Name _____ Account Number _____ Date _____

Address _____ City _____ State _____ Zip _____

NOTE: WHEN ANY PANEL PROGRAMMING IS CHANGED, THE STOP ROUTINE MUST RUN AND 'SAVING PROGRAM' MUST DISPLAY ON THE KEYPAD IN ORDER TO SAVE THE PROGRAMMING CHANGES. REFER TO THE XR500 SERIES PROGRAMMING GUIDE (LT-0679).

COMMUNICATION

Account Number _ _ _ _ _ (1 to 65535, default = 12345) Transmission Delay _ _ (0, 15 to 45 seconds, default = 30)

The Communication charts below contain all available options for communication programming. Refer to the Available With column to determine which option is available for the communication type being programming.

	Comm Type NONE DD NET CID CELL 232	Path Type PRIMARY BACKUP (Path 1 always Primary)	Test Report NO YES DEFER	Test Freq 1 to 60 DAYS	Test Day SUN to SAT	Test Time HH:MM AM PM	Checkin NO YES RDN ADPT ADP3	Checkin Mins 2-240 MIN CELL 3-240 MIN	Fail Time 2-240 MIN CELL 3-240 MIN	Encrypt NO YES (XR500E panels only)	Receiver IP	Receiver Port	1st Phone Number	2nd Phone Number
Available with Comm Type:		ALL	ALL	ALL	ALL	ALL	NET 232 CELL	NET 232 CELL	NET 232 CELL	NET	NET CELL	NET CELL	DD CID	DD CID
Path 1		PRIMARY												
Path 2														
Path 3														
Path 4														
Path 5														
Path 6														
Path 7														
Path 8														

ADVANCED COMMUNICATION

	Comm Type NONE DD NET CID CELL 232	First / Second GPRS APN SECURECOM400 or Two lines of 16-characters	Fail Test Hours 0 to 24 BACKUP Paths Only	Protocol UDP TCP	Retry Seconds 6 to 15	Sub Code NO YES SHARED	232 Port O A B C D E	232 Setup String	893A NO YES	Alarm Switchover 1 to 10	Dup Alarms NO YES BACKUP Paths Only	Alarm Reports NO YES FIRE	Spv/ Trbl NO YES FIRE	O/C & User NO YES	Door Access NO YES DENY	Send Comm Trbl NO YES
												Primary Paths Only				
Available with Comm Type:		CELL	ALL	NET	NET 232	NET 232 CELL	232	232	DD CID	DD CID	ALL	ALL	ALL	ALL	ALL	ALL
Path 1																
Path 2																
Path 3																
Path 4																
Path 5																
Path 6																
Path 7																
Path 8																

NETWORK OPTIONS (XR500N/XR500E only)

DHCP NO **YES**

Local IP Address _ _ _ . _ _ _ . _ _ _ . _ _ _

Gateway Address _ _ _ . _ _ _ . _ _ _ . _ _ _

Subnet Mask _ _ _ . _ _ _ . _ _ _ . _ _ _

DNS Server _ _ _ . _ _ _ . _ _ _ . _ _ _

Programming Port _ _ _ _ _ (Default = 2001)

Passphrase (XR500E) _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _

MESSAGING SETUP

Enable Messaging **NO** YES

System Name _____

Destination 1 _____

Destination 2 _____

Destination 3 _____

Email Comm Type **NET** CELL

O/C Email **NO** YES

O/C SMS **NO** YES

SMTP Server _____

SMTP Port _ _ _ _ _ (Default = 25)

