COMPLETE SETUP AND PROGRAMMING MANUAL FOR XT600i GPRS PANEL

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

CMA601

4455 White Bear Parkway
White Bear Lake, MN 55110
877-206-5800

Basic Setup Guidelines for Installation and Programming

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.**

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, 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.

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SETUP MANUAL
FOR
XT600i GPRS PANEL

THIS SYSTEM REQUIRES A CMA601 FOR PROGRAMMING

1. XT Installation

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

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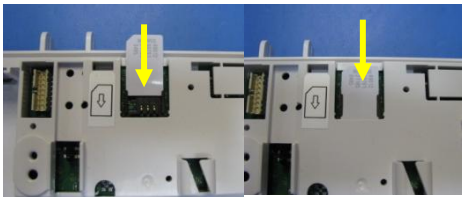
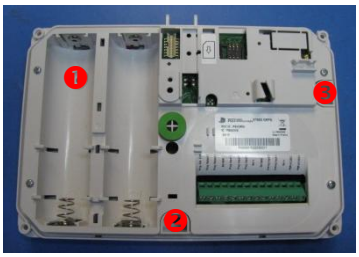
The SIM card must not be inserted or removed while the panel is powered



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

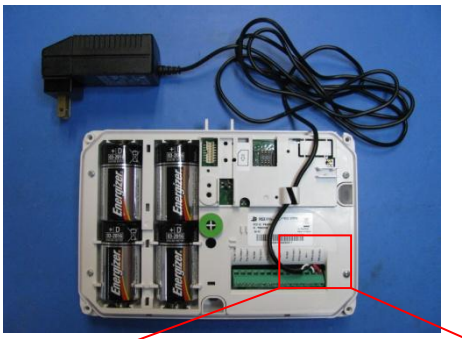
***How to Mount the Control Panel**
Fix the back casing on the wall
with 3 screws (❶ to❸).

*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



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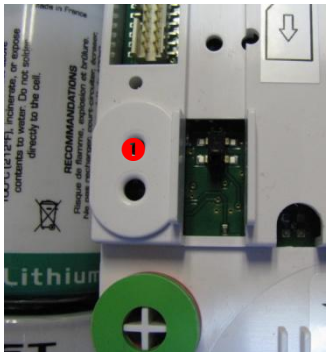
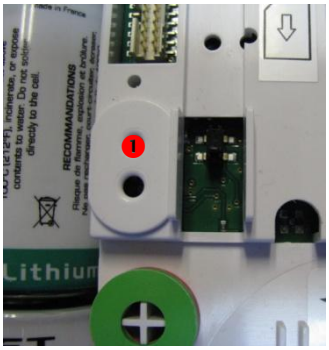
2. XT Programming

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



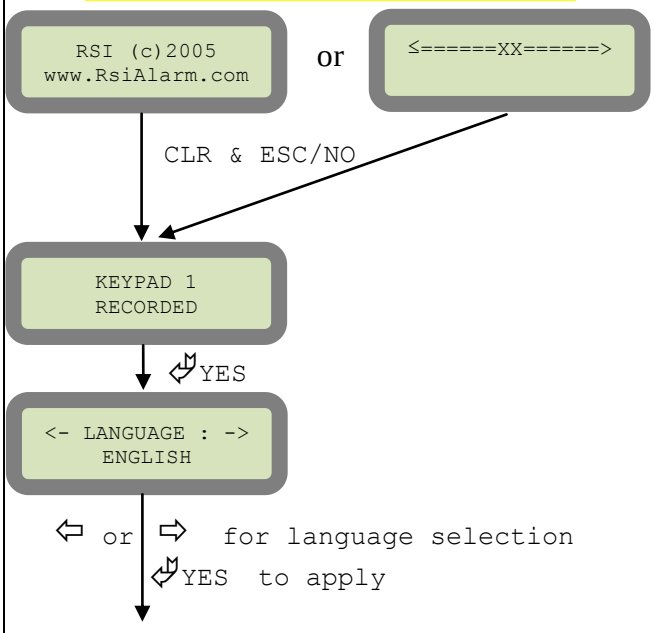
Press and instantly release the programming button (❶).
The indicator LED will blink once. The panel is now in 'Learn Mode' for the CMA601 keypad.



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



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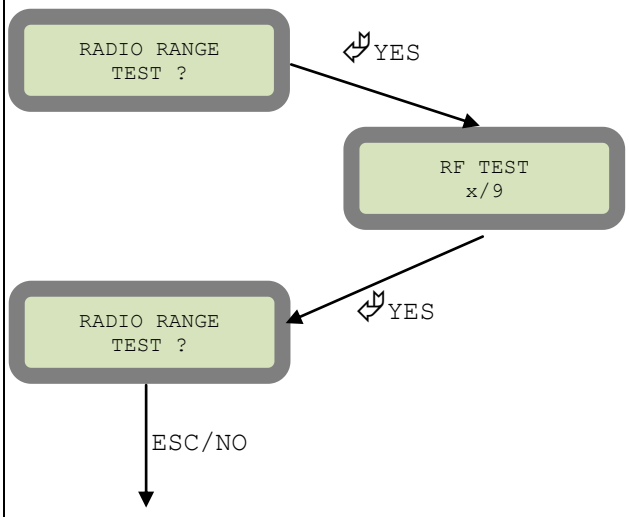
The Radio Range test must be run during the learn in process in order to ensure proper pairing with the control panel. This test is the strength of communication between the device and the control panel. The keypad will display a real time range out of 9 for the device that the test is running for. To receive the most accurate results you must run the radio range test for at least 30 seconds.

The RF level test must be 8/9 or better for reliable transmission.



