videofied
Made by RSI VIDEO TECHNOLOGIES

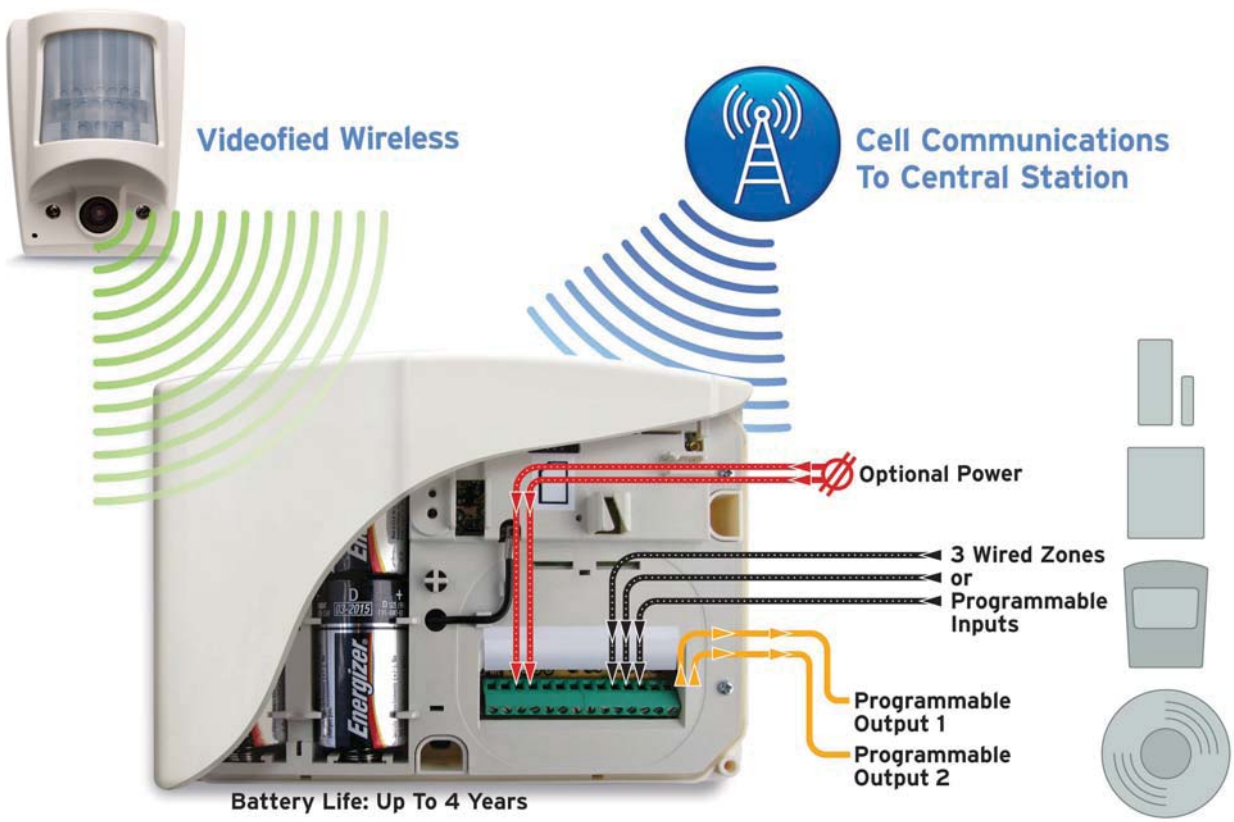
Security System **Videofied®** - **Model XT GPRS**

Made by RSI VIDEO TECHNOLOGIES

Installation Manual

Monitored GPRS Cellular alarm system for video verification.

XT GPRS - XT700i GPRS for Australia/New Zealand
XT600i GPRS for USA/Canada,
200 i GPRS for Europe and rest of the world.



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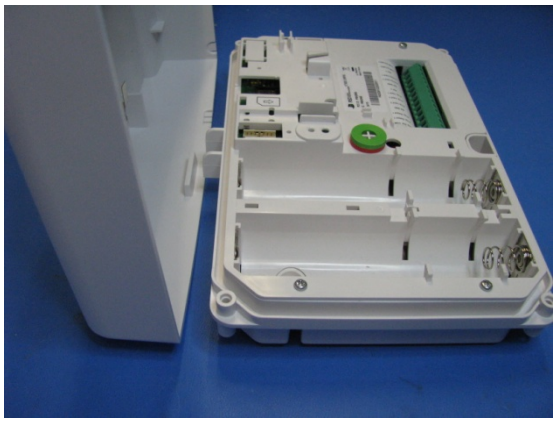
video alarm technologies

SETUP MANUAL
FOR
XT710 GPRS PANEL

THIS SYSTEM REQUIRES A CMA701 FOR PROGRAMMING

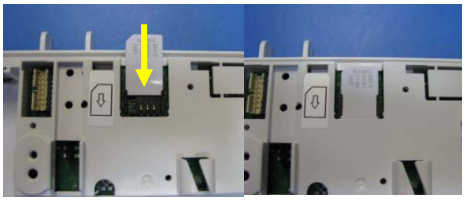
1. XT Installation

Open the Control Panel
Unscrew the 2 screws holding the panel together



i

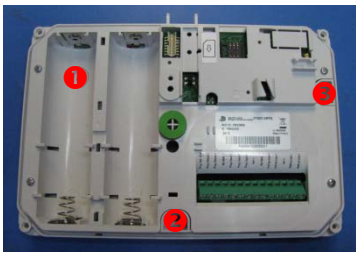
The SIM card must not be inserted or removed while the panel is powered



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

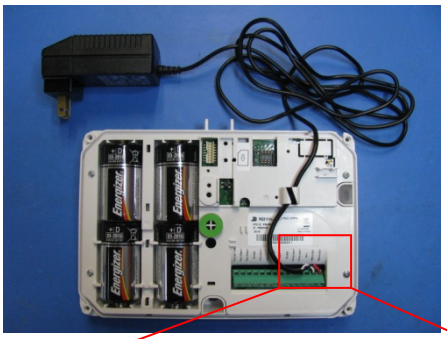
***How to Mount the Control Panel**
Fix the back casing on the wall
with 3 screws (❶ to❸).

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



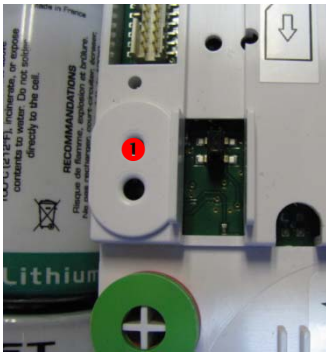
Power the XT panel

Option 1:	Option 2:
4 x LSH20 Lithium D-Cell Used for Standalone or Xtender mode without Programmable Inputs. (inputs may be used if N/O)	4 x E95 Alkaline D-Cell + 12DC power supply Used for Standalone or Xtender mode where Programmable Inputs/Mapping will be used

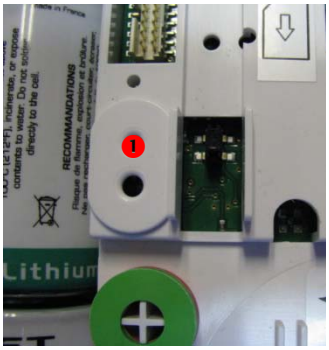


2. XT Programming

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



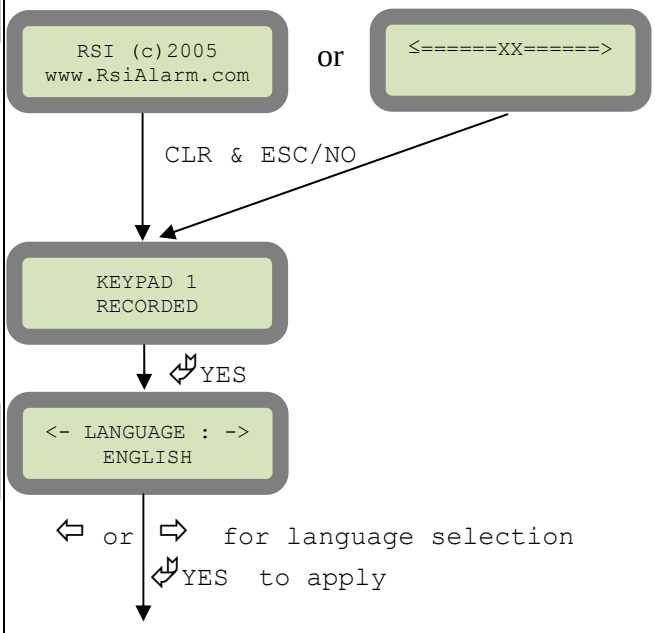
Press and instantly release the programming button (❶).
The indicator LED will blink once. The panel is now in 'Learn Mode' for the CMA701 keypad.



Insert all three batteries into the CMA701 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.

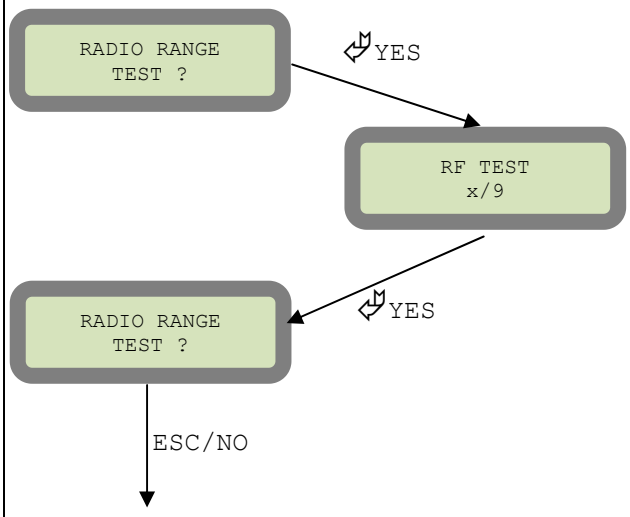
Other languages are available by scrolling with arrows.
ITALIANO, NEDERLANDS, DEUTSCH, CASTELLANO, SVENSKA, PORTUGUES, FRANCAIS
Press YES for the selected one.

CMA Programming Device/Keypad



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.