SMTP Username _____

SMTP Password _____

From Email _____

DEVICE SETUP

Device #	Device Type	Door Name	Access Areas (1-32)	Egress Areas (1-32)	Display Areas (1-32)	Strike Time (0-250 sec)	Strike Delay (0-9 min)	Fire Exit	Output Group	Over-ride	Auto Force Arm
1	STD FIRE NONE							N Y	N Y	N Y	N Y
2	STD FIRE NONE							N Y	N Y	N Y	N Y
3	STD FIRE NONE							N Y	N Y	N Y	N Y
4	STD FIRE NONE							N Y	N Y	N Y	N Y
5	STD FIRE NONE							N Y	N Y	N Y	N Y
6	STD FIRE NONE							N Y	N Y	N Y	N Y
7	STD FIRE NONE							N Y	N Y	N Y	N Y
8	STD FIRE NONE							N Y	N Y	N Y	N Y
9	STD FIRE NONE							N Y	N Y	N Y	N Y
10	STD FIRE NONE							N Y	N Y	N Y	N Y
11	STD FIRE NONE							N Y	N Y	N Y	N Y
12	STD FIRE NONE							N Y	N Y	N Y	N Y
13	STD FIRE NONE							N Y	N Y	N Y	N Y
14	STD FIRE NONE							N Y	N Y	N Y	N Y
15	STD FIRE NONE							N Y	N Y	N Y	N Y
16	STD FIRE NONE							N Y	N Y	N Y	N Y

REMOTE OPTIONS

Remote Key	_ _ _ _ _ _ _ _			
Manufacturer Auth	**NO**	YES		
Armed Rings	_ _	(0 to 15, default = 8)		
Disarmed Rings	_ _	(0 to 15, default = 8)		
Alarm Receiver	**NO**	YES		
Service Receiver	NO	**YES**		
PC Modem	**NO**	YES		
Send Local Changes	**NO**	NET	DD	
Remote Change IP	_ _ _ . _ _ _ . _ _ _ . _ _ _			
Remote Change Port	_ _ _ _ (Default = 2002)			
Remote Phone No	_ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _			
Disarm	**NO**	YES		

SYSTEM REPORTS

Abort Reports	**NO**	YES		
Restoral Reports	NO	**YES**	DISARM	
Bypass Reports	NO	**YES**		
Schedule Change Rpts	NO	**YES**		
Code Change Reports	NO	**YES**		
Access Keypads	**1 2 3 4 5 6 7 8**			
	9 10 11 12 13 14 15 16			
Ambush	**NO**	YES		
Panic Test (XR500N/E)	**NO**	YES		

SYSTEM OPTIONS

System	**AREA**	A/P	H/A	GST
Instant Arming	**NO**	YES		
Closing Wait	**NO**	YES		
Entry Delay 1	_ _ _	(30 to 250 sec, default = 30)		
Entry Delay 2	_ _ _	(30 to 250 sec, default = 60)		
Entry Delay 3	_ _ _	(30 to 250 sec, default = 90)		
Entry Delay 4	_ _ _	(30 to 250 sec, default =120)		
Cross Zone Time	_ _ _	(4 to 250 sec, default = 4)		
Zone Retard Delay	_ _ _	(0 to 250 sec, default = 10)		
Power Fail Delay Hrs	_ _	(0 to 15 hours, default = 1)		
Swinger Bypass Trips	_	(0 to 2, default = 1)		
Reset Swngr Bypass	**NO**	YES		
Time Change	NO	**YES**		
Hours from GMT	_ _	(0 to 23, default = 6)		
Latch Supervisory	NO	**YES**		
Programming Language				
Primary Language	**ENGLISH**	SPANISH	FRENCH	
Secondary Language	**NONE**	ENG	SPN	FRN
User Language				
Primary Language	**ENGLISH**	SPANISH	FRENCH	
Secondary Language	**NONE**	ENG	SPN	FRN
Bypass Limit	_	(0 to 8, default = 0)		
Card Plus PIN (XR500E)	**NO**	YES		
Wireless House Code	_ _	(0, 1 to 50, 99, default = 0)		
Detect Wireless Jamming	**NO**	YES		
Wireless Audibles	ANY	**DAY**	MIN	
Enable Keypad Panic Keys	NO	**YES**		
Occupied Premise	NO	**YES**		
Enhanced Zone Test	**NO**	YES		

