

NT-900 TXII/CL  
PROGRAMMING  
SHEETS



820 Park Two Drive, Sugarland, Texas 77478  
Phone: (281)-240-7233      FAX: (281)-240-7238

NAZTEC MODEL NT900-TXII/CL CONTROLLER PROGRAMMING SHEET

111	INTERVAL TIMES							
PHASE	1	2	3	4	5	6	7	8
MOVEMENT								
MIN GRN								
GAP, EXT								
MAX 1								
MAX 2								
YELLOW								
RED								
WALK								
PED CLR								
ADD INIT								
TT REDUC								
TB REDUC								
MIN GAP								
MX IN GR								
WALK 2								
PED CLR2								
MAX 3								
MAX EXT								

112	BARRIER PHASES	1	2	3	4	5	6	7	8
	BARRIER 1								
	BARRIER 2								
	BARRIER 3								
	BARRIER 4								

INTERSECTION:

And

NAZTEC MODEL NT900-TX11/CL CONTROLLER PROGRAMMING SHEET

113	CONFLICTING PHASES	PH 1 WITH	
SELECTIONS: PH 1 & 2- NONE, 5, 6 or 5 & 6 PH 3 & 4- NONE, 7, 8 or 7 & 8		PH 2 WITH	
		PH 3 WITH	
		PH 4 WITH	

114	RECALL	PH	TYPE	PH	TYPE
SELECTIONS: MIN, MAX, PED & MIN, PED & MAX, MEM ON, MEM OFF		1		5	
		2		6	
		3		7	
		4		8	

115	PH ROTATION	PH PAIR	1/2	3/4	5/6	7/8
RESERVICE YES/NO						
REVERSE PH'S YES/NO						
CONDITIONAL SERVICE YES/NO						

INTERSECTION	AND

NAZTEC MODEL NT900-TX11/CL CONTROLLER PROGRAMMING SHEET

( 1 = ON, 0 = OFF )

116	PHASE OPTIONS	1	2	3	4	5	6	7	8
	PED PROTECT								
	NON ACTUATION 1								
	NON ACTUATION 2								
	LAST CAR PASSAGE								
	REST IN WALK								
	DON'T SKIP								
	SOFT RECALL								
	SELECT MAX 2								
	SELECT PED TIMING 2								
	FLASHING WALK								
	OMIT								
	DUAL ENTRY								
	SIMUL. GAP								

118	SHORT INTERVAL	RING...1.....2....	
	FAIL TIMES	GREEN	. .
		YELLOW	. .
		RED	. .

12	CONTROLLER PARAMETERS		
RED REVERT TIME		INPUT..ASSIGN	
V/O SAMPLE TIME		TEST A: (NONE, DIM, FLASH, RAIL)	
# of SAMPLES		TEST B: (NONE, DIM, FLASH, RAIL)	
EXCLUSIVE PED			
V/O STOP ON FULL		TXMIT ALARMS:	
RCV PAT EVTS		% GRN SMPL TIME	
H/W STN ID		CONSOLE TIMEOUT	

INTERSECTION:

NAZTEC MODEL NT900-TX11/CL CONTROLLER PROGRAMMING SHEET

131	INITIALIZATION OF RINGS	RING...1.....2..
	PHASE (1-8 or ALL RED)	
	INTERVAL (GRN, YEL, RED)	
	IF YEL, NEXT $\phi$ (1-8 or NORMAL)	

132	RING INPUTS	RING	---	1---	---	2---	---	---	---	---	---	---
	PH	1	2	3	4	5	6	7	8			

141	FLASH PARAMETERS
	ALLOW FLASH? (YES/NO)
	VOLT MON. FLASH: (ON/OFF)

142	FLASH STATES	PH.	1	2	3	4	5	6	7	8
	VEH (RED, YEL, DRK)									
	PED (ON/OFF)									
	OVERLAP (RED, YEL, DRK)									
	TOGGLE INDICATION TYPES BY USING PHASE NUMBERS									