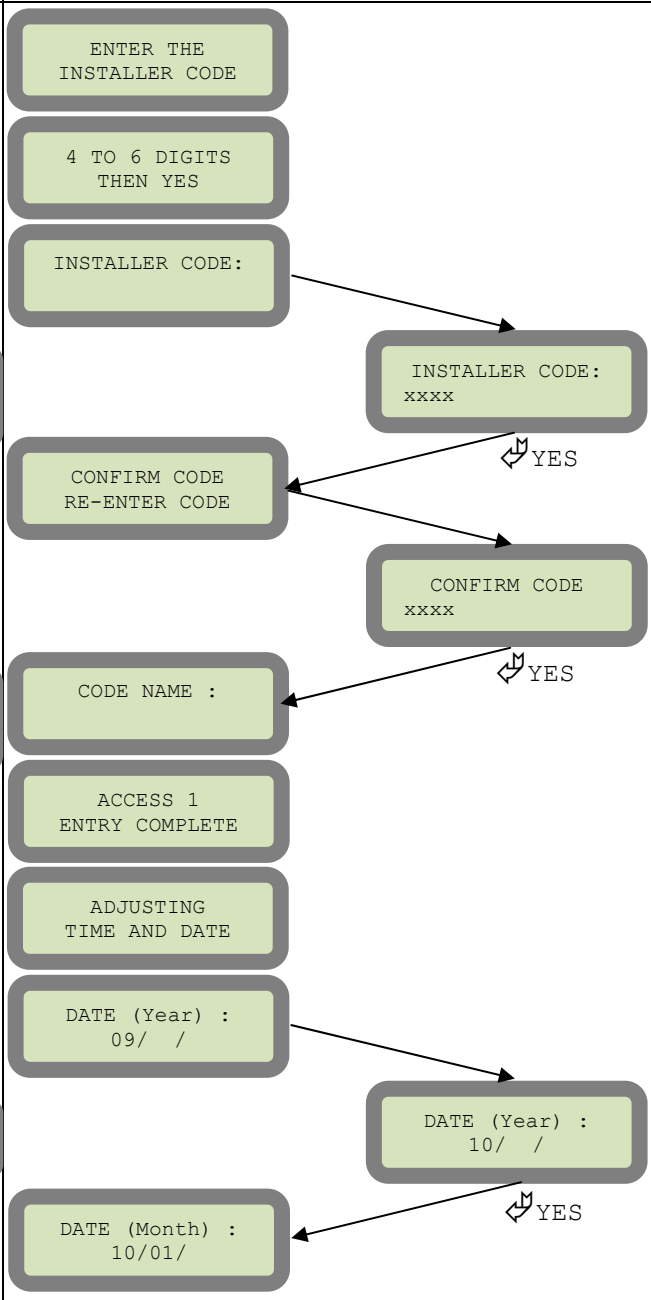
Wait while the screen changes

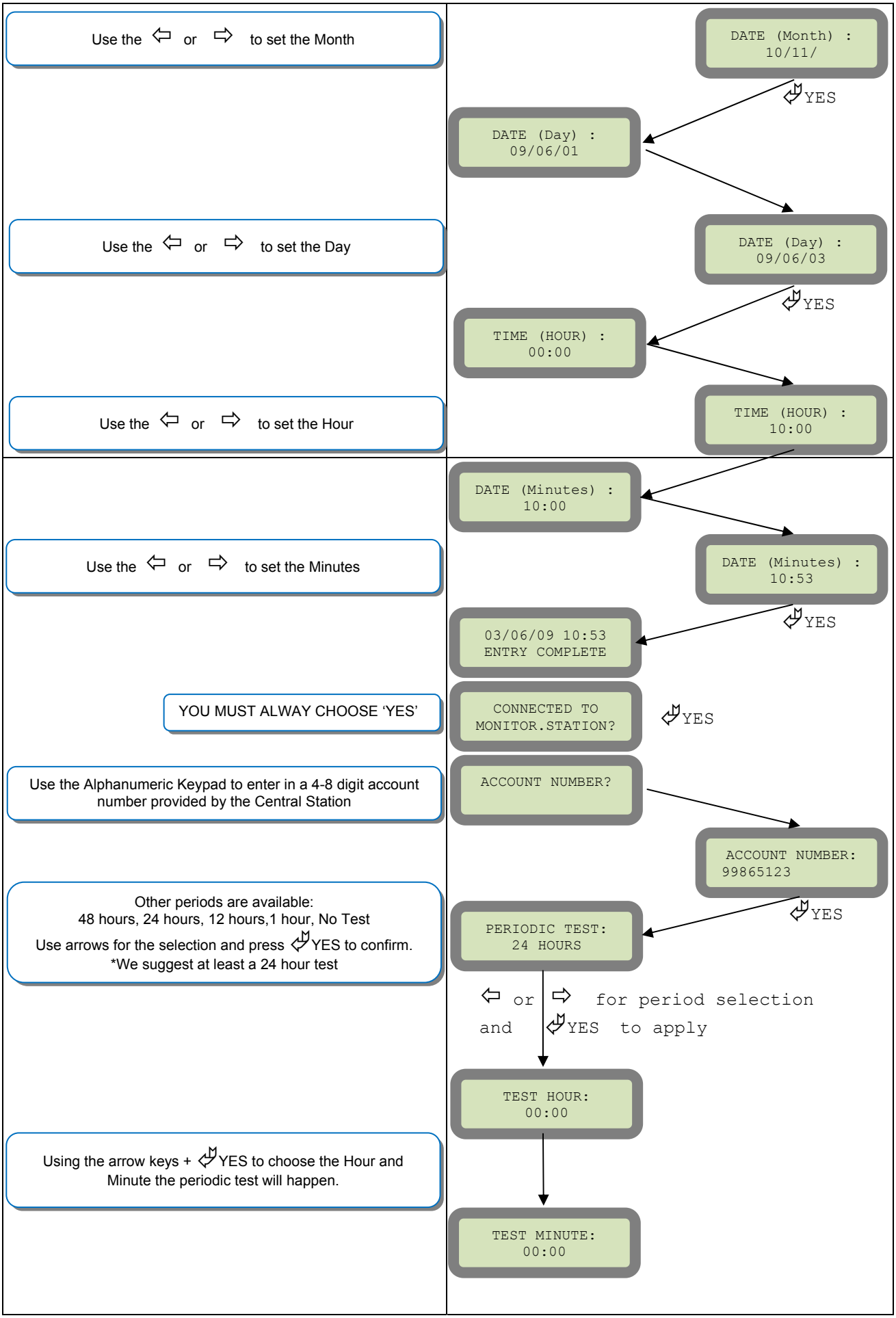
Use the Alphaumeric Keypad to enter the Installer Code
*This code is important to keep track of. There is no back door to the system

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




Use the ⇦ or ⇨ to set the Month
Use the ⇦ or ⇨ to set the Day
Use the ⇦ or ⇨ to set the Hour
Use the ⇦ or ⇨ to set the Minutes
YOU MUST ALWAY CHOOSE 'YES'
Use the Alphanumeric Keypad to enter in a 4-8 digit account number provided by the Central Station
Other periods are available:
48 hours, 24 hours, 12 hours,1 hour, No Test
Use arrows for the selection and press YES to confirm.
*We suggest at least a 24 hour test
Using the arrow keys + YES to choose the Hour and Minute the periodic test will happen.
DATE (Month) : 10/11/
YES
DATE (Day) : 09/06/01
DATE (Day) : 09/06/03
YES
TIME (HOUR) : 00:00
TIME (HOUR) : 10:00
DATE (Minutes) : 10:00
DATE (Minutes) : 10:53
YES
03/06/09 10:53 ENTRY COMPLETE
CONNECTED TO MONITOR.STATION?
YES
ACCOUNT NUMBER?
ACCOUNT NUMBER: 99865123
YES
PERIODIC TEST: 24 HOURS
⇦ or ⇨ for period selection and YES to apply
TEST HOUR: 00:00
TEST MINUTE: 00:00

CODE/STATE modification

These are the default transmitted events:
Intrusions
Panic
Periodic Test
Tamper
Supervision Fault
Device Battery Low
Panel Battery Low

If you would like any other events to be transmitted press YES and use the ⇦ or ⇨ to toggle between events

If you would like the default press ESC/NO

CODE/STATE MODIFICATION ?

YES

TRANS. STATE MODIFICATION

List of all events

YES

ESC/NO

ENTER YOUR I.D.

Wait

NAME OR ADDRESS

You may name the Site

AREAS CONFIGURATION

AREA NAME 1:

Use the Alphanumeric Keypad to name the area and press YES. Repeat for all areas. If you want to keep the default area names press the ESC/NO key.

ARMING OPTION: From the host

⇨

ARMING OPTION: Standalone

ARMING OPTION: You will choose between configurations depending on how you will be arming the system.

From the host: Will make the XT a piggyback/xtender system that arms and disarms off the latching of 9-12v on the arming inputs.

Standalone: Will make the XT a solo system controlled by arming and disarming using Videofied peripheral devices. (ie Wireless Keypad, Remote Control or Badge Reader)

Go to Page 7 if you will be choosing this option

EXIT DELAY: 45 Sec

Other values are available:
2 min, 1 min, 45 sec
Use the arrows for the selection and YES to confirm.

ENTRY DELAY: 15 Sec

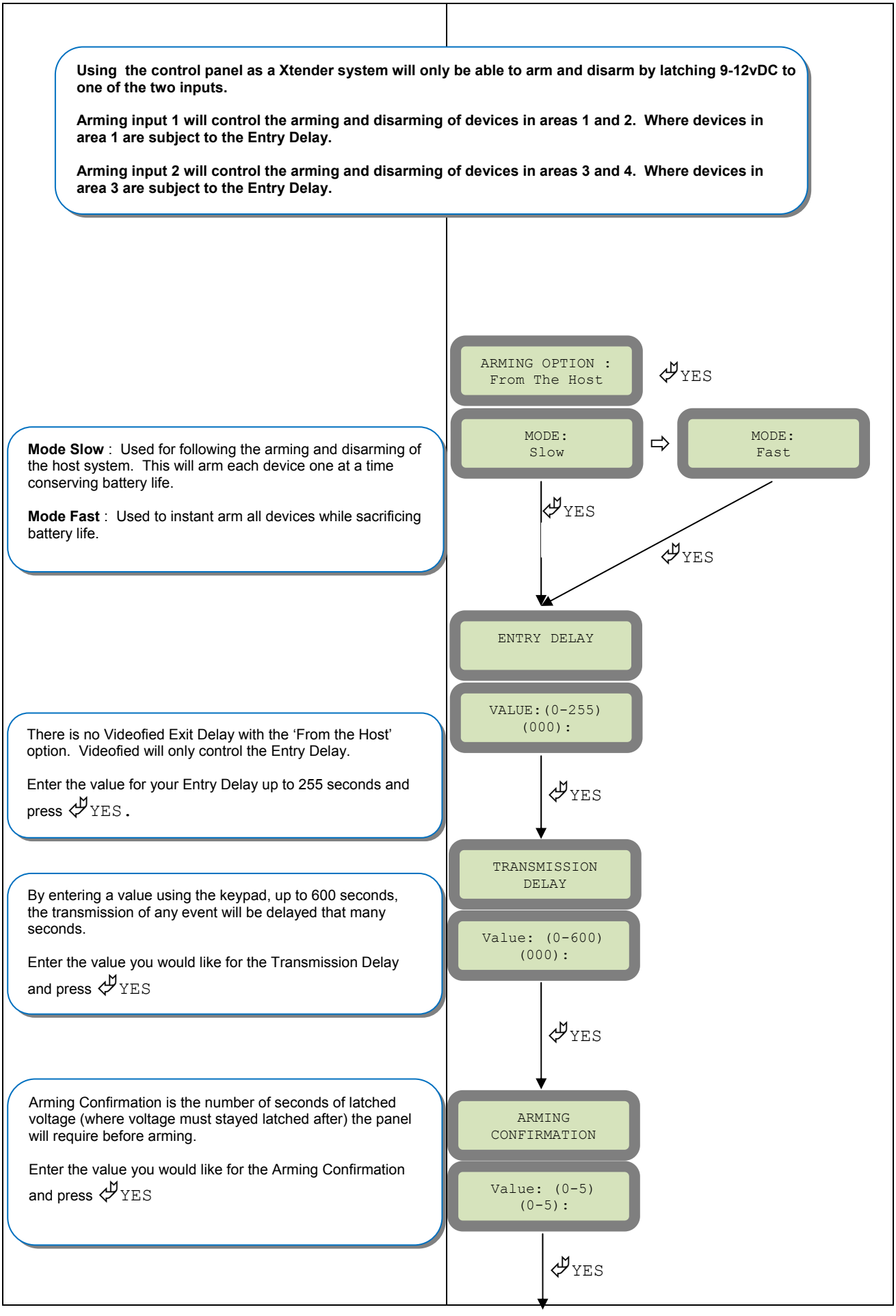
Other values are available:
2 min, 1 min, 45 sec, 30 sec, 15 sec
Use the arrows for the selection and YES to confirm.

Go to Page 8 to continue with standalone programming

Using the control panel as a Xtender system will only be able to arm and disarm by latching 9-12vDC 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 3 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

DETAILED APN INFORMATION page 10

Your APN code (Access Point Name) is given to you by your SIM card 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 SIM card 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 SIM card 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.

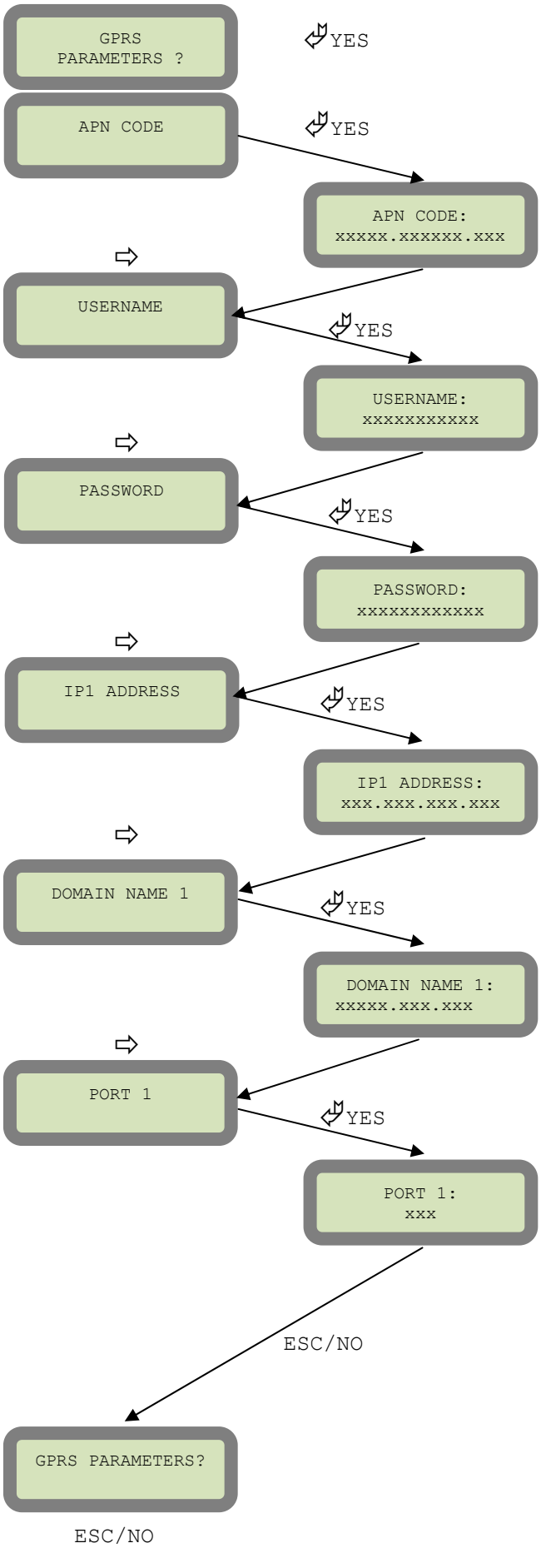
Your IP1 address is given to you by your Monitoring Station. Press YES to enter into the parameter and use the Keypad to complete the address. Press YES to confirm your entry and the arrow to move to the next parameter. *You will use either a IP address or a Domain Name but not both