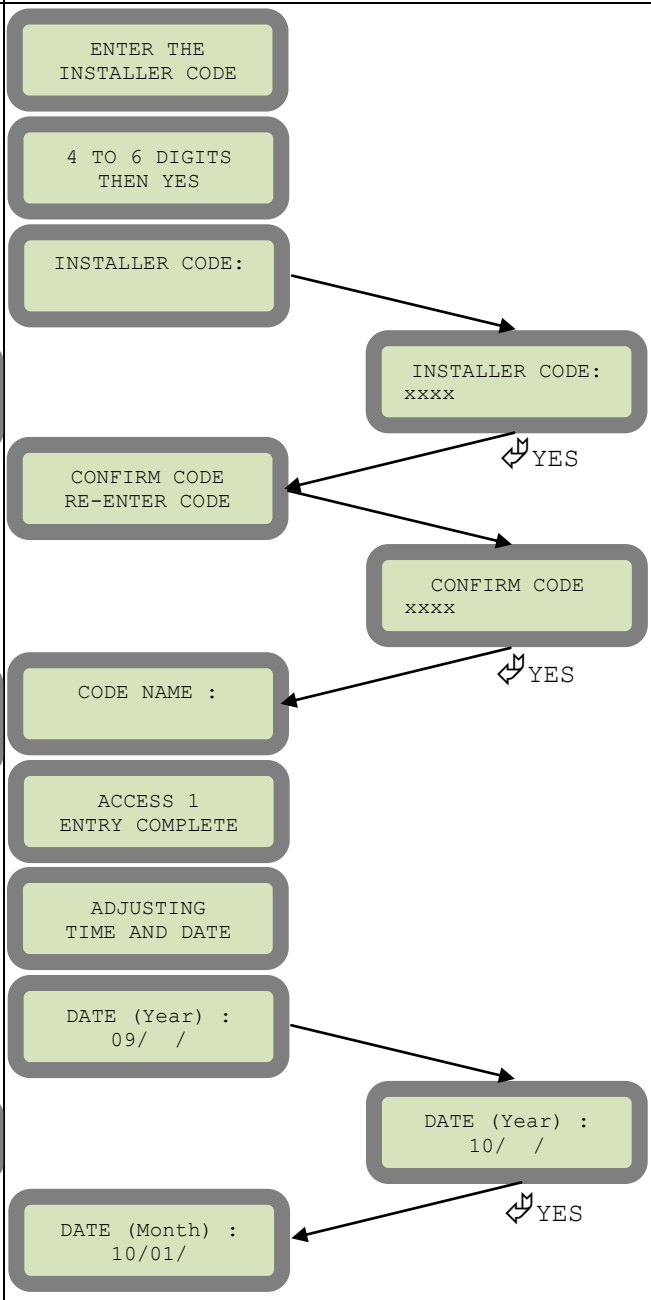
Wait while the screen changes

Use the Alphaumeric Keypad to enter the Installer Code
*This code is important to keep track of. There is no back door to the system

You may name the installer code using the Alphanumeric Keypad. If you leave the name blank it will default to 'ACCESS 1'

Wait while the screen changes

Use the ⇦ or ⇨ to set the Year



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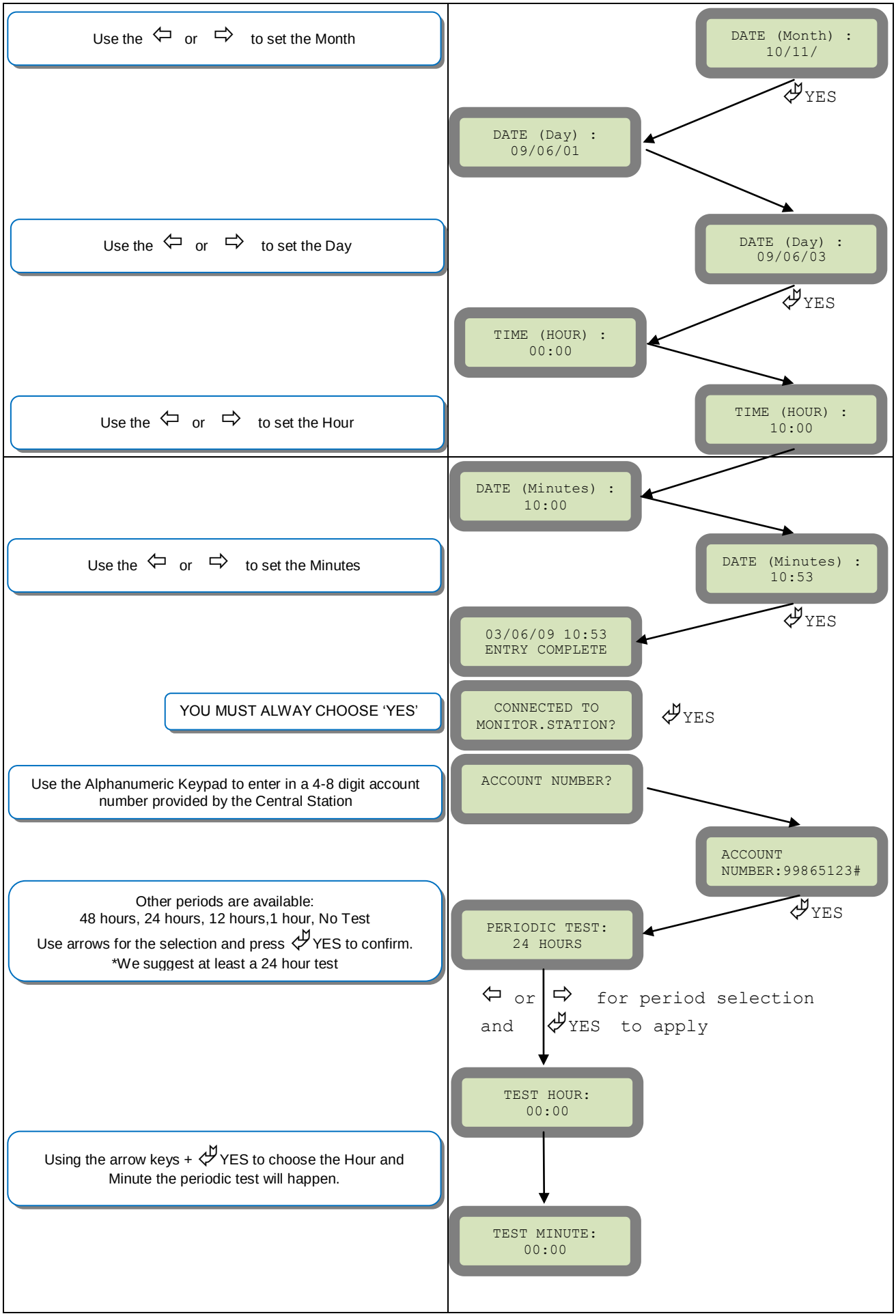