143	BEG/END FLASH	RING.....1.....2.....
	BEGIN (NO. 1-8 or ANY PHASE)	
	END (NO. 1-8 or ALL RED)	

144	RETURN FROM FLASH CLEARANCE TIMES			
	YEL		RED	

145	COMMON FLASH PH'S-PH/OLP & OVERLAPS	1	2	3	4	5	6	7	8
	PHASES								
	OVERLAPS								

INTERSECTION:
AND

NAZTEC MODEL NT900-TX11/CL CONTROLLER PROGRAMMING SHEET

151	OVERLAP PARAMETERS (ON/OFF)
INTERNAL PROGRAMMING	
LOCK MODE	
PH NEXT CONFLICT MODE	
CALCULATE FROM PARENT PH'S	

152	PROGRAM OVERLAPS	PH	1	2	3	4	5	6	7	8
	OVERLAP	1								
		2								
		3								
		4								
		5								
		6								
		7								
		8								

153	OVERLAP	1	2	3	4	5	6	7	8
	TYPE (NRM, ILL, FLA)								

154	CONFLICTING PH'S	1	2	3	4	5	6	7	8
	OVERLAP	1							
		2							
		3							
		4							
		5							
		6							
		7							
		8							

INTERSECTION:

NAZTEC MODEL NT900-TX11/CL CONTROLLER PROGRAMMING SHEET

155	CONFLICTING OLPS PH	1	2	3	4	5	6	7	8
	OVERLAP 1								
	2								
	3								
	4								
	5								
	6								
	7								
	8								

156	SUPPRESSION PH'S PH	1	2	3	4	5	6	7	8
	OVERLAP 1								
	2								
	3								
	4								
	5								
	6								
	7								
	8								

OVERLAP CLEARANCES

157	OVERLAP	1	2	3	4	5	6	7	8
	ADD GRN								
	YEL CLR								
	RED CLR								

158	NON-NEMA OVERLAP OUTPUT MAP	OLP	5	6	7	8
	PED OUT(1-8, NONE)					

INTERSECTION:	AND

NAZTEC MODEL NT900-TX11/CL CONTROLLER PROGRAMMING SHEET

161	ALARM PARAMETERS
	TXMIT ALARMS:
	RECORD PATTERN EVTS:

162	ACTIVE MASK	1	2	3	4	5	6	7	8
	ALARMS 1-8								
	9-16								
	17-24								
	25-32								
	33-40								
	41-48								
	49-56								
	57-64								

163	FORWARD ENABLE	1	2	3	4	5	6	7	8
	ALARMS 1-8								
	9-16								
	17-24								
	25-32								
	33-40								
	41-48								
	49-56								
	57-64								

17	ACTIVATE RUN TIMER? (YES/NO)
----	------------------------------

INTERSECTION:
And



NAZTEC MODEL NT900-TX11/CL CONTROLLER PROGRAMMING SHEET

18	OUTPUT DIMMING PH	1	2	3	4	5	6	7	8
	GRN								
	YEL								
	RED								
	WALK								
	PED CLR								
	DON'T WALK								
	OLP GRN								
	OLP YEL								
	OLP RED								

21	TEST CONFIG . . . MODE . . . . . NUMBER . . . . .				
	CMND	COOR	OFST	PLAN	CMND
	CURRENT				
	NEW				

CMND = OFF, AUT, TBC, EXT, RTC  
 COOR = OFF, AUT, TBC, EXT, XCY, ICY, FL, RTC  
 ( RTC EFFECTIVE IN TEST CONFIGURATION ONLY )

INTERSECTION:	AND

NAZTEC MODEL NT900-TX11/CL CONTROLLER PROGRAMMING SHEET

22	PLAN	CYC.	L- TRANS%	S-	DWL	OFT	1	2	3	4
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

INTERSECTION:	AND

NAZTEC MODEL NT900-TX11/CL CONTROLLER PROGRAMMING SHEET

COORDINATION WITH EASY PROGRAMMING "ON"