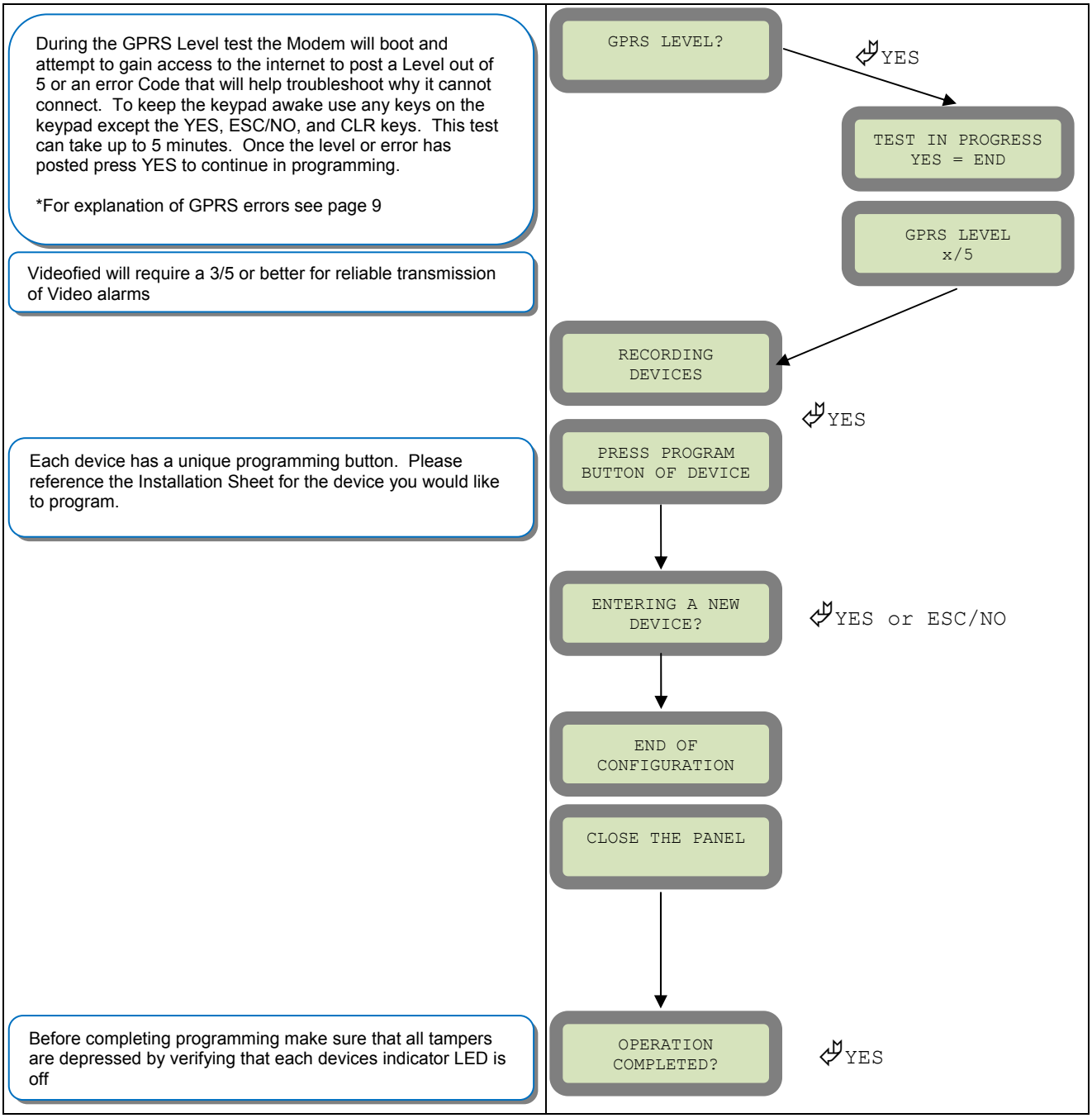
Your Domain Name is given to you by your Monitoring Station. Press YES to enter into the parameter and use the Keypad to complete the name. Press YES to confirm your entry and the arrow to move to the next parameter. *You will use either a IP address or a Domain Name but not both leave it blank if an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

The Port is given to you by your Monitoring 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 Monitoring 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.





3. Other XTi setup with CMA701 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

APN Technical Note:

Access Point Name (APN) is a configurable network identifier used by mobile devices when connecting to a GSM/GPRS carrier. This APN – network identifier is specific to the SIM card service provider. See a list of APN's that relate to common Australian/New Zealand Sim card service providers.

The GPRS Parameters – Settings of Videofied require the APN to be entered in **lower case.**

If the SIM card service is being used on the **Public Network**, then the **USERNAME** and **PASSWORD** fields are to be left **blank.**

If the SIM card service is being used on the **Corporate – Private Network**, then the **USERNAME** and **PASSWORD MUST** be entered to communicate to the monitoring station. These entries are case sensitive. The username and password is to be provided by your SIM card provider or your monitoring station.

APN - Australian / New Zealand

SIM Card Service Provider	APN	Username & Password Fields
Telstra public	telstra.wap OR telstra.internet	*BLANK*
Telstra Private	telstra.corp	Required (case sensitive)
Vodafone (AUS)	vfinternet.au	*BLANK*
Vodafone (NZ)	internet	*BLANK*
Optus	internet	*BLANK*

XT700i GPRS control panels are wireless battery operated alarm systems designed for residential, small business security applications and both indoor and outdoor commercial applications. Through the use of the MotionViewer and Videofied products, the XT700i GPRS panel offers video verification in case of intrusion.

The XT control panel has three programmable inputs. Note that we advise to use a power supply when using the programmable inputs.

The XT control panel can either be used as a STANDALONE or XTENDER (piggyback) to an exisiting alarm panel.

This application note will focus on the configuration and the use of this programmable inputs. You will be able to program your programmable input(s) by reading the Configuration section. The Use section will get you an idea of the practical use of programmable inputs.

PROGRAMMABLE INPUT 1, PROGRAMMABLE INPUT 2 and **PROGRAMMABLE INPUT 3** are triggered by voltage between 9V and 15V and an intensity between 1,5mA (@9V) 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. (See Diagram Page 3 - PROGRAMMABLE INPUT 1 is set up as a panic button).

The XT control panel also offers a mapping feature. Mapping option allows the input to generate a video-clip via a MotionViewer when a programmable input is triggered and/or when an event occurs. (See Mapping Application note) An obvious application for this feature is HoldUp alarm event video verification.

Please note that programmable inputs can be allocated to events such as:

INTRUSION	Intrusion event. With siren by default.
TAMPER	Tamper event. With siren by default.
PANIC BUTTON	Panic Button event. With siren by default.
INCORRECT CODE	Incorrect code event. With siren by default.
DURESS CODE1	Duress code event. Without siren by default.cto.
DURESS CODE2	Duress code event. With siren by default.
SUPERVISION	Supervision defect event. Without siren by default.
RADIO JAMMING	Radio jamming event. Without siren by default.
LOW PANEL BATT.	Low panel batteries event. Without siren by default.
LOW DEVICE BATT.	Low device batteries event. Without siren by default.
AC POWER MISS.	AC Power missing event. Without siren by default.
PANEL RESET	Panel reset event. Without siren by default.
SYSTEM ARMED	System armed event. Without siren by default.
SYSTEM DESARMED	System desarmed event. Without siren by default.
PERIODIC TEST	Periodic test event. Without siren by default.
ALARM CANCEL	Alarm cancel event. Without siren by default.
SMOKE DETECTION	Smoke detection event. With siren by default.
PHONELINE MISS.	Phoneline missing event. Without siren by default.
TMT REQUEST	TMT request event. Without siren by default.

1. Configuration : programmable inputs

PROGRAMMABLE INPUTS CONFIGURATION

(Use ← and → to change values)

1.ACCESS LEVEL + YES
2.ACCESS LEVEL : 4 + YES
3.ENTER YOUR INSTALLER BADGE OR CODE + YES
4.CONFIGURATION + YES
5.ENTER YOUR INSTALLER BADGE OR CODE + YES
6.GENERAL PARAMETERS + YES
7.PROGRAMMABLE INPUTS + YES

Keypad screen	Notes
PROGRAMMABLE INPUTS	Programmable Inputs configuration menu
PROGRAMMABLE INPUT 1	Programmable Input 1 configuration menu
TRANSMISSION : ENABLED// DISABLED//ONLY IF ARMED	Programmable Input 1 status configuration. ENABLED : PROGRAMMABLE INPUT ENABLED // DISABLED : PROGRAMMABLE INPUT DISABLED // ONLY IF ARMED : PROGRAMMABLE INPUT works only if the system is armed.
ALARM MODE : ALARM // ALARME / END	Alarm Mode configuration. ALARM : From the start of the event - Open . ALARM / END : From the start of the event, as well as from the end of the event – OPEN / CLOSE.
INPUT TYPE : NORM. OPEN // NORM. CLOSED	Programmable Input type configuration. NORMALLY OPEN : Your programmable input is open by default. NORMALLY CLOSED: Your programmable input is close by default.
EVENT TYPE	Event type choice. (See Event Type list in Page 1)
INPUT NAME	Programmable input name choice
SIREN MODE : SIREN // SILENT // WITHOUT SIREN	Siren mode choice when programmable input is triggered. SIREN : Siren enabled. SILENT: Siren disabled. WITHOUT SIREN : Siren disabled however beep on keypad enabled.
MAPPING : DISABLED // CAMERA NAME	The Mapping feature allows to generate a video-clip via a Motion Viewer when a programmable input is triggered and/or when an event occurs. DISABLED : MAPPING disabled. CAMERA NAME : Camera choice generating video-clip.
PROGRAMMABLE INPUT 2	Programmable Input 2 configuration menu
PROGRAMMABLE INPUT 2	Programmable Input 3 configuration menu

2. Use : programmable inputs

Example 1 : PROGRAMMABLE INPUT 1 is a Panic Button.

Keypad screen

- PROGRAMMABLE INPUTS
  - PROGRAMMABLE INPUT 1
    - TRANSMISSION : ENABLED
    - ALARM MODE : ALARM
    - INPUT TYPE : NORMALLY OPEN
    - EVENT TYPE : PANIC BUTTON
    - INPUT NAME : PANIC BUTTON
    - SIREN MODE : SILENT
    - MAPPING : CAMERA NAME

Notes

It is necessary to enable the transmission of the programmable input in order to transmit the event linked to the panic button.

The choice of ALARM in ALARM MODE will allow you to transmit the Panic Button event when the panic button is activated.

The panic button is normally open by default, INPUT TYPE is NORMALLY OPEN.

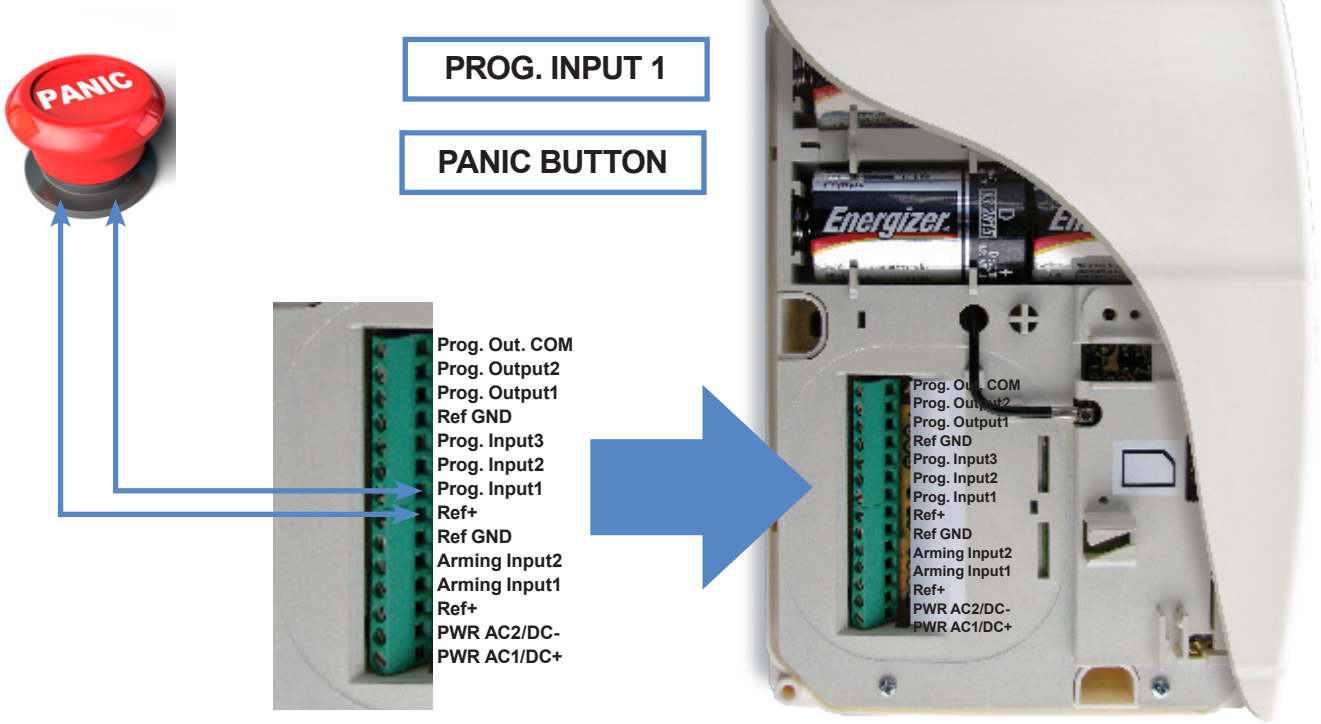
The event linked to the panic button is PANIC BUTTON.