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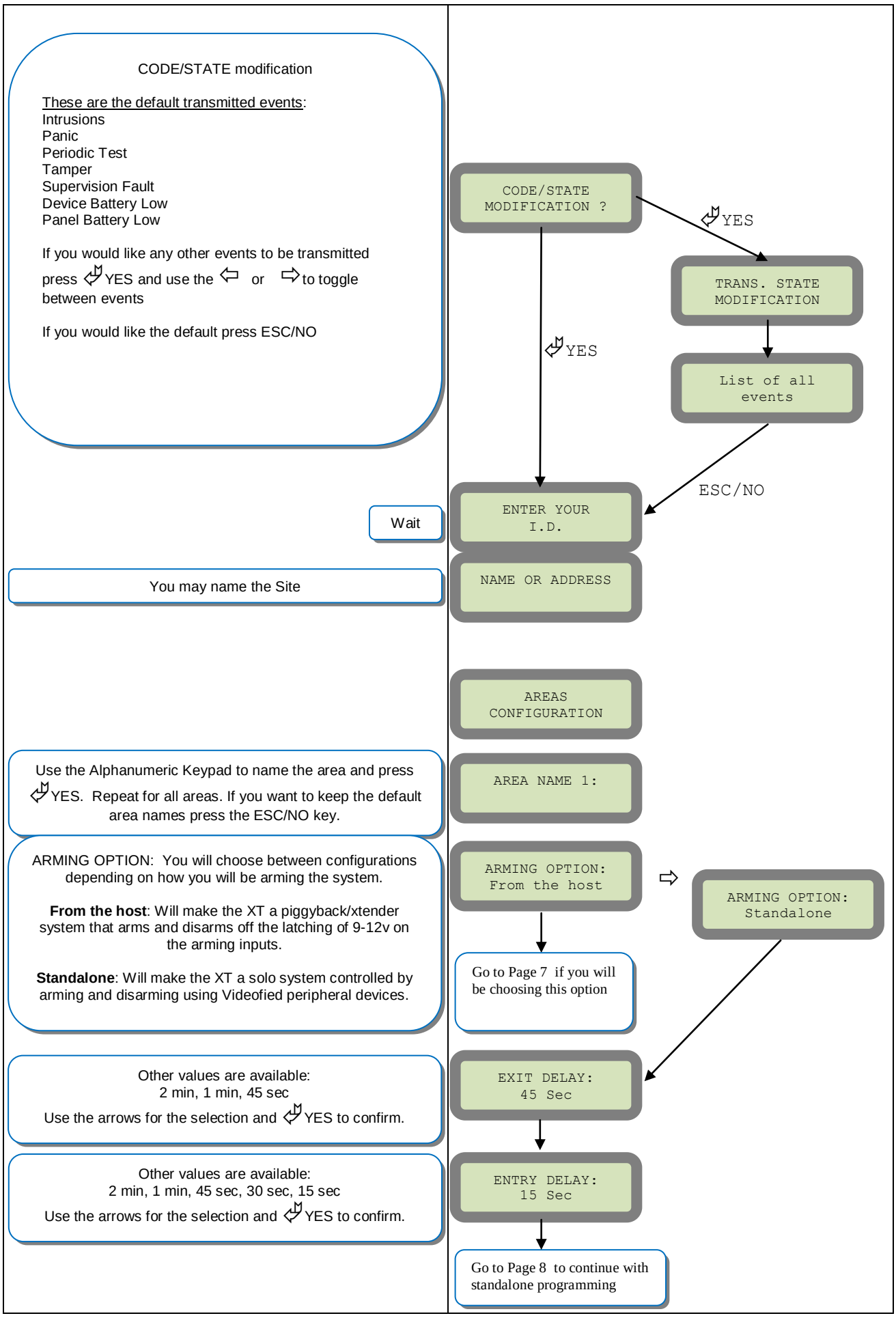

