RIGHT ARROW to ACCESS LEVEL and press YES, RIGHT ARROW to ACCESS LVL: 4 and press YES. When prompted with BADGE OR CODE enter your installer code + YES.

Using the RIGHT ARROW go to CONFIGURATION and press YES, when prompted with BADGE OR CODE, enter your installer code + YES.

With the display showing GENERAL PARAMETERS press the YES key. Use the RIGHT ARROW and go to PROGRAMMABLE INPUTS and press YES. It will now show you PROGRAMMABLE INPUT 1. Use the RIGHT or LEFT ARROW keys to choose which programmable input you will be using and press YES.

DATE / TIME
DISARMED LVL: 3

ACCESS LEVEL
4

CONFIGURATION

PROGRAMMABLE
INPUT 1

General Configuration - Programmable Inputs

After choosing which programmable input you will be using you will be required to configure the input for transmission type, name, and features of the input. Press YES on the parameter, and use the ARROW KEYS to change the value and press YES. Use the ARROW KEYS to move to the next parameter.

TRANSMISSION: DISABLED

- ENABLED - Will transmit the event no matter panel status
- DISABLED - No transmission will be sent
- ONLY IF ARMED - Will transmit the event only when the system is fully armed

TRANSMISSION
ENABLED

ALARM MODE: ALARM

- ALARM = Appearance of the event only
- ALARM/END = Appearance and restoral of the event

ALARM MODE:
ALARM

INPUT TYPE: NORMALLY OPEN

The INPUT TYPE will depend on whether or not the external wired device you will be hooking up to the Input terminal is Open or Closed in its normal (non alarm) state.

INPUT TYPE
NORMALLY OPEN

EVENT TYPE: INTRUSION

The Event type determines the event that is sent to the central station when the programmable input is triggered.

EVENT TYPE
INTRUSION

Event Types:	Capable Alarm Modes
INTRUSION -	Alarm
TAMPER -	Alarm or Alarm/End
PANIC BUTTON -	Alarm
INCORRECT CODE -	Alarm
DURESS CODE 1-	Alarm
SUPERVISION -	Alarm or Alarm/End
RADIO JAMMING -	Alarm or Alarm/End
LOW PANEL BATT -	Alarm
LOW DEVICE BATT-	Alarm
AC POWER MISS. -	Alarm or Alarm/End
PANEL RESET -	Alarm
SYSTEM ARMED -	Alarm
SYSTEM DISARMED -	Alarm
PERIODIC TEST-	Alarm
ALARM CANCEL -	Alarm
SMOKE DETECTION -	Alarm
PHONELINE MISS. -	Alarm
TMT REQUEST -	Alarm

General Configuration - Programmable Inputs

INPUT NAME is the name that the Central Station will see when this input is triggered. This should describe the function of the device hooked up to the input.

INPUT NAME
PANIC VIDEO

SIREN MODE: SIREN - This will determine how the siren will function when the programmable input is activated.

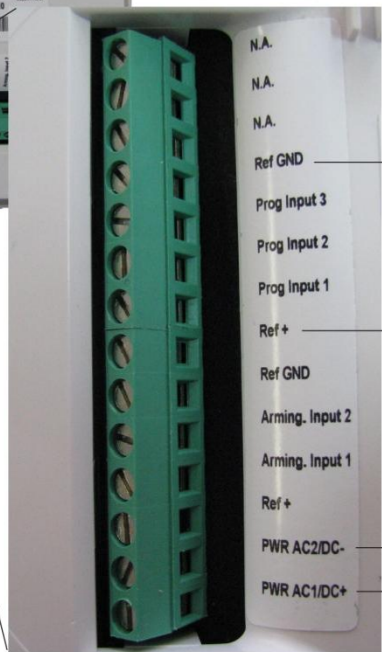
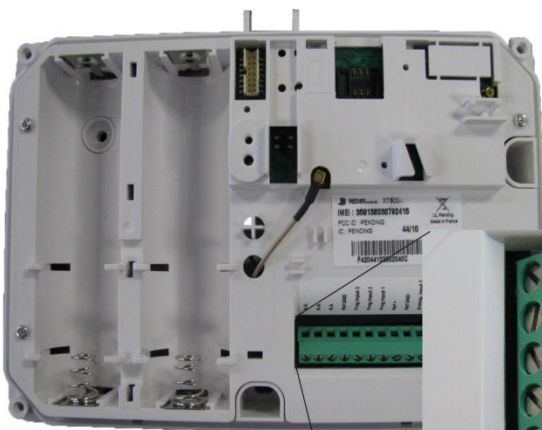
- SIREN - Activation of all sirens on the system
- WITHOUT SIREN - Only Keypad and Badge Reader sounders
- SILENT - No activation of any sounders or sirens
- DELAY BEEPS - Sounding of delay beeps then full siren

SIREN MODE
SIREN

MAPPING: DISABLED - This is a 1 to 1 relationship between a MotionViewer and the programmable input. When the programmable input is triggered it will force the chosen MotionViewer to take a 10 second Video no matter the current status of the MotionViewer. We suggest that this is only used when using the event types INTRUSION and PANIC or the video will not auto download at the Central Monitoring Station.

MAPPING
CAMERA 1

Parameters	Values			Units	
	min.	typ.	max.		
Power	voltage	9	12	15	VDC or VAC
	current	2.2	2.2	/	A
REF+ (V_Piles Signal)	voltage	3.5	12	15	VDC
	current			50	mA
Entry (Arming Inputs 1&2 and Prog Input 1,2 & 3)	Entry Inactive Voltage			~1.0	VDC
	Entry Active Voltage	~1.4	12	15	VDC
	current	1.5 @VIN=9V		3 @VIN=15V	mA



Ref GND — When using an external hardwired device that is powered, the ground (negative) wire must be hooked up here.

Ref + — When using a dry contact one wire must be hooked up here to use Videofied to power the input.

PWR AC2/DC- — When using the inputs the panel must be powered by 4 Alkaline D-cell batteries and a 12v DC power supply. The power supply must be hooked up to these terminals.