Programmable input's name, for example : PANIC BUTTON.

Siren mode when panic button is triggered. It can be interesting to select the SILENT mode in SIREN MODE in order to deactivate the panel's siren and avoid all sound warnings.

The Mapping feature allows to generate a video-clip via a Motion Viewer when the panic button is triggered . CAMERA NAME : Name of the camera generating a video-clip.

Wiring



2. Use : programmable inputs

Example 2 : PROGRAMMABLE INPUT 1 is a Wired magnetic contact.

Keypad screen

- PROGRAMMABLE INPUTS
  - PROGRAMMABLE INPUT 1
    - TRANSMISSION : ONLY IF ARMED
    - ALARM MODE : ALARME / END
    - INPUT TYPE : NORMALLY CLOSED
    - EVENT TYPE : INTRUSION
    - INPUT NAME : MAGNETIC CONTACT
    - SIREN MODE : SIREN
    - MAPPING : CAMERA NAME

Notes

The main objective is to transmit events from the existing panel. It is important to select TRANSMISSION : ONLY IF ARMED in order to transmit only when the system is armed by the user.

The choice of ALARM / END in ALARM MODE is interesting in order to transmit opening and closing of an event.

The existing magnetic contact is normally closed by default, INPUT TYPE is NORMALLY CLOSED.

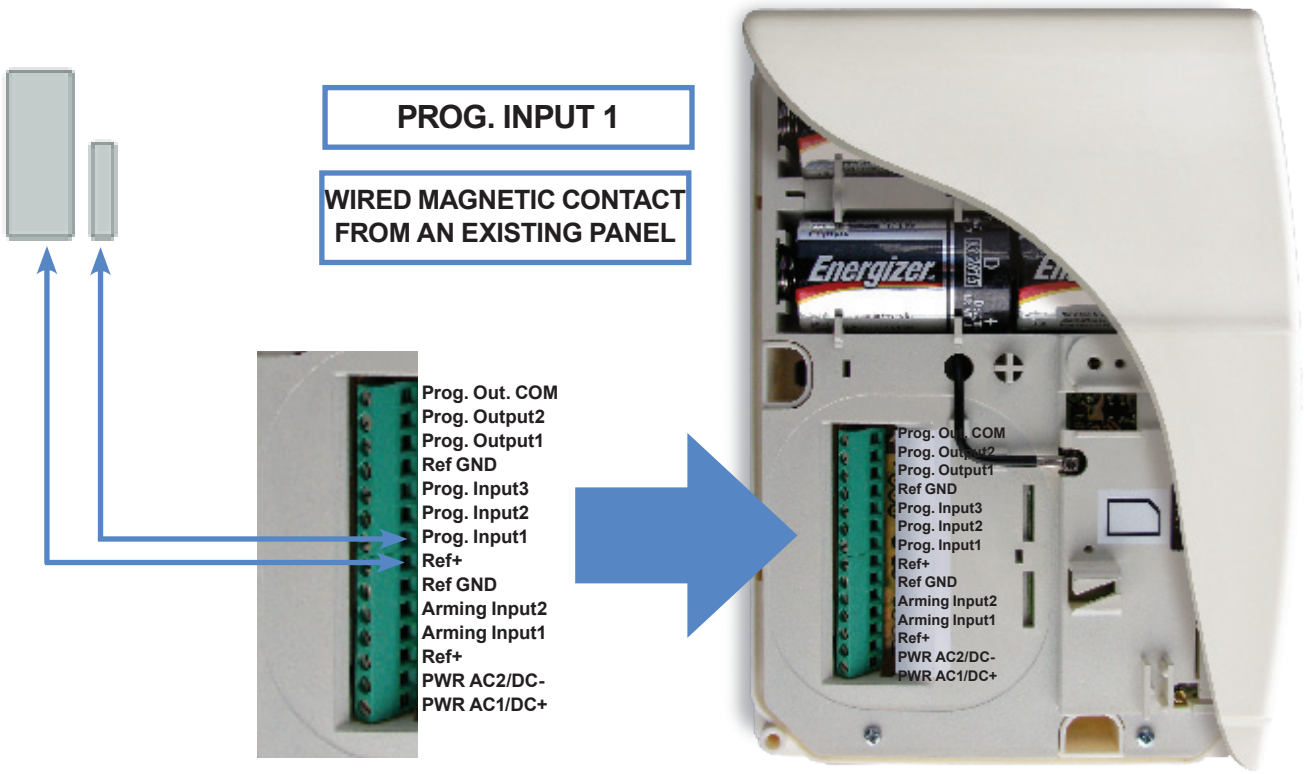
The event linked to the existing magnetic contact is INTRUSION.

Programmable input's name, for example : MAGNETIC CONTACT.

Siren mode when existing magnetic contact is triggered. The SIREN mode in SIREN MODE will allow you to activate the videofied siren in case of detection on the existing system.

The Mapping feature allows to generate a video-clip via a Motion Viewer when the magnetic contact is opened-triggered . CAMERA NAME : Name of the camera generating a video-clip.

Wiring



2. Use : programmable inputs

Example 3 : PROGRAMMABLE INPUT 1 is an Infrared beam.

Keypad screen

- PROGRAMMABLE INPUTS
  - PROGRAMMABLE INPUT 1
    - TRANSMISSION : ONLY IF ARMED
    - ALARM MODE : ALARM
    - INPUT TYPE : NORM. OPEN// NORM. CLOSED
    - EVENT TYPE : INTRUSION
    - INPUT NAME : INFRARED BEAM
    - SIREN MODE : SIREN
    - MAPPING : CAMERA NAME

Notes

The main objective is to transmit an external event. It is important to select TRANSMISSION : ONLY IF ARMED in order to transmit only when the system is armed by the user.

The choice of ALARM in ALARM MODE will allow you to transmit the intrusion event when infrared beam is triggered.

Depending on the infrared beam you use, choose NORM. OPEN or NORM. CLOSED.

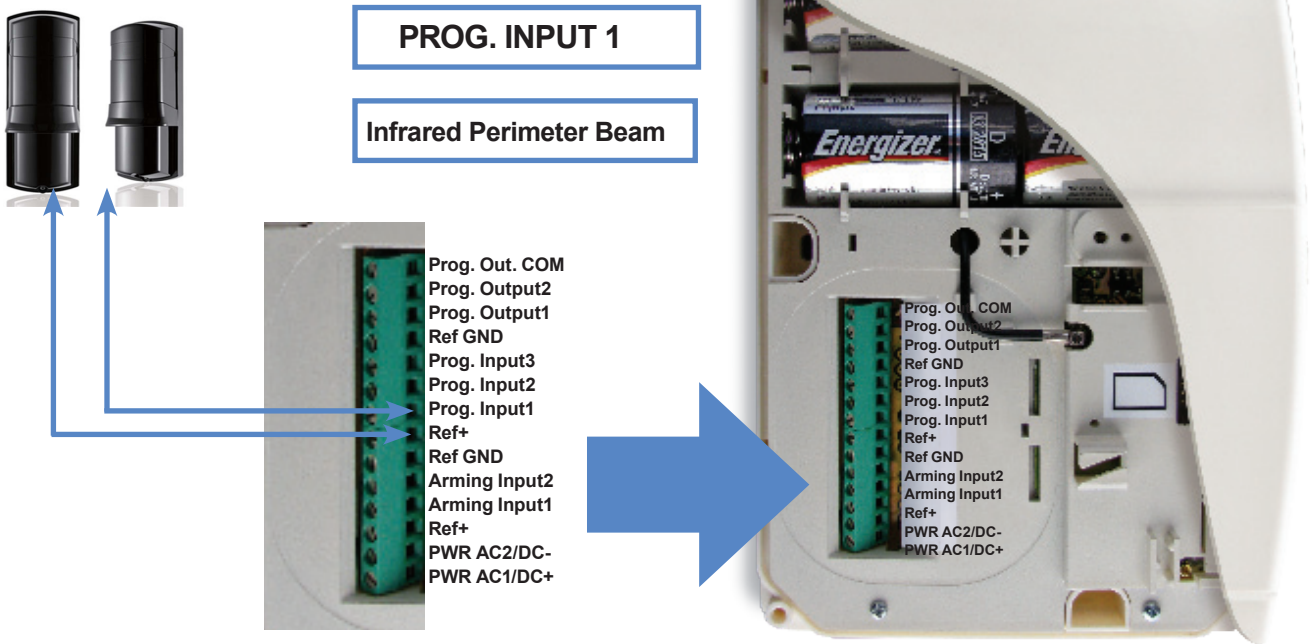
The event linked to the infrared beams is INTRUSION

Programmable input's name, for example : INFRARED BEAM.

Siren mode when infrared beam is triggered. The SIREN mode in SIREN MODE will allow you to activate the videofied siren in case of detection the infrared beam.

The Mapping feature allows to generate a video-clip via a Motion Viewer when the Infrared Beam is triggered . CAMERA NAME : Name of the camera generating a video-clip.

Wiring



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videofied™

General Configuration - Programmable Outputs

PRODUCT APPLICATION NOTE

Manufactured by RSI Video Technologies July 2011

The RSI Video Technologies XT series control panels can trigger up to 2 relays hard wired to external devices you would like activated based on an event in the Videofied control panel.

YOU CAN ONLY USE THE OUTPUTS WITH ALKALINE + POWER SUPPLY

Programmable Outputs can be triggered by a specific event, programmable input, or arming input and can stay latched for up to 180 seconds.

This application note will focus on the configuration and use of the programmable outputs.

Required Products:

XT600 series control panel

CMA601 Alphanumeric keypad

External device that you would like to trigger

Configuration of the programmable Outputs 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 OUTPUTS and press YES. It will now show you OUTPUT 1. Use the RIGHT or LEFT ARROW keys to choose which programmable output you will be using and press YES.

OUTPUT 1

After choosing which programmable output you will be using you will be required to configure the output for triggering event, and features of the output. 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.

STATUS: DISABLED

ENABLED - Will activate the output based on the configuration

DISABLED - Output will not be triggered

TRANSMISSION
ENABLED

LENGTH ACTIV: (0-180sec)

ALARM = Appearance of the event only

ALARM/END = Appearance and restoral of the event

ALARM MODE:
ALARM

EVENT TRIGGER TYPE: INTRUSION

The Event type determines the event that is used to trigger the programmable output.

EVENT TYPE:
INTRUSION

Event Types:

INTRUSION -	SYSTEM ARMED -
TAMPER -	SYSTEM DISARMED -
PANIC BUTTON -	PERIODIC TEST-
INCORRECT CODE -	ALARM CANCEL -
DURESS CODE-	SMOKE DETECTION -
DURESS CODE-	PHONELINE MISS. -
SUPERVISION -	TMT REQUEST -
RADIO JAMMING -	PROGRAMMABLE INPUT 1 -
LOW PANEL BATT -	PROGRAMMABLE INPUT 2 -
LOW DEVICE BATT-	PROGRAMMABLE INPUT 3 -
AC POWER MISS. -	ARMING INPUT 1 -
PANEL RESET -	ARMING INPUT 2 -

OUTPUT NAME:

Allows you to name the programmable output for identification.

OUTPUT NAME

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 triggering an external hardwired device you must be hooked up here.

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

XTender Mode
XT200/XT600/XT700

Auteurs : Frédéric LANCELIN
Diffusion : RSI Video Technologies
Date : 23/12/2010
Ref : XTx00 Application Note_EN.doc
Version : 1.0 – FR

Suivi des versions :

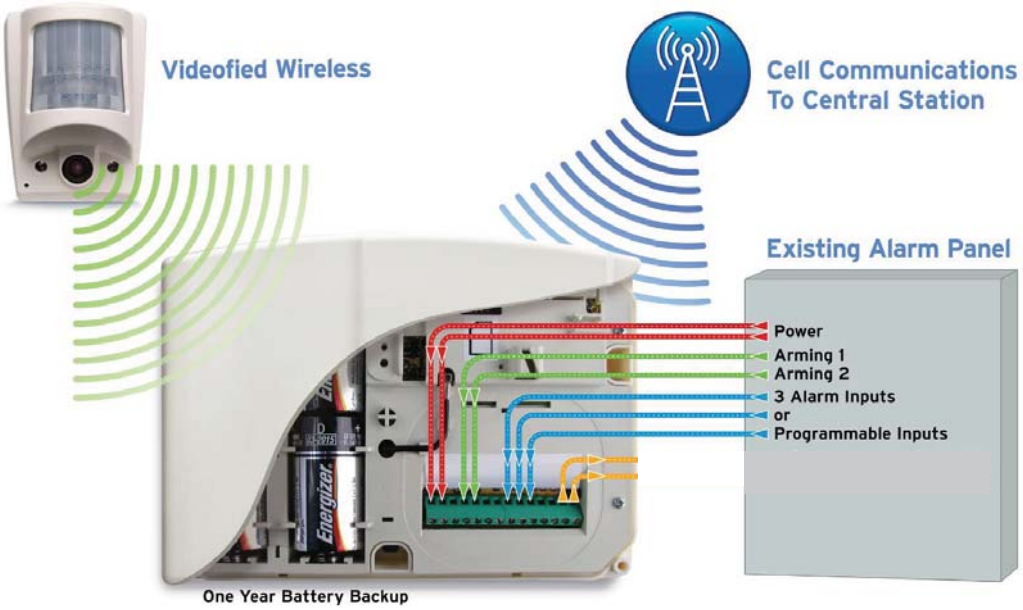
Date	Version	Auteur	Modifications
23/12/2010	0.1	F. LANCELIN	Creation
23/12/2010	1.0	F. LANCELIN	More Specs

1. Introduction

This is a short application note on the usage of the XT range of product when used in the XTender mode.