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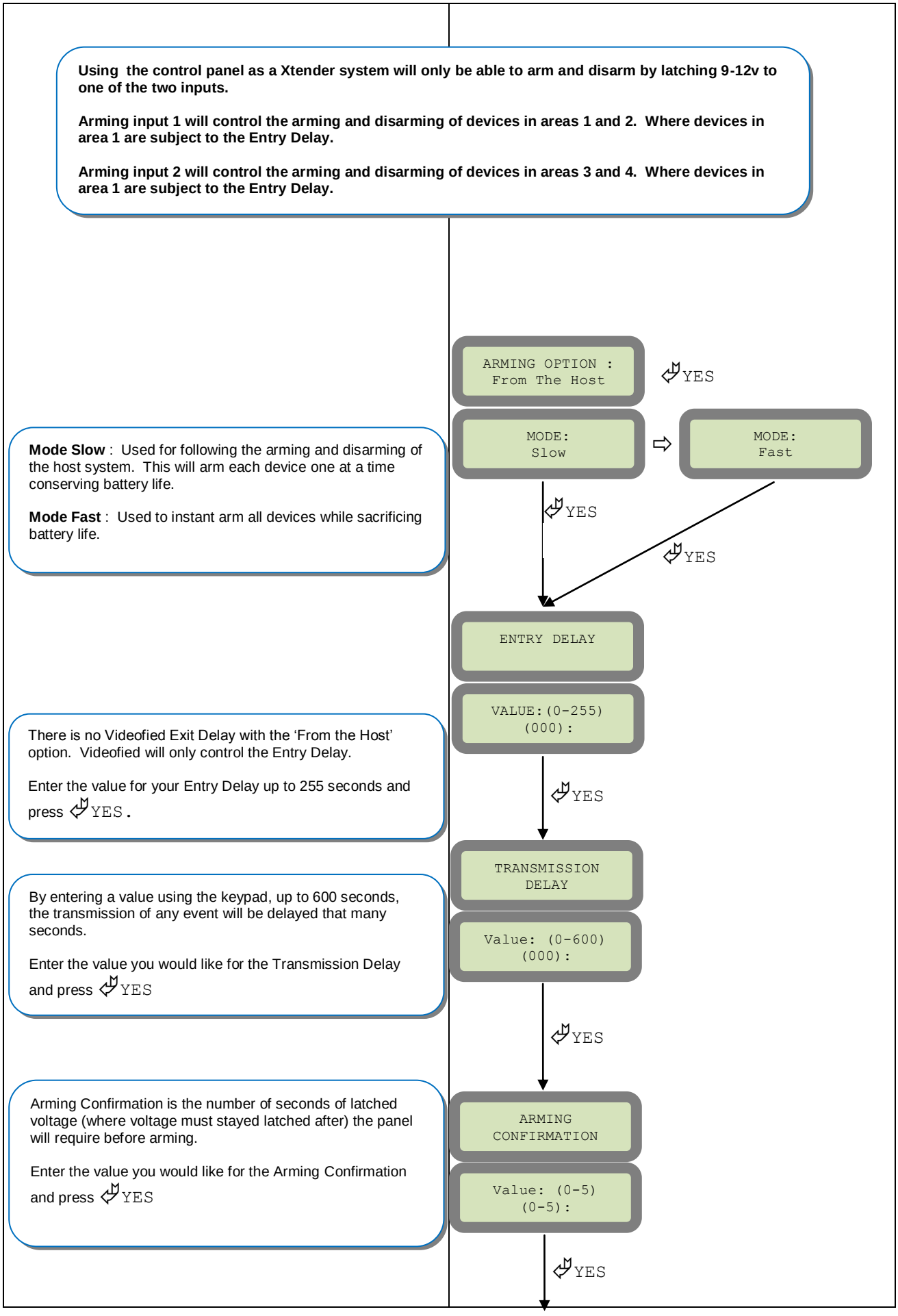
Using the control panel as a Xtender system will only be able to arm and disarm by latching 9-12v to one of the two inputs.

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 YES.

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 YES

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 YES

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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.

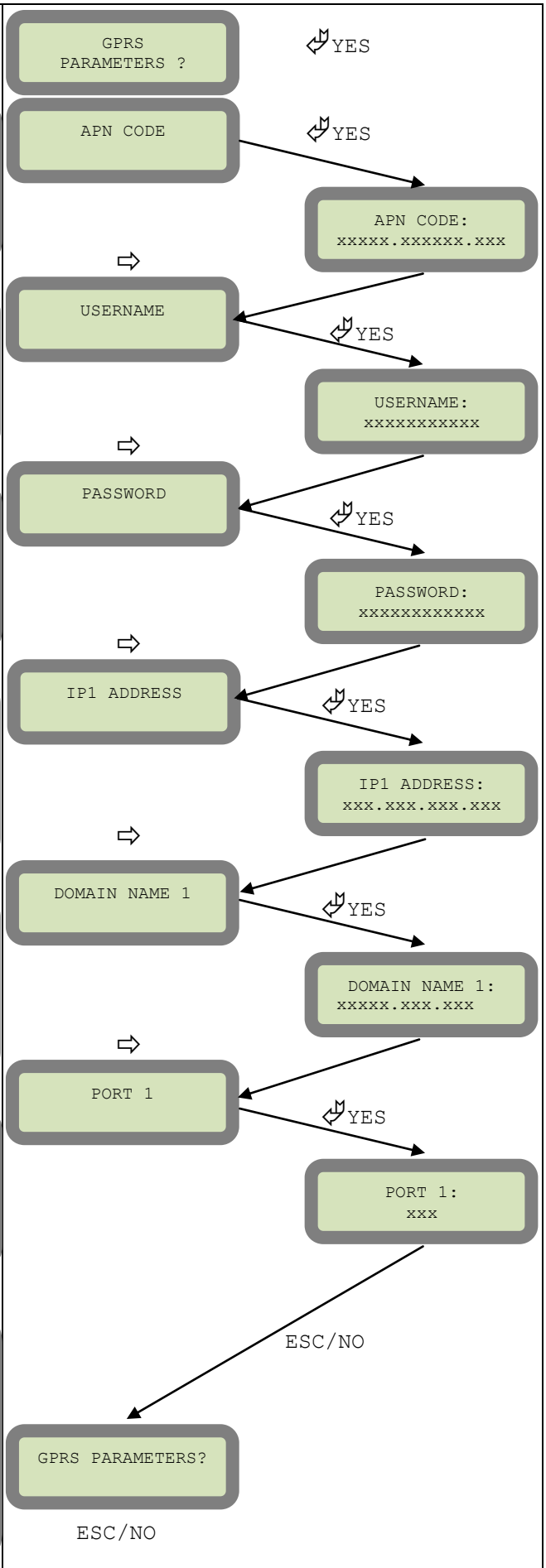
Your IP1 address is given to you by your Central Station. Press YES to enter into the parameter and use the Keypad to complete the address. Press YES to confirm your entry and the arrow to move to the next parameter. *You will use either a IP address or a Domain Name but not both