23	PLAN		PH 1	2	3	4	5	6	7	8
ESY SPLT										
COORDINATED PH			&							
	PLAN		PH 1	2	3	4	5	6	7	8
ESY SPLT										
COORDINATED PH			&							
	PLAN		PH 1	2	3	4	5	6	7	8
ESY SPLT										
COORDINATED PH			&							
	PLAN		PH 1	2	3	4	5	6	7	8
ESY SPLT										
COORDINATED PH			&							
	PLAN		PH 1	2	3	4	5	6	7	8
ESY SPLT										
COORDINATED PH			&							
	PLAN		PH 1	2	3	4	5	6	7	8
ESY SPLT										
COORDINATED PH			&							
	PLAN		PH 1	2	3	4	5	6	7	8
ESY SPLT										
COORDINATED PH			&							
	PLAN		PH 1	2	3	4	5	6	7	8
ESY SPLT										
COORDINATED PH			&							

PLEASE MAKE COPIES FOR ADDITIONAL PLANS AS REQUIRED

INTERSECTION:	AND

NAZTEC MODEL NT900-TX11/CL CONTROLLER PROGRAMMING SHEET

COORDINATION WITH EASY PROGRAMMING "OFF"

23	PLAN		PH 1	2	3	4	5	6	7	8
PRIM FO										
VEH YLD										
SECD FO										
PED YLD										
	PLAN		PH 1	2	3	4	5	6	7	8
PRIM FO										
VEH YLD										
SECD FO										
PED YLD										
	PLAN		PH 1	2	3	4	5	6	7	8
PRIM FO										
VEH YLD										
SECD FO										
PED YLD										
	PLAN		PH 1	2	3	4	5	6	7	8
PRIM FO										
VEH YLD										
SECD FO										
PED YLD										

PLEASE MAKE COPIES FOR ADDITIONAL PLANS AS REQUIRED

INTERSECTION:	AND

NAZTEC MODEL NT900-TX11/CL CONTROLLER PROGRAMMING SHEET

24	INPUT MAP	SP/CY.	PLAN.	CMND	SP/CY.	PLAN.	CMND
		1 1			3 1		
		1 2			3 2		
		1 3			3 3		
		1 4			3 4		
		2 1			4 1		
		2 2			4 2		
		2 3			4 3		
		2 4			4 4		

25	OUTPUT CYC/SPL MAP	PLAN	CYC.	SPL	PLAN	CYC.	SPL
		1			9		
		2			10		
		3			11		
		4			12		
		5			13		
		6			14		
		7			15		
		8			16		

NAZTEC MODEL NT900-TX11/CL CONTROLLER PROGRAMMING SHEET

26	COOR PARAMETERS	---WALK.RECYC---	
SYNC LNGTH:		LV WLK BEF: *	
PSEU SYNC:		LV WALK AFT: *	
COOR RUN:		RECYC MODE:	
APPLY HOLD:		* TIMED = WALK REST	
EASY PROG.		* ON DMND = WALK REST MODIFIER	
ELECT-MECH:		INTERCONNECT:	
CLOSE LOOP:		EXT COOR. LINE:	
STOP IN WALK		WALK=VEH PERM:	
PERM. MODE		INHIBIT COOR FAIL:	

27 (& 47)	ERRORS	1	2	3	4	5	6	7	8
CLEAR SKIPPED									
CMD MODE =									
COOR MODE =		OFFSET =		PLAN					

INTERSECTION:

And

# NAZTEC MODEL NT900-TX11/CL CONTROLLER PROGRAMMING SHEET

ALLOW PREMPS

31	PREEMPT .	1	2	3	4	5	6
ALLOWED							

PARAMETERS

32	PREEMPT		PARAMETERS				
			DELAY			TRACK LOCK	
			MINIMUM			FLASH	
SKIP CLR			TYPE			PED OMIT	

PH's/OVERLAPS

33	PREEMPT		PH's/OVLPs	1	2	3	4	5	6	7	8
			TRACK CLRNC 1 PH's								
			OLPs								
			TRACK CLRNC 2 PH's								
			OLP's								
			PREEMPTION PH's								
			OLP's								
			RETURN PH's								

TIMES

34	PREEMPT		INTVL	MIN	WLK	PCL	YEL	RED
			BEGIN CLRNCs				-	-
			TRACK 1 CLRNCs				-	-
			TRACK 2 CLRNCs				-	-
			RETRN CLRNCs				-	-

FLASH

35	PRE		PH	1	2	3	4	5	6	7	8
			VEH								
			PED								
			OVERLAP								

INTERSECTION:

NAZTEC MODEL NT900-TX11/CL CONTROLLER PROGRAMMING SHEET

42	TIME BASE PARAMETERS				
					REF-TIME
RL-TM CLOCK:		SPRG			:
CHANGE MODE :		FALL			
PULSE TIME:					
TOD DIMMING:					

INTERSECTION:
And



NAZTEC MODEL NT900-TX11/CL CONTROLLER PROGRAMMING SHEET

Int: \_\_\_\_\_  
 & \_\_\_\_\_

SELECTIONS:  
 PH 1 & 2= NONE, 5, 6 or 5 & 6  
 PH 3 & 4= NONE, 7, 8 or 7 & 8

SELECTIONS:  
 PH RECALL, MEM ON,  
 MEM OFF, MIN, MAX,  
 PED & MIN, PED & MAX,  
 NON ACT, PH OMIT

431	CMND		OUTPUT	1		5	
				2		6	
DETECTOR MAP				3		7	
DET. FAIL TBL				4		8	
432	CONFLICTING PH's	PH1 with					
	CMND	PH2 with					
		PH3 with					
		PH3 with					

433	RECALL	PH	TYPE	PH	TYPE
	CMD	1		5	
		2		6	
		3		7	
		4		8	

434	CMD		PH OPTIONS	PH	1	2	3	4	5	6	7	8
REST IN WALK												
DON'T SKIP												
SOFT RECALL												
SELECT MAX 2												
SELECT PED TIMING 2												
INHIBIT MAX												
DALLAS MODE												
RED REST												
DUAL ENTRY												
PED OMIT												
435	PH ROTATION	PH PAIR	1/2	3/4	5/6	7/8						
	CMD	RESERVICE										
REVERSE PH's												
CONDITIONAL SERVICE												

PLEASE MAKE COPIES FOR ADDITIONAL COMMANDS AS REQUIRED

## NAZTEC MODEL NT900-TXII/CL CONTROLLER PROGRAMMING SHEET

44									
#	BEG	END DAY	TIME	DAY	CMD	COR	OFST	PLAN	CMD
1	/	/	:						
2	/	/	:						
3	/	/	:						
4	/	/	:						
5	/	/	:						
6	/	/	:						
7	/	/	:						
8	/	/	:						
9	/	/	:						
10	/	/	:						
11	/	/	:						
12	/	/	:						
13	/	/	:						
14	/	/	:						
15	/	/	:						
16	/	/	:						
17	/	/	:						
18	/	/	:						
19	/	/	:						
20	/	/	:						
21	/	/	:						
22	/	/	:						
~	/	/	:						
80	/	/	:						

INTERSECTION:

AND

NAZTEC MODEL NT900-TX11/CL CONTROLLER PROGRAMMING SHEET

45	HOLIDAY	#	DAY	TIME	CMD	COR	OF.	PLN	CMD
-	-	1		:					
-	-	2		:					
-	-	3		:					
-	-	4		:					
-	-	5		:					
-	-	6		:					
-	-	7		:					
-	-	8		:					
-	-	9		:					
-	-	10		:					
-	-	11		:					
-	-	12		:					
-	-	13		:					
-	-	14		:					
-	-	15		:					
-	-	16		:					
-	-	17		:					
-	-	18		:					
-	-	19		:					
-	-	20		:					
-	-	21		:					
-	-	22		:					
-	-	23		:					
-	-	TO-50		:					

INTERSECTION:	AND

NAZTEC MODEL NT900-TX11/CL CONTROLLER PROGRAMMING SHEET

21	TEST CONFIG	MODE		NUMBER		
		CMND	COOR	OFST	PLAN	CMND
	CURRENT (READ ONLY)					
	NEW (PROGRAMMABLE)					

46	TBC CONFIG	MODE		NUMBER		
		CMND	COOR	OFST	PLAN	CMND
	CURRENT (READ ONLY)					
	NEW (PROGRAMMABLE)					

COMMAND MODES:

OFF = FREE, COMMANDS NOT ACTIVE.  
 AUT = AUTOMATIC, HARD WIRE, REVERTS TO TBC IF INTERCONNECT IS LOST.  
 TBC = TIME BASE COORDINATION ONLY.  
 EXT = HARD WIRE (EXTERNAL) ONLY.  
 RTC = REAL TIME CLOCK; INTERNAL TBC CLOCK SELECTS COOD. MODE.  
 (ONLY APPLIES TO 21, TEST CONFIGURATION)

COORDINATION MODES:

OFF = FREE, COORDINATOR OFF.  
 AUT = AUTOMATIC, HARD WIRE, REVERTS TO TBC IF INTERCONNECT IS LOST.  
 TBC = TIME BASE COORDINATION ONLY.  
 EXT = HARD WIRE (EXTERNAL) ONLY.  
 XCY = EXTERNAL SYNC PULSE (CYCLE), TBC SELECTS PLAN & OFFSET.  
 ICY = INTERNAL (TBC) SYNC PULSE (CYCLE), HARD WIRE (EXTERNAL) SELECTS PLAN & OFFSET.  
 FL = FLASH.  
 RTC = REAL TIME CLOCK; INTERNAL TBC CLOCK SELECTS CORD. MODE.  
 (ONLY APPLIES TO 21, TEST CONFIGURATION)

INTERSECTION:

AND

NAZTEC MODEL NT900-TX11/CL CONTROLLER PROGRAMMING SHEET

51	PH CALLED	MAP		PH	1	2	3	4	5	6	7	8
	DETECTOR #			1								
				2								
				3								
				4								
				5								
				6								
				7								
				8								
				9								
				10								
				11								
				12								

52	PH EXTENDED	MAP		PH	1	2	3	4	5	6	7	8
	DETECTOR #			1								
				2								
				3								
				4								
				5								
				6								
				7								
				8								
				9								
				10								
				11								
				12								

MAKE ADDITIONAL COPIES IF REQUIRED

INTERSECTION:	AND

NAZTEC MODEL NT900-TX11/CL CONTROLLER PROGRAMMING SHEET

53	DELAY	DEFEAT	MAP		PH	1	2	3	4	5	6	7	8
	DETECTOR #				1								
					2								
					3								
					4								
					5								
					6								
					7								
					8								
					9								
					10								
					11								
					12								

MAKE ADDITIONAL COPIES IF REQUIRED

54	DETECTOR	#	DELAY	STRETCH	(SECONDS)
		1		.	
		2		.	
		3		.	
		4		.	
		5		.	
		6		.	
		7		.	
		8		.	
		9		.	
		10		.	
		11		.	
		12		.	

INTERSECTION:	AND

NAZTEC MODEL NT900-TX11/CL CONTROLLER PROGRAMMING SHEET

55	TABLE #	1	LOW	HIGH	TIME (min)
	LOCAL DET. # 1				
	2				
	3				
	4				
	5				
	6				
	7				
	8				
	9				
	10				
	11				
	12				
	13				
	14				
	14				
	16				

TABLE #	2	LOW	HIGH	TIME (min)
LOCAL DET. # 1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				

TABLE #	3	LOW	HIGH	TIME (min)
LOCAL DET # 1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				

INTERSECTION:
And

NAZTEC MODEL 900 TXII/CL CONTROLLER PROGRAMMING SHEET

61	PORT 1 PARMS	DIAL (ON/OFF)		DIAL TIME	
			A C	EXG	NBR
BAUD		COMM		TEL#	
STN ID		MODEM		TEL#	
DUPLEX		SYSTEM			

62	PORT 2 PARMS		BAUD	
			COMM	
DUPLEX			MODEM	
			DIAL-TIMER	

63	TXFER DATA PORT 1
TRANSMIT:	
STATUS - READ ONLY	

64	RECEIVE DATA PORT 1
PRESS ENTER TO RECEIVE	
STATUS:	

65	PORT 3 PARMS	DIAL		DIAL TIME	
MODEM			TIMER		
BAUD		COMM			
DUPLEX		MODEM			

66	PORT 4 PARMS		BAUD	
			COMM	
DUPLEX			MODEM	
			DIAL-TIMER	

INTERSECTION:



71	Timing	Ph	1 2 3 4 5 6 7 8
	Ring 1	*	
	Ring 2	*	

Phase interval and interval timing, reason for termination, phase on, phase next, vehicle call, ped call, phase sequence, preemption number which is active.