2. Architecture

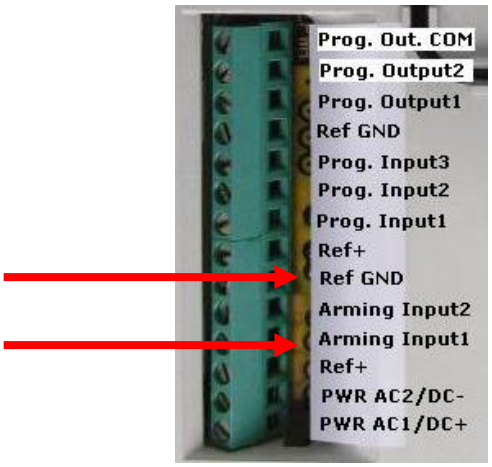
When in XTender mode, the XT is being armed only from a "host" system, most likely through the outputs of another alarm system.



3. Wiring

In order to arm the XT, you must apply a latching +12V to Arming Input 1 or 2.

Arming Input 1 will arm Area 1 and 2.
Arming Input 2 will arm Area 3 and 4.



4. XTender Mode Menus

The XTender mode is available through the following menus :

CONFIGURATION

YES

GENERAL PARAMETERS

YES

XTENDER

- STAND ALONE // FROM THE HOST — When in XTender mode, choose « From the host »
- CANCEL TEMPORIZATION — This is the entry delay of all devices enrolled in Area 2 or 4
- TRANSMISSION DELAY — This should always be set to “0” (zero)
- ARMING CONFIRMATION — This is the exit delay of all devices enrolled in Area 2 or 4. If the “host” is arming the XT at the end of its own exit delay, this should be set to “0” (zero)
- ARMING MODE SLOW // FAST — Always choose « Slow ». The « Fast » mode would have a very bad impact on batteries life

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XT610 ARM/DISARM FROM XT610

PRODUCT APPLICATION NOTE

Manufactured by RSI Video Technologies

December 2011

The RSI Video Technologies XT610 series control panels have the ability to be armed and disarmed by latching 9-12v to the arming inputs as well as two programmable outputs. Using these three functions you are able to have one XT610 panel arm and disarm another XT610 panel.

Required Products:

2 - XT610 series control panel

2 - CMA601 Alphanumeric keypad

1 - Electronic Toggle/Ratchet Relay

1 - 12v DC 2amp Power Supply

When installing this type of application a basic knowledge of relays is needed.

Panel configuration is very important in this application. There will be two XT610 control panels, below are the configuration requirements.

PANEL 1 - CONFIGURATION STANDALONE (HOST)

This panel must be set for STANDALONE mode for arming and disarming. This mode will allow the panel to be armed and disarmed by Videofied peripherals or by a schedule.

In order to control the SLAVE panel you must also configure both programmable outputs (see General Output Configuration.pdf)

Output 1 Configuration:

- Status: Enabled
- Length Activ.: 5 sec
- Event Type: System Armed
- Output Name: Arming

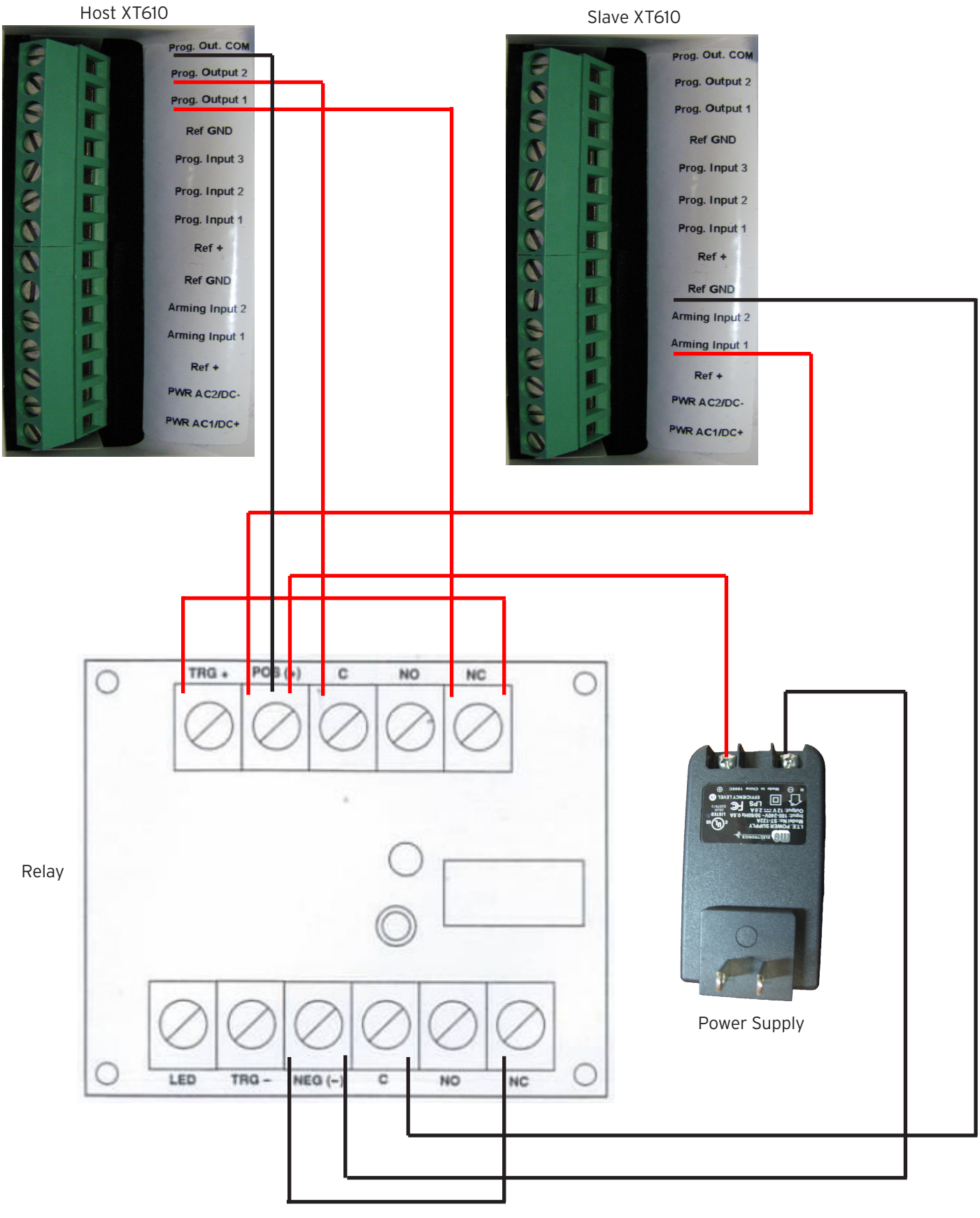
Output 2 Configuration:

- Status: Enabled
- Length Activ.: 5 sec
- Event Type: System Disarmed
- Output Name: Disarming

PANEL 2 - CONFIGURATION ARM FROM HOST (SLAVE)

This panel must be set for ARM FROM HOST mode for arming and disarming. This mode will set the panel so when it sees 12v on the arming inputs it will arm, when that voltage is taken away the system will disarm.

Wiring Diagram



FAQ

Q: What model ratchet/toggle relay do you recommend?

A: During our testing we used an Altronix RBR1224

Q: How do you know when the 'SLAVE' system is armed?

A: The keypad for the slave system will change the display to PART LVL # where # is the current user level the system is in when it arms

Q: How long can the wire run between panels be?

A: The wire length is different depending on the guage of wire. With 18 guage wire you can run about 50' feet between the panels. As the guage gets thinner you will need to decrease the distance accordingly.

Q: Can you piggyback more than one XT?

A: Yes, you would need to set up the outputs on the first SLAVE system exactly like the Outputs on the HOST system but still have it programmed in the ARM FROM HOST mode.

When in Xtender mode, Area 1 and 3 are delayed, Area 2 and 4 are instant.
When in XTender mode, the control panel can NOT be armed via its Keypad, remote control or fob reader. It can be armed only through its Arming Inputs.

5. Tech Support

Questions can be directed to www.videofied.com under the technical support tab or directly to support@videofied.com.

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X SERIES - SCHEDULING

PRODUCT APPLICATION NOTE

Manufactured by RSI Video Technologies

April 2011

The RSI Video Technologies X series control panels allow you to enter a seven day schedule by setting upto 99 appointments for arming and disarming the system at specific times on specific days.

The Scheduling feature is only activated on control panel firmware listed V.02.32.00.81 and V.02.32.00.E1 or newer. In order to use the feature you must enable it in the software and configure the required schedules for the job.

This feature can be programmed using the CMA601 keypad or the Frontel TMT Installer program v2.6.6.6 or newer.

XL VERSION STICKER LOCATION

XT VERSION STICKER LOCATION

Required Products:

XT600 series control panel with version sticker V.02.32.00.E1

XL600 series control panel with version sticker V.02.32.00.81

CMA601 - Alpha Numeric Keypad or Frontel TMTi V2.6.6.6.

When installing a system that will utilize the scheduling feature you will need to complete the full initial installation inlcuding adding a user code before going into the configuration of the schedule.

The following instructions will explain how to program the Programmable input for mapping video from a MotionViewer when the hard wired panic is triggered.

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.

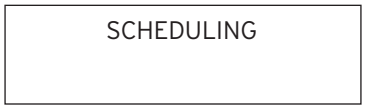
DATE / TIME DISARMED LVL: 3

ACCESS LEVEL 4

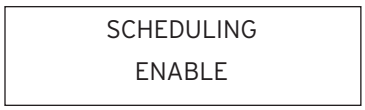
Using the RIGHT ARROW go to CONFIGURATION and press YES, when prompted with BADGE OR CODE, enter your installer code + YES.

With the display showing GENERAL PARAMETERS press the LEFT ARROW until you see AREAS AND DEVICES and press YES.

The display will show DEVICES. Press the LEFT ARROW key until the display shows SCEDULING press YE.S.



With the display showing SCHEDULING OFF press YES and use the RIGHT ARROW to change it to ENABLE and press YES.



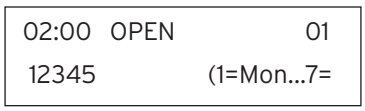
Use the RIGHT ARROW to move to CALENDAR MANAGEMENT and press YES.

Display shows NEW ENTRY ? OK/YES or ESC/NO, press YES to create a new action.

Use the ARROW KEYS to move the hour that you would like the system to perform its first action. The system uses a 24 hour clock. Press YES when the hour has been chosen. Do the same for the Minute (you will see the two lines above the hour move to the minute after pressing YES).

With the lines now over the OPEN, use the arrow keys to choose between OPEN action and CLOSE action and press YES.

Now the display shows (1=Mon...7=SUN). To choose the days that this action will take place press the corresponding numbers and press YES.



EXAMPLE: If you want it to happen only on weekdays you would press, 1, 2, 3, 4, 5.

The system will now ask if the action is OK allowing you to double check teh schedule you are about to confirm. Press YES if everything looks correct.

The display will now show all schedules that have been entered in cronological order. You can use the ARROW KEYS to cycle through them.

ADDITIONAL CONFIGURATION OPTIONS

1. To enter a new schedule action with the display showing the current scheduling action press YES and YES again to put in a NEW ENTRY.

2. To modify a schedule action, with the display showing the current scheduling action press YES then RIGHT ARROW to MODIFY ENTRY and press YES.

Thur 04/28 16:18 DISARMED LVL :4 S

3. When scheduling is enabled on the panel you can see a S next to the LVL:# on the main screen.

WARNING BIP ENABLED

4. By default the system will sound arming warnings at 10min, 5min, and 1min. To disable this you will access AREAS AND DEVICES and LEFT ARROW to WARNING BIP ENABLED.

WARNING BIP DISABLED

4.1 Press YES on WARNING BIP ENABLED and use the ARROW KEYS to change it to DISABLED and press YES.

5. When using Frontel TMTiV2.6.6.6. you must add the line

Managelocsched=1

to the Frontel.ini located in the Frontel2/Bin folder in your installation. Once this has been added you must restart Frontel.

XT600 - RINGTONE FEATURE

PRODUCT APPLICATION NOTE

Manufactured by RSI Video Technologies

April 2011

The RSI Video Technologies XT600 series control panels allow you to enter an IP/Domain name that will only be used when the 9 key is hit 6 times or when the Ringtone feature is activated.

The Ringtone feature is activated in the software of the control panel. In order to use the feature the panel must be powered by a 12v transformer because the Cellular modem will be turned always on. You must also have VOICE enabled on the SIM card in order for the ringtone feature to function. This is normally requested with the cellular provider during the time of activation.