BELL OPTIONS

Bell Cutoff Time	_ _	(0 to 99 minutes, default = 15)		
Automatic Bell Test	**NO**	YES		
Bell Output *	_ _ _			
Bell Action . . .				
Fire Zones	Steady	**Pulse**	Temporal	None
Burglary Zones	**Steady**	Pulse	Temporal	None
Supervisory Zones	Steady	Pulse	Temporal	**None**
Panic Zones	Steady	Pulse	Temporal	**None**
Emergency Zones	Steady	Pulse	Temporal	**None**
Auxiliary 1 Zones	Steady	Pulse	Temporal	**None**
Auxiliary 2 Zones	Steady	Pulse	Temporal	**None**

OUTPUT OPTIONS

Cutoff Output	1 2 3 4 5 6		
Cutoff Time	_ _ _	(0 to 99 minutes, default = 0)	
Comm Fail Output *	_ _ _	Ready Output *	_ _ _
Fire Alarm Output *	_ _ _	Phone Trouble Output *	_ _ _
Fire Trouble Output *	_ _ _	Late to Close Output *	_ _ _
Panic Alarm Output *	_ _ _	Device Fail Output *	_ _ _
Ambush Output *	_ _ _	Sensor Reset Output *	_ _ _
Entry Output *	_ _ _	Closing Wait Output *	_ _ _
Exit Output *	_ _ _	Arm-Alarm Output *	_ _ _

OUTPUT INFORMATION

Output No. *	Output Name	Real-Time Status Rpts N or Y	Serial Number	Superv. Time (0, 3, 15, **60** min.)

* Output Numbers = 0 to 6, 450 to 474 (slow wireless output response), 480 to 499 (fast wireless output response), 500 to 999, D1 to 16, G1 to 20

OUTPUT GROUPS

#	Name	Output Number			
1	_ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _	___	___	___	___
2	_ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _	___	___	___	___
3	_ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _	___	___	___	___
4	_ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _	___	___	___	___
5	_ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _	___	___	___	___
6	_ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _	___	___	___	___
7	_ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _	___	___	___	___
8	_ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _	___	___	___	___
9	_ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _	___	___	___	___
10	_ _ _ _ _ _ _ _ _ _ _ _ _ _ _	___	___	___	___
11	_ _ _ _ _ _ _ _ _ _ _ _ _ _ _	___	___	___	___
12	_ _ _ _ _ _ _ _ _ _ _ _ _ _ _	___	___	___	___
13	_ _ _ _ _ _ _ _ _ _ _ _ _ _ _	___	___	___	___
14	_ _ _ _ _ _ _ _ _ _ _ _ _ _ _	___	___	___	___
15	_ _ _ _ _ _ _ _ _ _ _ _ _ _ _	___	___	___	___
16	_ _ _ _ _ _ _ _ _ _ _ _ _ _ _	___	___	___	___
17	_ _ _ _ _ _ _ _ _ _ _ _ _ _ _	___	___	___	___
18	_ _ _ _ _ _ _ _ _ _ _ _ _ _ _	___	___	___	___
19	_ _ _ _ _ _ _ _ _ _ _ _ _ _ _	___	___	___	___
20	_ _ _ _ _ _ _ _ _ _ _ _ _ _ _	___	___	___	___

MENU DISPLAY

Armed Status	**1 2 3 4 5 6 7 8** **9 10 11 12 13 14 15 16**
Time Display	**1 2 3 4 5 6 7 8** **9 10 11 12 13 14 15 16**
Arm/Disarm	**1 2 3 4 5 6 7 8** **9 10 11 12 13 14 15 16**

STATUS LIST

Display Keypads:

System Monitor Trbl	**1 2 3 4 5 6 7 8** **9 10 11 12 13 14 15 16**
Fire Zones	**1 2 3 4 5 6 7 8** **9 10 11 12 13 14 15 16**
Burglary Zones	**1 2 3 4 5 6 7 8** **9 10 11 12 13 14 15 16**
Supervisory Zones	**1 2 3 4 5 6 7 8** **9 10 11 12 13 14 15 16**
Panic Zones	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
Emergency Zones	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
Auxiliary 1 Zones	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
Auxiliary 2 Zones	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
Communication Path Trouble	**NO** YES ALL