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.



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During the GPRS Level test the Modem will boot and attempt to gain access to the internet to post a Level out of 5 or an error Code that will help troubleshoot why it cannot connect. To keep the keypad awake use any keys on the keypad except the YES, ESC/NO, and CLR keys. This test can take up to 5 minutes. Once the level or error has posted press YES to continue in programming.

*For explanation of GPRS errors see page 9

Videofied will require a 3/5 or better for reliable transmission of Video alarms

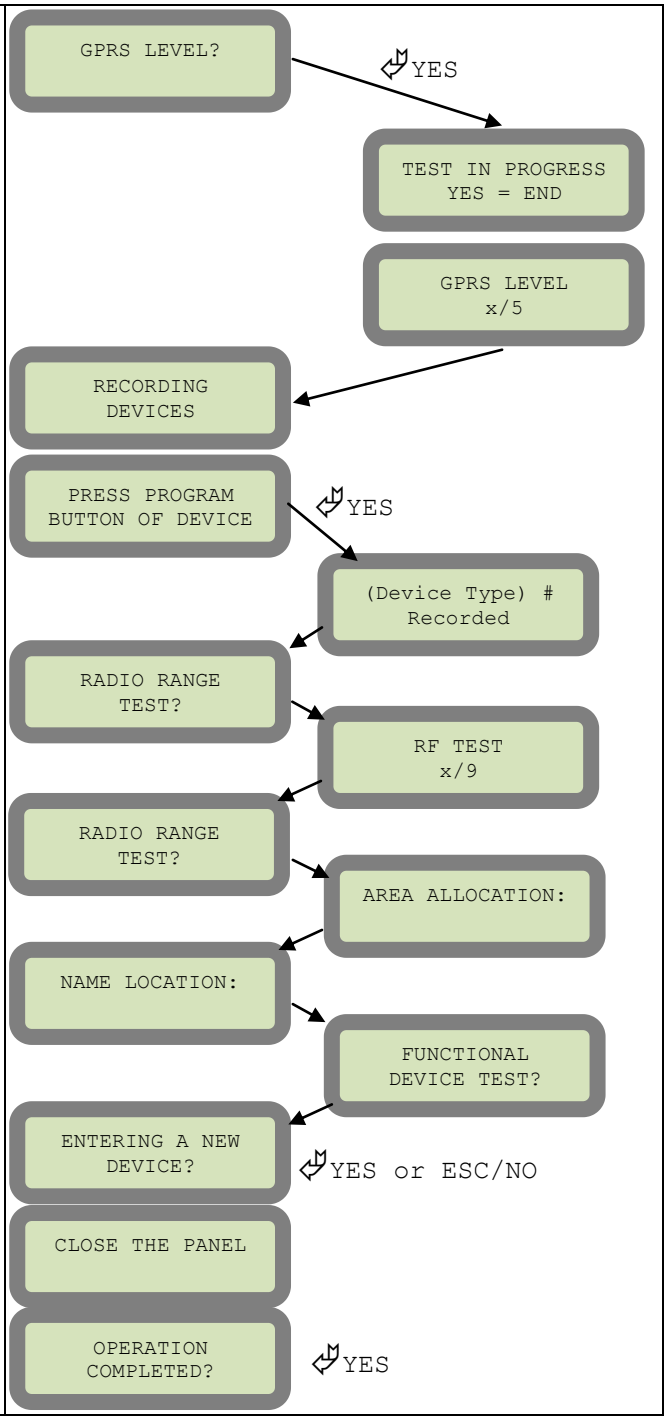
Each device has a unique programming button. Please reference the Installation Sheet for the device you would like to program.

Press YES on Radio Range Test? You must allow the Radio Range test to run for at least 30 seconds (9/9) before stopping the test by pressing YES.

Press ESC/NO if first Radio Range Test was successful.

Use the arrow keys to select the proper area. Devices that need an entry/exit delay should be set to AREA 1. Devices that must be instant trigger should be AREA 2. Press YES.

Before completing programming make sure that all tampers are depressed by verifying that each devices indicator LED is off