Even though Videofied uses the data side of the network a SIM card will have a phone number associated with it. When the Ringtone feature is activated and the modem is always on the Videofied control panel will be looking for a call on the GPRS modem. When it sees a call it will answer and hang-up then immediately attempt to send a 'Remote Maintenance Request' to the IP/Domain name entered into TMTIP or TMT DOMAIN.

Required Products:

XT600 or XL600 series control panel

CMA601 Alphanumeric keypad

PP4 XT power kit. 12V power supply + 4 Dcell Alkaline

Unlimited Data package on SIM required

When installing a system that will utilize the RINGTONE feature you will need to keep track of the phone number associated with the SIM card the is being installed. This information can only be provided by your Cellular Provider.

The following instructions will explain how to program the Ringtone feature of the control panel.

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 LEFT ARROW and go to GPRS PARAMETERS and press YES.

GPRS PARAMETERS

The display will show APN CODE. Press the LEFT ARROW key until the display shows RINGTONE OFF press YES and use the arrow keys to toggle the parameter to RINGTONE: AUTO and press YES

RINGTONE AUTO

OFF - The modem will only be turned on during event transmission and the unit will not respond to a call on the phone number.

AUTO - The GPRS modem will be Always On. When a call is received the unit will send a 'Remote Maintenance Request'

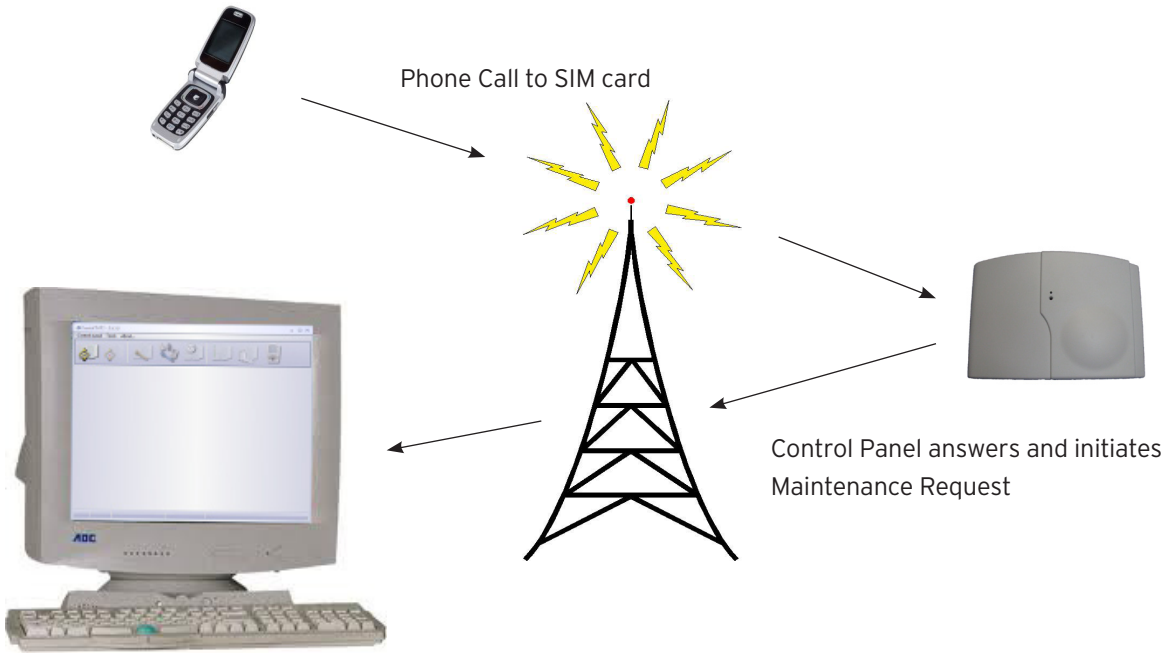
FAQ

Q: Can I use solely Lithium Batteries to power the system with Ringtone enabled?

A: No. The system must be powered in order for the Ringtone feature to function properly.

Q: Can the ringtone be used to arm/disarm the system?

A: No: The ringtone feature can only transmit a 'Remote Maintenance Request'.



900MHz RF ANTENNA APPLICATION NOTE

PRODUCT APPLICATION NOTE

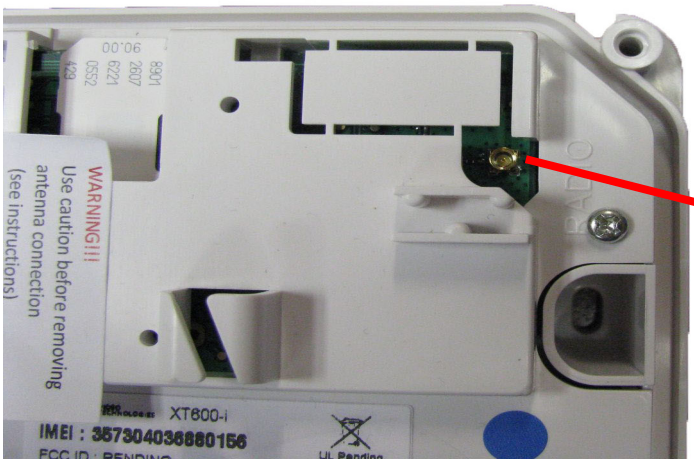
Manufactured by RSI Video Technologies

April 2011

The RSI - XT600 Series Control Panel can have its' transceiver radio antenna externally connected to a high-gain 900MHz Omni-directional antenna. For outdoor installations the control panel should be mounted in a NEMA 4-X enclosure for protection from the elements. Any additional range seen is dependent on the local noise floor, distance between devices, obstructions such as metal barriers, etc.

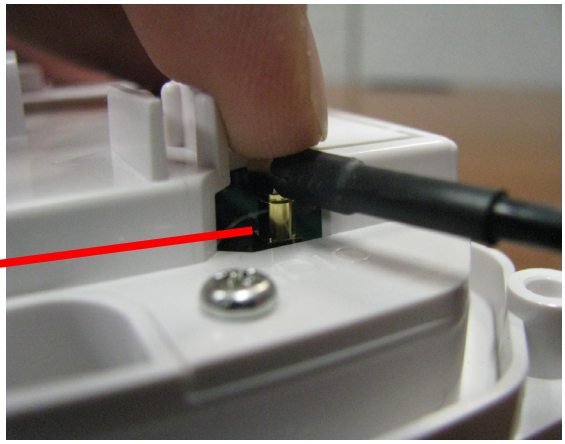
Note: This modification will not cure all RF range problems

Before you begin, be aware of static discharge as it can damage certain circuit board parts. It is recommended to wear a static wrist guard that is properly grounded when working directly with RSI electronics.

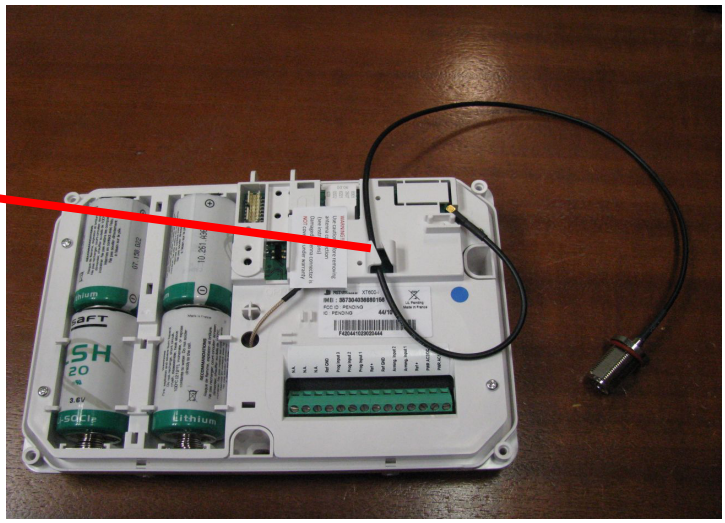


19" Pigtail Right-angle MMCX plugs in the 'RADIO' location on the XT Control Panel. This plug must not get loose or you will lose reception.

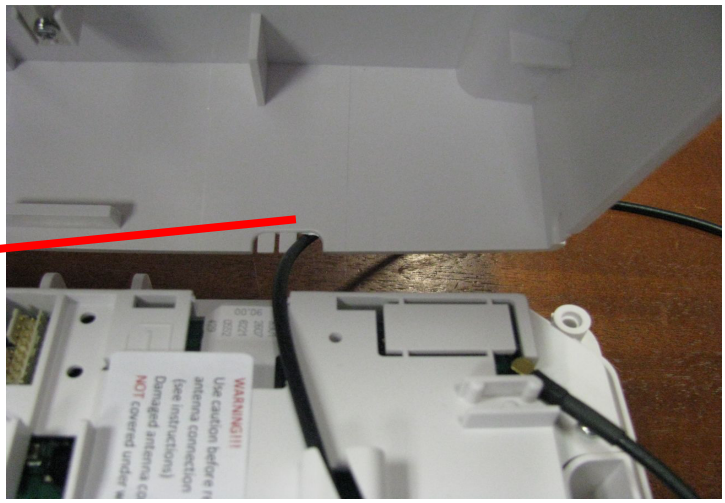
When plugging in the connector you must be careful to press straight down in order to make a proper connection.



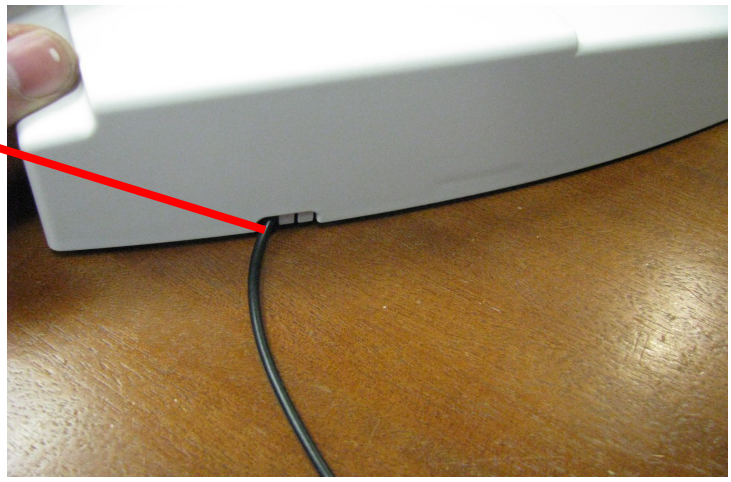
Run the cable along the panel and loop it back through the cable management slot and down the outside of the panel.



Remove a single tab from the cover of the XT control panel in order to not pinch the cable.



Carefully place the cover on the control panel making sure that the cable is not going to be pinched anywhere.



FULL ASSEMBLY INSTRUCTIONS

1. Remove the control panel top cover by removing the two screws on the side. DO NOT INSTALL THE BATTERIES
2. Plug in the MMCX end of the 19" pigtail onto the 'RADIO' connection on the panel and feel it snap into place. (Page 1)
3. Route the new mini coax cable down and back up the middle through the cable management slot (Page 2)
4. Remove a single tab from the cover to allow the cable through without being pinched
5. Place the cover on the control panel to test that the cable is routed correctly and nothing gets pinched.
9. Visually inspect your work for any damage to the coax cable.

NOTE: Radio range tests will be at a limited distance until the antenna is turned on in programming

HOW TO TURN ON THE EXTERNAL ANTENNA

1. From the DISARMED LVL, press the RIGHT arrow to move to ACCESS LEVEL # and press YES
2. Use the RIGHT arrow to move the level to 4 and press YES
3. With the display showing BADGE OR CODE, enter the installer code + YES
4. Press the RIGHT arrow key to move to CONFIGURATION and press YES
5. With the display showing BADGE OR CODE, enter the installer code + YES
6. Display shows GENERAL PARAMETERS, press YES
7. Display shows SITE IDENTIFICATION, press the LEFT arrow until you see RADIO OPTIONS and press YES
8. Use either arrow key to change the parameter to say EXTERNAL ANTENNA and press YES
9. Press and hold the ESC/NO button for 5 seconds to bring you back to the main screen

Parts List:

CA-3N010- 10' 240 Series N-Male to N-Male Coax - L-Com Technologies

HGV-906U - 6dBi Omni Directional 900MHz Antenna

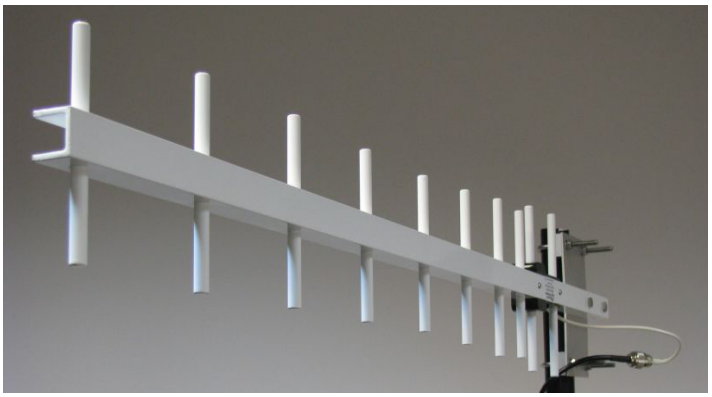
CA-MMNFBCN19 - 19" N-Female to MMCX Mini Coax - L-Com Technologies

GPRS YAGI ANTENNA APPLICATION NOTE

PRODUCT APPLICATION NOTE

Manufactured by RSI Video Technologies May 2011

The Yagi-Directional, GPRS remote antenna is shown right. This is used to gain signal strength in areas where there is little to no cellular coverage.