PRINTER REPORTS

Arm/Disarm Reports	**NO**	YES
Zone Reports	**NO**	YES
User Command Rpts	**NO**	YES
Door Access Reports	**NO**	YES
Supervisory Reports	**NO**	YES

PC LOG REPORTS

Net IP Address:	_ _ _ _ _ _ _ _ _ _ _ _ _ _ _	
Net IP Port:	_ _ _ _ _	
232 Comm Port	_	
232 Setup String	_ _	
Arm/Disarm Reports	**NO**	YES
Zone Reports	**NO**	YES
User Command Rpts	**NO**	YES
Door Access Reports	**NO**	YES
Supervisory Reports	**NO**	YES
Real-Time Status Rpts	**NO**	YES

AREA INFORMATION

Exit Delay _ _ _ (45 to 250 seconds, default = 60)

Burglary Bell Output _ _ _ (0-6, 500-999, D1-16, G1-20)

Open/Close Reports NO **YES**

Closing Check **NO** YES

Closing Code **NO** YES

Any Bypass **NO** YES

Area Schedules **NO** YES

Early AM Ambush* _ _ (0 to 15 minutes, default = 0)

Area #	Area System Area Name	Accnt No.	Auto Arm	Bad Zones	Auto Disarm	Armed Output	Late Output	Late Arm Delay	Bank Safe & Vault*	Common Area	Arm First Area	Two Man Rule*
1			N Y	BYP FORC REF	N Y				N Y	N Y	N Y	N Y
2			N Y	BYP FORC REF	N Y				N Y	N Y	N Y	N Y
3			N Y	BYP FORC REF	N Y				N Y	N Y	N Y	N Y
4			N Y	BYP FORC REF	N Y				N Y	N Y	N Y	N Y
5			N Y	BYP FORC REF	N Y				N Y	N Y	N Y	N Y
6			N Y	BYP FORC REF	N Y				N Y	N Y	N Y	N Y
7			N Y	BYP FORC REF	N Y				N Y	N Y	N Y	N Y
8			N Y	BYP FORC REF	N Y				N Y	N Y	N Y	N Y
9			N Y	BYP FORC REF	N Y				N Y	N Y	N Y	N Y
10			N Y	BYP FORC REF	N Y				N Y	N Y	N Y	N Y
11			N Y	BYP FORC REF	N Y				N Y	N Y	N Y	N Y
12			N Y	BYP FORC REF	N Y				N Y	N Y	N Y	N Y
13			N Y	BYP FORC REF	N Y				N Y	N Y	N Y	N Y
14			N Y	BYP FORC REF	N Y				N Y	N Y	N Y	N Y
15			N Y	BYP FORC REF	N Y				N Y	N Y	N Y	N Y
16			N Y	BYP FORC REF	N Y				N Y	N Y	N Y	N Y
17			N Y	BYP FORC REF	N Y				N Y	N Y	N Y	N Y
18			N Y	BYP FORC REF	N Y				N Y	N Y	N Y	N Y
19			N Y	BYP FORC REF	N Y				N Y	N Y	N Y	N Y
20			N Y	BYP FORC REF	N Y				N Y	N Y	N Y	N Y
21			N Y	BYP FORC REF	N Y				N Y	N Y	N Y	N Y
22			N Y	BYP FORC REF	N Y				N Y	N Y	N Y	N Y
23			N Y	BYP FORC REF	N Y				N Y	N Y	N Y	N Y
24			N Y	BYP FORC REF	N Y				N Y	N Y	N Y	N Y
25			N Y	BYP FORC REF	N Y				N Y	N Y	N Y	N Y
26			N Y	BYP FORC REF	N Y				N Y	N Y	N Y	N Y
27			N Y	BYP FORC REF	N Y				N Y	N Y	N Y	N Y
28			N Y	BYP FORC REF	N Y				N Y	N Y	N Y	N Y
29			N Y	BYP FORC REF	N Y				N Y	N Y	N Y	N Y
30			N Y	BYP FORC REF	N Y				N Y	N Y	N Y	N Y
31			N Y	BYP FORC REF	N Y				N Y	N Y	N Y	N Y
32			N Y	BYP FORC REF	N Y				N Y	N Y	N Y	N Y

* Early AM Ambush, Bank Safe & Vault, and Two Man Rule features available on Model XR500N or XR500E configured as Area systems.