3. Other XT setup with CMA600 keypad (Standalone ONLY)

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

4. 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

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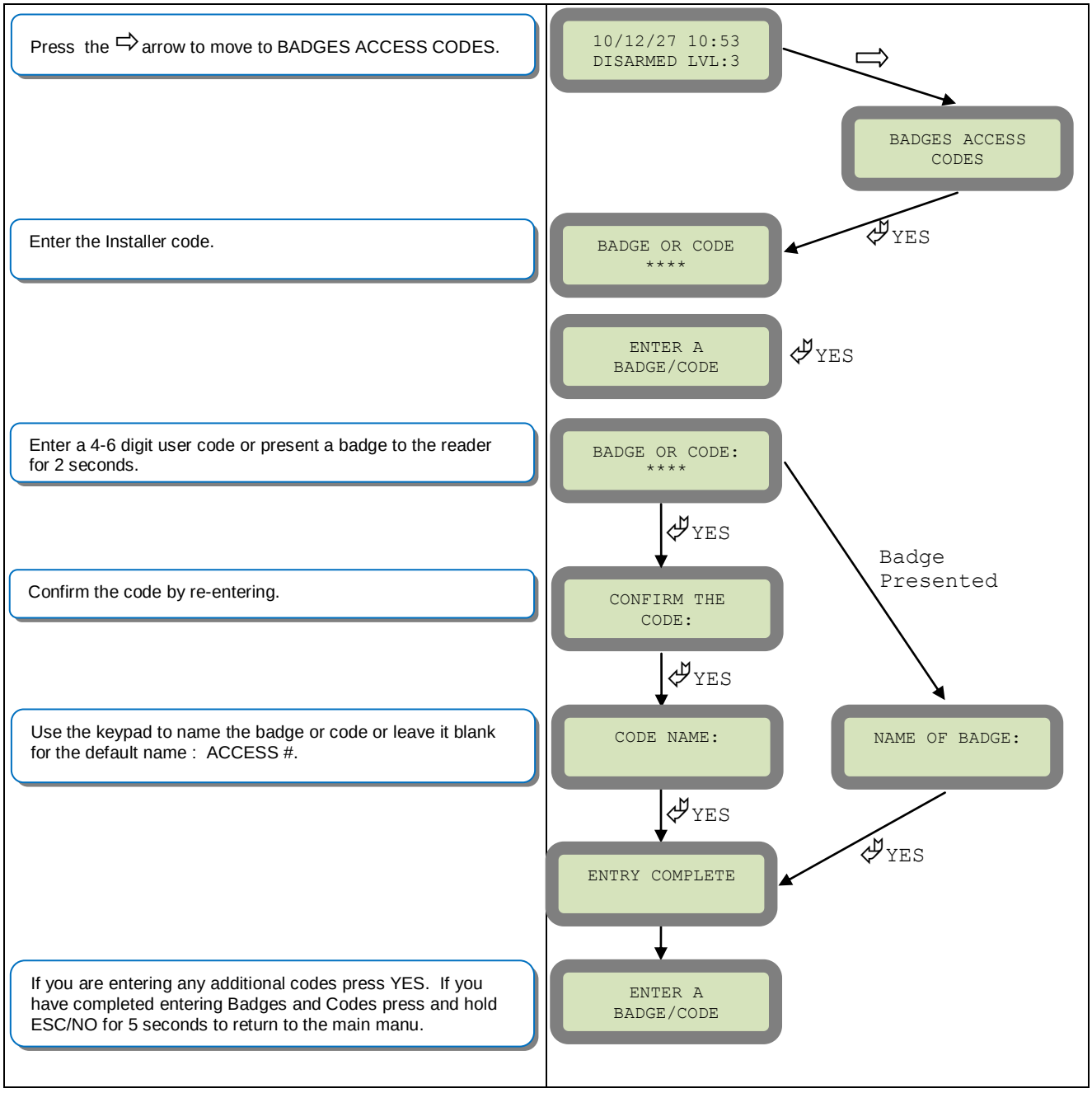
5. Entering a Badge or Access Code for Arming/Disarming

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.



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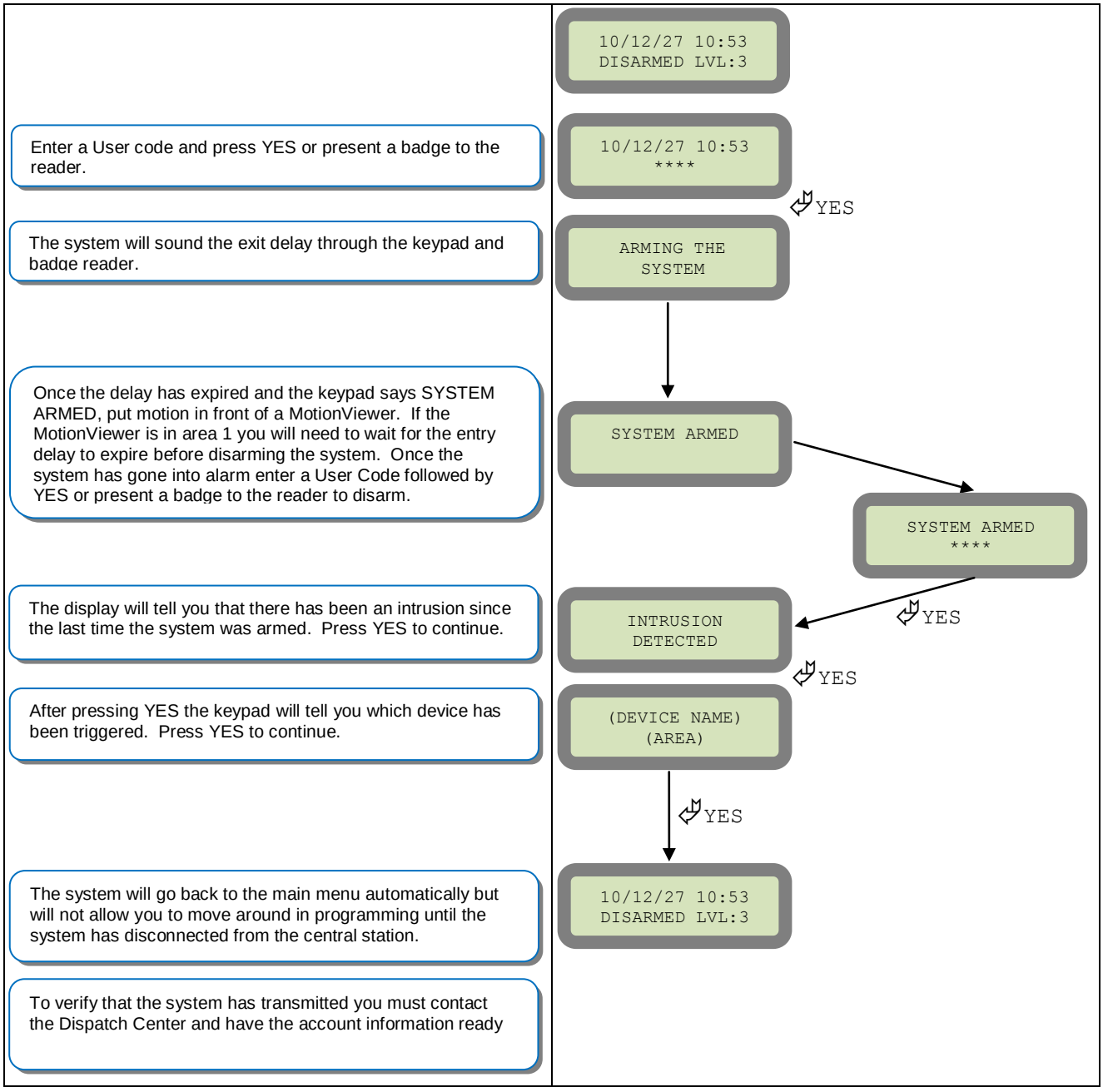
6. How to test to the dispatch center