The RSI- XT Series control panels (XT600, XTX600) can have its' GPRS Modem Antenna externally connected to a high gain 30 degree focused directional antenna. Any additional range seen is dependent on the local noise floor, distance to the cellular tower, obstructions (metal, earth, concrete, etc.) The XTO600 already has a High Gain GPRS antenna hooked up but does have the capability of adding the Yagi GPRS antenna.

Note: *This modification will not cure all cellular range problems.*

To do this, some fabrication must be done to the RSI control panel to connect a 19" pig-tail coax with MMCX connector to the Cellular Modem in the control panel. Note: *This task requires a good level of electronic / mechanical skill.*

Before you begin be aware of static discharge, this will damage circuit board parts. Wear an anti-static wrist guard that is properly grounded.

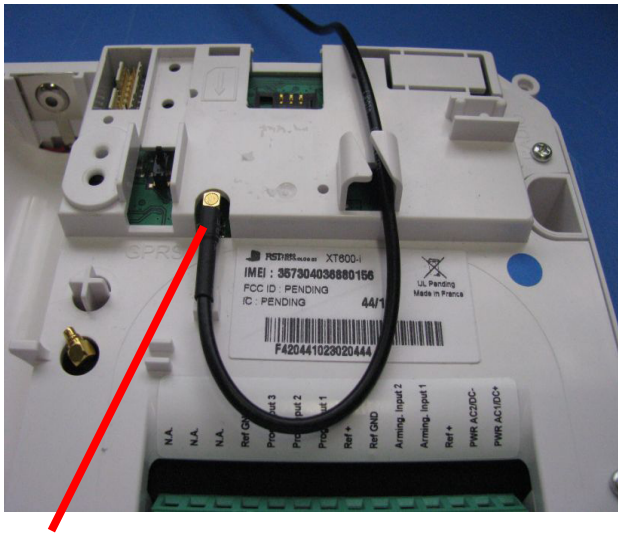
FIG-A

There is a bulkhead female "N" connector that has a 19" pig-tail and small - Diameter coax with a right - angle MMCX make jack that needs to be plugged into the mmcx receiver jack on the control panel labeled 'GPRS'.

You must first remove the old cell modem antenna. It unplugs from the Control Panel marked GPRS, pull it straight up using a needle nose plyers, **FIG-A**.

Carefully plug the new 9" pig-tail coax MMCX male connector into the GPRS MMCX female on the Control Panel, **FIG-B**. Run the coax back around and through the cable management and out the back of the panel.

FIG-B



Right - angle MMCX plug location, this plug must not get loose or you will loose reception. You will run the Coax through the cable management provided on the panel in order to properly route the coax so it does not get pinched.

NOTE: The GPRS Yagi Antenna Kit is only available for the V6000(P) GPRS and XT series control panels

GPRS YAGI ANTENNA APPLICATION NOTE

PRODUCT APPLICATION NOTE

Manufactured by RSI Video Technologies May 2011

Remove the tab on the cover for the panel in order to allow the coax through without being pinched.

When connecting the pigtail to the MMCX jack on the Control Panel you will feel it 'click' into place.

No Gap = Okay

FULL ASSEMBLY INSTRUCTIONS

1. Remove the control panel's top cover by removing the two screws on the side. **DO NOT INSTALL THE BATTERIES**

2. Remove the exisitng GPRS antenna by using a needle nose plyers and lifting it straight up, FIG A.

3. Replace the antenna with the 19" pigtail connector. Be sure that you feel it 'Click' into the connector.

4. Run the coax back around through the built in cable management, FIG B.

5. Visually inspect the coax cable and MMCX connector making sure that they are not damaged and still plugged in throughout the process.

6. Remove one tab from the cover to allow the coax to route through so that it is not pinched when the cover is placed onto the panel.

7. Carefully close the middle cover and screw it back together.

Parts List:

CA-NMNMT010 - 10' 240 Series N-Male to N-Male Coax -

HG912Y-NF - 14dbi Directional Yagi Antenna -

CA-MMNFBCN19 - 19" N-Female to MMCX Mini Coax -

Control Panel Videofied **XT GPRS**

TECHNICAL SPECIFICATIONS

Electrical Data

Power requirements (Option 1)	12V DC / 2A
Back up Battery life	4 Alkaline 1.5V, D size, LR20 1 year
Power requirements (Option 2)	4 SAFT LSH 20 Batteries
Battery life	4 years
RF technology	S²View®
Radio type	Spread Spectrum Bidirectional RF
Operating frequency	868/915/920 MHz
Transmission security	AES algorithm encryption
Radio jam detection	Yes
Supervision	Yes
Antenna	Embedded or External
Tamper detection	Wall and cover tamper detection
Programmable Wired Inputs	3
Programmable Wired Ouputs	2
Arming Wired Inputs	2
Dry contact option	Yes
Inputs voltage	2VDC (15V max)
Inputs current	3 mA max
Programmable Wired Inputs	3
Dry contact	Yes
Inputs voltage	12VDC (15V max)
Programmable Wired Ouputs	2
Max switching voltage	220VDC / 250VAC
Max switching current	4A
Max switching power	120VA
Programming	Alphanumeric Keypads or Frontel remote control Software
Devices per system	25 per system
Access codes	20 maximum
Installer codes	One (for system programming only)
Security levels	3
Arming modes :	2
Special arming modes	4 (Area 1 predefined from factory for entry/exit delay. Areas 2, 3, & 4 programmable.)
Communication formats	GPRS
Protocols	Frontel
Installer codes	One (for system programming only)
Security levels	3
Arming modes :	2
Special arming modes	4 (Area 1 predefined from factory for entry/exit delay. Areas 2, 3, & 4 programmable.)

Electrical Data

Protocols	Frontel
Communication formats	IP
Communicator type	GPRS and GSM cell
IP stack	IP, TCP/IP
Remote maintenance	Frontel Downloader protocol only
VIdeo transmission	By Frontel protocol to central monitoring station
Video format	MPEG video file
Video file size	220 Kbytes
Video framing	5 frames/second
Image format	JPEG
Image size	320 x 240 pixels
History/Event Log	4,000 events stored in flash memory
Operating temperature	0°/+40°C (32°/104°F)
Maximum relative humidity	70%, non-condensing
Approvals pending	CE / EN50131 / EN300220 / IDA / NCP (Europe) CP-01 / UL / FCC (USA) A-Tick (Australia)

Physical Data

Material	ABS–ULVO
Dimensions	225 mm x 180 mm x 55mm (LxWxD):9in. x 7in. x 2-1/6in.
Weight	520gr (without batteries) / 1600gr (with batteries)

Installation/Mounting

Control Panel/Base	Two screw secures control panel cover to base; Three screws secure control panel base to the wall
External antennas	2 built-in MMCX connectors to extend the GPRS and RF range

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Control Panel Videofied **XT GPRS**

PRODUCT SPECIFICATIONS SHEET

Made by RSI VIDEO TECHNOLOGIES 2200-XT-GPRS Sept 2010

Description

The XT control panel is a Videofied wireless, battery operated hybrid alarm system. It is designed for residential and small business security applications, as well as both indoor and outdoor commercial applications (construction sites, cell tower, remote sites, substations...).

XT can be used as a standalone alarm system or can be integrated into an existing alarms system as an upgrade to Videofied features and technology.

XT has programmable inputs and outputs. Programmable inputs and certain event types can be configured to capture video from a MotionViewer device using the mapping feature.

The control panel has two easy to access external connectors for upgrading GPRS and RF antenna connections.

Supervised Wireless Technology

The XT GPRS, along with all Videofied devices utilize patented S2View® - Spread Spectrum, Videofied, Interactive, AES Encrypted Wireless technology, providing optimum signal integrity and security. Bi-directional RF communication paths between all system devices and the system control panel assure high signal reliability. Integrated antennas eliminate protruding wires or rods cumbersome to install and unsightly to consumers, and if damaged could lead to potential system communication problems.

The panel supervises every device (excluding the remote keyfob) to validate current open/close state, tamper condition, serial number, date of manufacture, firmware revision, and battery status.

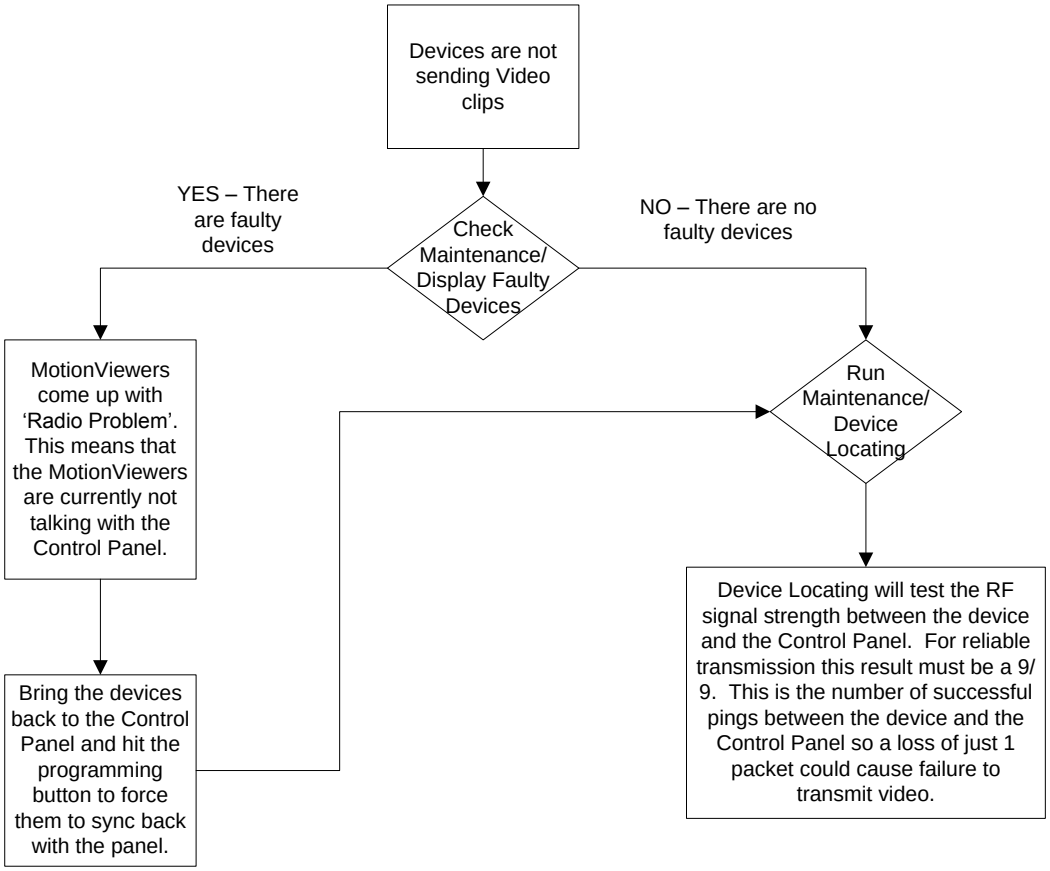
www.videofied.com

Troubleshooting

Monitoring Station is not getting ANY video but is getting signals:

Good communication between the MotionViewers and the Control Panel is key to getting successful video to the monitoring station. During mounting of any device on your Videofied system you must run the Radio Range/Device Locating test to ensure that the mounting location is with-in range of the Control Panel.

- Concrete, Metal and earth are some of the largest RF inhibitors and should be taken into account when choosing mounting locations.
- When running the Radio Range/Device Locating test you should have the site as close to the same as it would be when the site is closed/no one is there, i.e. close garage doors/service doors, etc. Device locating steps can be found on Page 17.



Important Note: Videofied will only automatically download the first MotionViewer video that is taken and only if this is the primary event or reason for the panel connecting with the monitoring station. If the account is on test you will only ever get the first video downloaded. If you are only getting the events at the station and all tests above pass more than likely you are sending a preceding event (like an arming signal or door contact) which will cause the video to not auto download because the video is not the primary event.