KEYPAD BUS ZONE INFORMATION

Keypad Bus Zone Information Assign Disarm condition of NT, DY, EX, A1, and A2 only Assign Prewarn and Entry Delay for EX only Assign Retard and Presignal for FI, SV, A1, A2, and PN only **Zone Type Defaults**	Type -- NT DY EX FI PN EM SV A1 A2 FV AR	Area INT PERIM BDRM or 1 to 32	Fire Bell Output *	Disarmed Open Message ATL-DSC	Disarmed Open Output *	Disarmed Open Action SPMF	Disarmed Short Message ATL-DSC	Disarmed Short Output *	Disarmed Short Action SPMF	Armed Open Message ATL-DSC	Armed Open Output *	Armed Open Action SPMF	Armed Short Message ATL-DSC	Armed Short Output *	Armed Short Action SPMF	Swinger N or Y	Prewarn 1 to 16	Entry Delay 1 or 4	Retard Delay N or Y	Presignal 1 to 16	Fast Response N or Y	Cross Zone N or Y	Priority N or Y	Follow Area 0 to 32	Real-Time Rprts N or Y	Door Number 0 to 16	Style TGL ARM DIS STEP MNT
Night	NT			-	0	S	-	0	S	A	0	S	A	0	S	Y					N	N	N	0	N	0	
Day	DY			T	0	S	T	0	S	A	0	S	A	0	S	Y					N	N	N	0	N	0	
Exit	EX			-	0	S	-	0	S	A	0	S	A	0	S	Y	1-16	1			N	N	N		N	0	
Fire	FI		0							T	0	S	A	0	S	N			N	+	N	N	N				
Panic	PN									T	0	S	A	0	S	N			N	+	N	N	N				
Emergency	EM									T	0	S	A	0	S	N					N	N	N				
Supervisory	SV		0							T	0	S	A	0	S	N			N	+	N	N	N				
Auxiliary 1	A1			T	0	S	A	0	S	T	0	S	A	0	S	N			N	+	N	N	N	0	N	0	
Auxiliary 2	A2			T	0	S	A	0	S	T	0	S	A	0	S	N			N	+	N	N	N	0	N	0	
Fire Verify	FV		0							T	0	S	A	0	S	N					N		N				
Arming	AR																										TGL
#	**Zone Name**	*Output Options: 1 to 6, 450 to 474, 480 to 499, 500 to 999, D1 to D16, G1 to G20. +=Set retard to YES before selecting presignal. ■=Zone functions not available.																										

LX-BUS ZONE INFORMATION

XR500 Series LX-Bus Zones

Assign Disarm condition for NT, DY, EX, A1, and A2 only.

Assign Prewarn and Entry Delay for EX only.

Assign Retard and Presignal for FI, SV, A1, A2, and PN only.