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.



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7. How to mount the control panel and GPRS test

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

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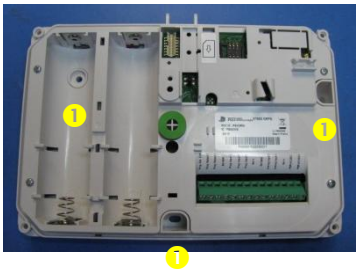
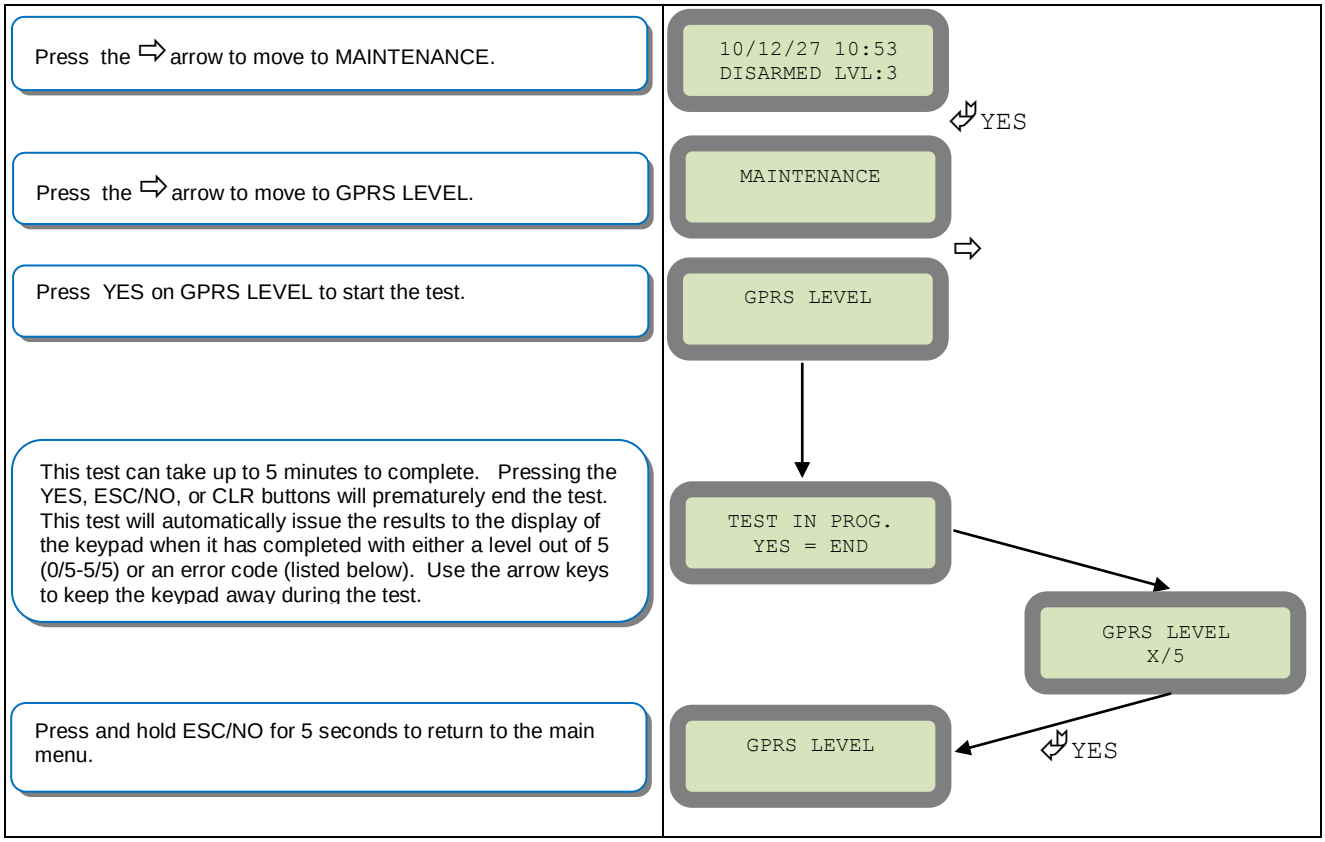


Once the system is mounted you will need to check the GPRS level to make sure it is adequate.