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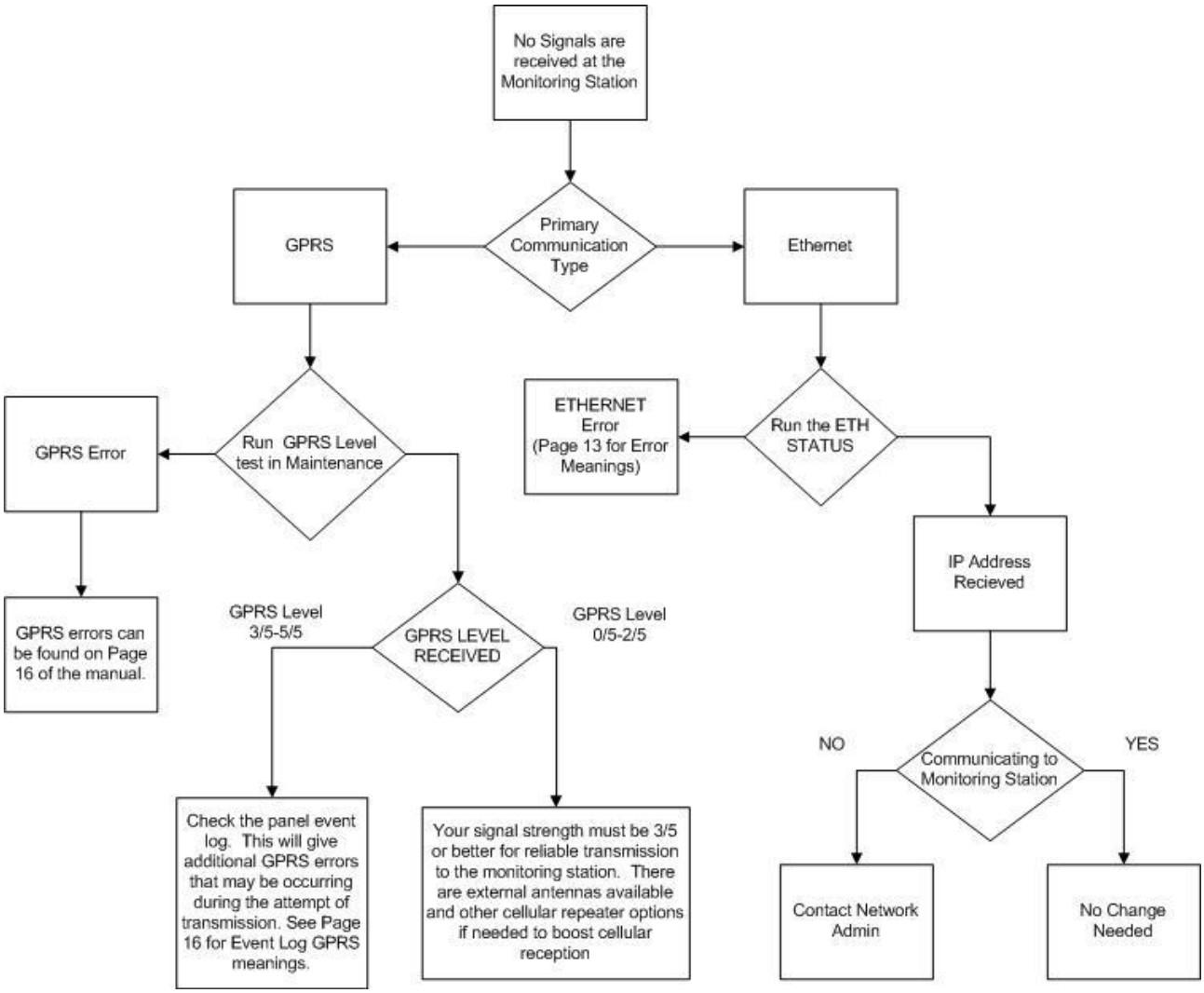
Monitoring Station is not getting any signals:

Communication between the Control Panel and the Monitoring Station is either over the Ethernet Connection or GPRS side of the GSM cellular network.

- Go into Maintenance and run the ETH STATUS to see if you receive back an IP Address or error.
- If you receive an IP Address back you will want to contact and consult the network admin to make sure the outbound port is not being blocked (Port 1 programmed in the panel).
- If you are using GPRS as the primary communication, you will want to check your GPRS level to see if there is an error/level is too low. You must have a 3/5 or better for reliable transmission to the Monitoring Station. How to run the GPRS level test and GPRS error codes can be found on page 16.
- If you receive a successful GPRS level test you will want to check the panel event log for more GPRS errors that could be occurring during the attempted transmission but after cellular authentication.



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Panel is staying CONNECTED WITH MONITOR STATION

While the Control Panel is attempting or is connected with the Monitoring Station you will see this message when you attempt to move around on the keypad. If the system is not successful in connecting with the station it will retry the connection multiple times, locking you out of programming until it is done trying. This normally can take anywhere between 15-20 minutes.

- If you want to force the panel to disconnect you must
  - 1. Remove the batteries from the control panel
  - 2. Secure the cover tamper of the panel
  - 3. Re-insert the batteries into the control panel and sync the keypad back by pressing the CLR and ESC/NO buttons at the same time.
  - 4. Access the Configuration menu by changing you access level to 4 and go to Configuration Monitor Station.
  - 5. In Monitoring Parameters – Disable monitoring until the connection issue is resolved.

Unable to record device or getting 'Pairing Failure' error

This usually occurs when the device still has a pairing key from a previous system or setup. To perform a pairing key override:

- 1. Remove all batteries from the device.
- 2. Make sure your system is ready to record devices:
  - A. If learning in the keypad, press the panel's programming button. DO NOT HOLD THE PANEL'S PROGRAMMING BUTTON
  - B. If learning in additional devices, make sure the keypad reads 'Press Programming Button Of Device'
- 3. Insert a single battery into the device.
- 4. Wait 1 second for device to power up.
- 5. Press programming button of device (for keypads press 'CLR' & 'ESC/NO' keys at the same time)

For the 4-button remote keyfobs the process is slightly different:

- 1. Press and hold the 'ON' and 'OFF' keys at the same time for 12 seconds
- 2. Wait 1 second
- 3. Press and hold the 'ON' and 'OFF' keys at the same time for 5 seconds, you should hear 4 beeps from the keyfob.

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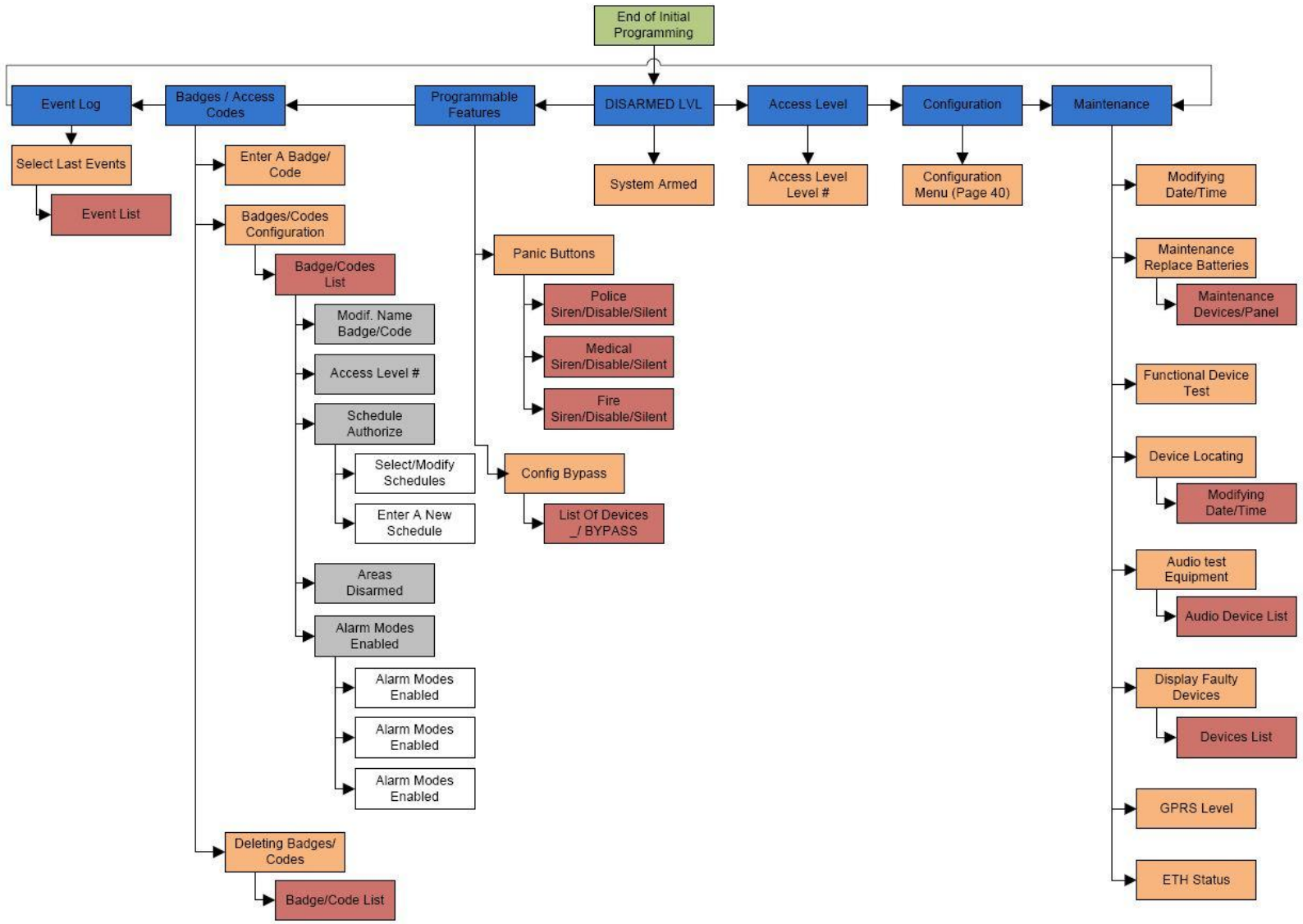
XT -SERIES 'AFTER INITIAL PROGRAMMING' FLOW CHART



Menu Configuration : XT710 GPRS

CONFIGURATION

- GENERAL PARAMETERS
  - SITE IDENTIFICATION
    - PHONE NUMBER
    - NAME OR ADDRESS
  - XTENDER
    - ARMING OPTIONS : Standalone/From the Host
    - ENTRY DELAY (0-255) sec
    - TRANSMISSION DELAY (0-600) sec
    - ARMING CONFIRMATION (0-5)
    - ARMING MODE : SLOW/FAST

    'Arming From the Host' SETTINGS
  - PROGRAMMABLE INPUTS
    - PROGRAMMABLE INPUT 1-3
      - TRANSMISSION Enabled/Only if Armed/ Diasbled
      - ALARM MODE : Alarm/Alarm End
      - INPUT TYPE Normally Open/ Closed
      - EVENT TYPE See List of Events
      - INPUT NAME
      - SIREN MODE Siren/Silent/Without Siren
      - MAPPING Camera/Disabled

  LIST OF EVENTS TYPES:
  Intrusion
  Tamper
  Panic Button
  Incorrect Code 1
  Duress Code
  Supervision
  Radio Jamming
  Low Panel Batt.
  Low Device Batt.
  AC Power Miss.
  Panel Reset
  System Armed
  System Disarmed
  Periodic Test
  Alarm Cancel
  Smoke Detection
  Phone Line Miss.
  TMT Request

- GPRS PARAMETERS
  - APN CODE value
  - USERNAME value
  - PASSWORD value
  - IP 1 ADDRESS value
  - DOMAIN NAME 1 value
  - PORT 1 value
  - IP ADDRESS 2 value
  - DOMAIN NAME 2 value
  - PORT 2 value
  - TMT IP ADDRESS value
  - TMT DOMAIN NAME value
  - PORT TMT value
  - PACKET SIZE size
  - DATA TIMEOUT time
  - SMTP GPRS value
  - GPRS PORT value

  Option GPRS

- RADIO OPTION: Builtin Antenna/ External Antenna

- ALARM MODES PROGRAMMABLE
  - FULLY ARMED
    - ZONE : NNNN STATE : EEEE
      - ALARM : SIREN/DELAY BEEPS/SILENT/ WITHOUT SIREN
  - ALARM MODE SPECIAL 1
    - ZONE : NNNN STATE : EEEE
      - ALARM : SIREN/DELAY BEEPS/SILENT/ WITHOUT SIREN
        - DESIGNATION MODE
  - ALARM MODE SPECIAL 2
    - ZONE : NNNN STATE : EEEE
      - ALARM : SIREN/DELAY BEEPS/SILENT/ WITHOUT SIREN
        - DESIGNATION MODE

- RESPONDING PARTY LIST
  - VIDEOMAIL ALARM ADRESS
    - SELECT/MODIFY EMAIL ADRESS
      - ENTER A NEW EMAIL ADRESS
  - EMAIL SENDER

- AREAS AND DEVICES
  - DEVICES
    - ADD A NEW DEVICE
    - DEVICE CONFIGURATION
      - List of Devices
        - DELETE Devices
        - CHANGEING NAME Devices
        - CHANGING AREA Devices
        - 24HOUR DEVICES Enable/Disable
          - 24HOUR SIREN MODE
  - AREAS
    - Area List
      - AREA CONTENT n AREA n
        - Area Devices List n
        - CHANGING NAME n area n
  - SIREN DURATION INTRUSION :nnSec
  - SIREN DURATION TAMPER : nnSec
  - ENTRY DELAY nnSec
  - EXIT DELAY nnSec

- CONFIGURATION MONITORING STATION
  - MONITORING PARAMETERS
    - MONITORING ? DISABLED/ENABLED
    - ACCOUNT NUMBER code
  - PERIODIC TEST
    - PERIODIC TEST Period
    - TEST HOUR hh :mm
    - SYSTEM ARMED Enabled/Disabled
  - ALARM CODES
    - TRANS.STATE MODIFICATION
      - Devices Alarm
        - Alarm Transmitted or not
  - INTERCOM
    - FILTERS 1 &2 xxxxx

    Option Intercom

XTIP710 - CONFIGURATION MENU