Zones_____to _____

Zone Type Defaults

					DMP Wireless									FA Series Wireless				Disarmed Open			Disarmed Short			Armed Open			Armed Short																
	Type	Area	Fire Bell	Wireless	1101 Contact	1101 EXT Contact	1114 Contact	Supervision Time	1142 LED Operation	1126 Disarm Disable	1126 Pulse Count	1126 Sensitivity	Check-in Time	INT Contact	End-of-Line	Normally Open	Message	Output *	Action	Message	Output *	Action	Message	Output *	Action	Message	Output *	Action	Swinger	Prewarn	Entry Delay	Retard Delay	Presignal	Fast Response	Cross Zone	Priority	Follow Area	Real-Time Reports	Door Number	Style
	-- NT DY EX FI PN EM SV A1 A2 FV AR	INT PERIM BDRM or 1 to 32	Output *	N or Y	INT or EXT	N or Y	1 2 3 4	0 3 60 240	N or Y	N or Y	2 or 4	Low or High	None 10 30 60	N or Y	N or Y	N or Y	A T L – D S C	0	S P M F	A T L – D S C	0	S P M F	A T L – D S C	0	S P M F	A T L – D S C	0	S P M F	N or Y	1 to 16	1 2 3 or 4	N or Y	1 to 16	N or Y	N or Y	N or Y	0 to 32	N or Y	0 to 16	TGL ARM DIS STEP MNT
NIGHT	NT			N	INT	N	1	240	Y	Y	4	Low	60	N	N	N	–	0	S	–	0	S	A	0	S	A	0	S	Y					N	N	N	0	N	0	
DAY	DY			N	INT	N	1	240	Y	Y	4	Low	60	N	N	N	T	0	S	T	0	S	A	0	S	A	0	S	Y					N	N	N	0	N	0	
EXIT	EX			N	INT	N	1	240	Y	Y	4	Low	60	N	N	N	–	0	S	–	0	S	A	0	S	A	0	S	Y	1-16	1			N	N	N		N	0	
FIRE	FI		0	N	INT	N	1	240	Y	Y	4	Low	60	N	N	N							A	0	S	A	0	S	N			N	+	N	N	N				
PANIC	PN			N	INT	N	1	240	Y	Y	4	Low	60	N	N	N							A	0	S	A	0	S	N			N	+	N	N	N				
EMERGENCY	EM			N	INT	N	1	240	Y	Y	4	Low	60	N	N	N							A	0	S	A	0	S	N					N	N	N				
SUPERVISORY	SV		0	N	INT	N	1	240	Y	Y	4	Low	60	N	N	N							A	0	S	A	0	S	N			N	+	N	N	N				
AUXILIARY 1	A1			N	INT	N	1	240	Y	Y	4	Low	60	N	N	N	T	0	S	A	0	S	A	0	S	A	0	S	N			N	+	N	N	N	0	N	0	
AUXILIARY 2	A2			N	INT	N	1	240	Y	Y	4	Low	60	N	N	N	T	0	S	A	0	S	A	0	S	A	0	S	N			N	+	N	N	N	0	N	0	
FIRE VERIFY	FV		0	N	INT	N	1	240	Y	Y	4	Low	60	N	N	N				A	0		A	0	S	A	0	S	N					N		N				
ARMING	AR			N	INT	N	1	240	Y	Y	4	Low	60	N	N	N				A	0																			TGL

#	Zone Name	Serial Number

*Output Options: 1 to 6, 450 to 474, 480 to 499, 500 to 999, D1 to D16, G1 to G20. +=Set retard to YES before selecting presignal. ■=Zone functions not available.

XR500 Series LX-Bus Zone Information

Assign Disarm condition for NT, DY, EX, A1, and A2 only.

Assign Prewarn and Entry Delay for EX only.

Assign Retard and Presignal for FI, SV, A1, A2, and PN only.

#	Zone Name	Serial Number	Type	Area	Fire Bell Output*	Wireless	DMP Wireless: 1101 Contact	1101 EXT Contact N/O?	1114 Contact	Supervision Time	1142 LED Operation	1126 Disarm Disable	1126 Pulse Count	1126 Sensitivity	FA Series Wireless: Check-in Time	INT Contact	End-of-Line	Normally Open	Disarmed Open: Message	Output *	Action	Disarmed Short: Message	Output *	Action	Armed Open: Message	Output *	Action	Armed Short: Message	Output *	Action	Swinger	Prewarn	Entry Delay	Retard Delay	Presignal	Fast Response	Cross Zone	Priority	Follow Area	Real-Time Reports	Door Number	Style

*Output Options: 1 to 6, 450 to 474, 480 to 499, 500 to 999, D1 to D16, G1 to G20.

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