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

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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.

Press the ⇨ arrow to move to MAINTENANCE

Press the ⇦ arrow to move to DEVICE LOCATING

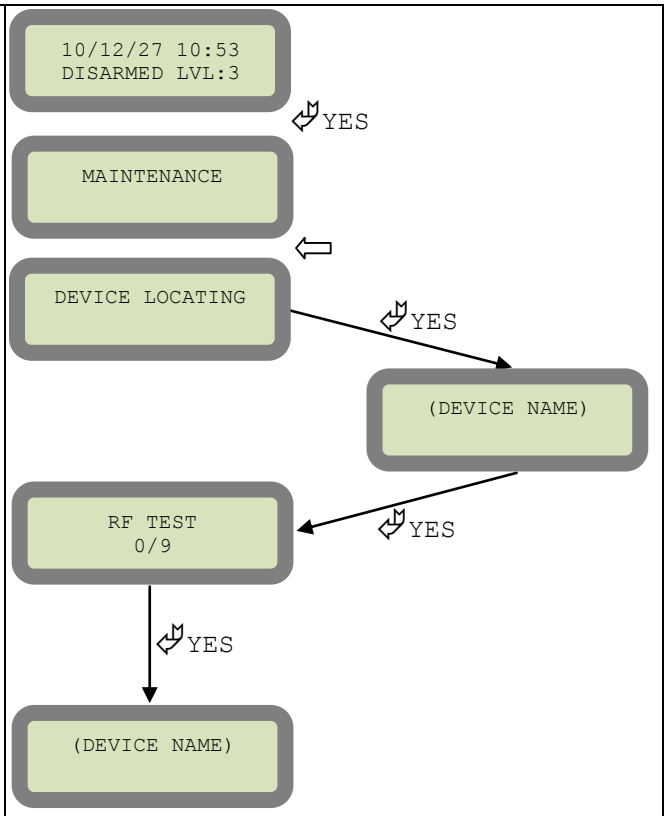
Press YES on DEVICE LOCATING to get to the list of devices. Use the arrow keys to find the device you would like to run the test for.

This test will run as long as you need it to. Pressing the YES, ESC/NO, or CLR buttons will end the test. This test will show the results on the display of the keypad relative to the number of successful pings to the panel. It is required to run the test for at least 30 seconds at the mounting location for accurate results and to have a 9/9 for reliable transmission of alarms and video. Press YES when you are finished with the test.

Press and hold ESC/NO for 5 seconds to return to the main menu.

Once all devices are checking in at 9/9, you are ready to test the full system to your central station. After arming and tripping each device call the central station and verify alarm and video of each device with dispatch.

Now you are ready to show the customer how to use the system.



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9. GPRS Antenna Connection

!WARNING!

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

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

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videofied™

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 intesity 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.

DATE / TIME DISARMED LVL: 3

ACCESS LEVEL 4

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

CONFIGURATION

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.

PROGRAMMABLE INPUT 1

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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

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General Configruation - 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.

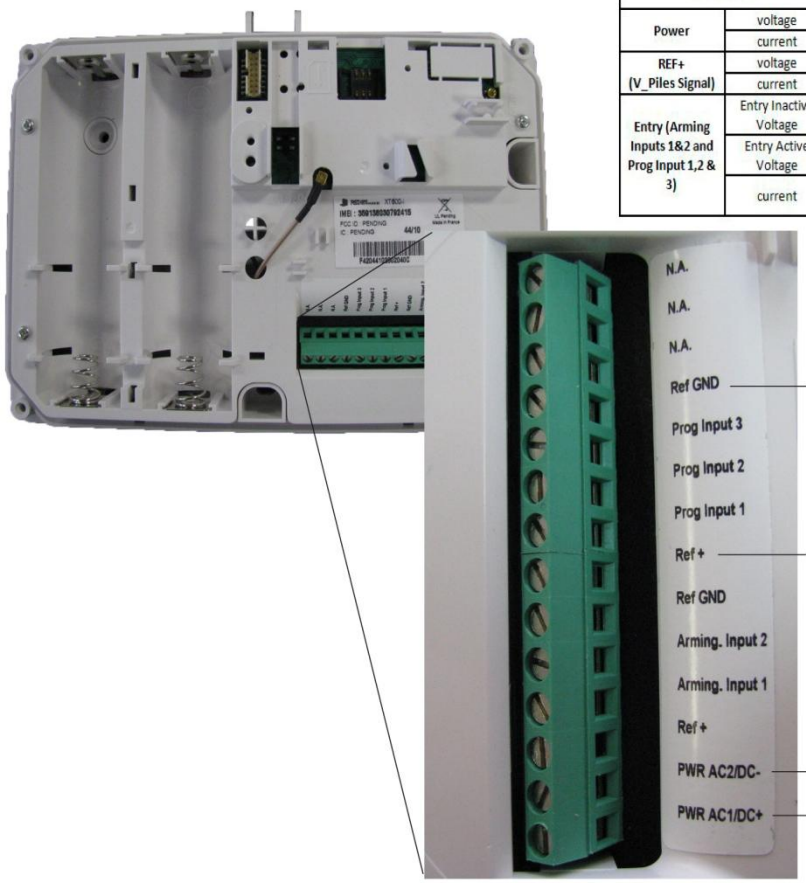
- SIREN - Activation of all sirens on the system
- WITHOUT SIREN - Only Keypad and Badge Reader sounders
- SILENT - No activation of any sounders or sirens
- DELAY BEEPS - Sounding of delay beeps then full siren

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



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

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

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

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