72	COOR	INACTV	TBC-***	LOC-***	TM - ** : ** : **
	TM BASE	CMD- OFF	COR- OFF	OF - 1	PN - 1 C - 0
	CNTRLER	OFF	OFF	1	1 0
	EXTERNAL	EXT	EXT	1	1 0
	CL LOOP	OFF	OFF	1 ( 0)	1 0

73	PHASE INPUTS	PH. 1 2 3 4 5 6 7 8
	VEH. CALL	
	PED. CALL	
	HOLD INPUT	
	VEH. OMIT INPUT	
	PED. OMIT INPUT	
	HOLD PHAS	
	VEH. OMIT	
	PED OMIT	
	VEH. INHB	
	PED. INHB	

74	DET.	# DEL. STR.	# DEL. STR.	# DEL. STR.
		* 0 0.0	* 0 0.0	* 0 0.0

Shows delay and stretch times for menu item 54.

\* represents the detector number 1-12

75	ALM. STAT.	PH. 1 2 3 4 5 6 7 8
	1 thru 8	
	9 thru 16	
	17 thru 24	
	25 thru 32	
	33 thru 40	
	41 thru 48	
	49 thru 56	
	57 thru 64	

Alarm status for 64 alarms indicating events that can be defined in the operations manual or by custom configuration.

A symbol of a "-" implies no alarm  
A symbol of a solid square implies an active alarm.

76	PORT	TX	RX	TX-BUF	RX-BUF	REP	SYS-TMR
	1	-	-	000000	000000	-	00
	2	-	-	000000	000000		
	3	-	-	000000	000000		
	4	-	-	000000	000000		

771	RT SMPL	PH.	1	2	3	4	5	6	7	8
	VOL, V1-8									
	9-16									
	PED 1-8									
	OCCUPANCY %									
	VEH 1-8									
	9-16									

Real Time Sample can view the pedestrian counts, detector counts and detector occupancies.

772	SMPL (1-100)	1	2	3	4	5	6	7	8
	VOL, V1-8								
	9-16								
	PED 1-8								
	OCCUPANCY %								
	VEH 1-8								
	9-16								
	SAMPLE TIME								
	DATE	00-00-00	TIME	00:00:00					

100 Values of real time sample data store at the rate specified by the sample time. Each sample is time tagged.

773	#	DATE	TIME	STN	TYP	DATA
	1-40	00-00	0:00	0		00 00 00 00 00 00

Events - Alarms, preemption, time of day changes, and other events. Each event is time tagged. The event pointer is set to event one each time the central computer reads the event buffer report.

774	#	DATE	TIME	STN	TYP	DATA
	1-20	00-00	0:00	0		00 00 00 00 00 00

Alarms - Each alarm is logged as being on or off each time one of the 64 alarms changes states. Each transistion is time stamped.

775	#	DATE	TIME	STN	TYP	DATA
	1-10	00-00	0:00	0		00 00 00 00 00 00

History Events - A circular buffer of the last 10 events to be recorded.

791	OVERLAP	PH. 1	2	3	4	5	6	7	8
	INTERVAL	---	---	---	---	---	---	---	---
	TIME								
	PH. INTERVAL	---	---	---	---	---	---	---	---

792	EASY	PH. 1	2	3	4	5	6	7	8
	PRIM FO								
	SECD FO								
	VEH YLD								
	VEH APL								
	PED YLD								
	PED APL								

Easy Calculation - Also will display the normal mode calculations.

793	TIME/DATE		O P C	CMD	COR	LOC	TBC	PRG
	00:00:00	CTL	1 1 0	OFF	OFF	**	**	**
	00-00-00	TBC	1 1 0	OFF	OFF	OFT		TYP
	FRE-MODE	SYS	1 1 0	OFF	OFF	0	0	

81	ENTER USER # :
	ACCESS CODE: *

82	#	CODE	LEVEL
	1-64	0	NONE

# = the user number

Code = access code

Level = level of access

(none,diagnostics,entry  
software load, security)

83	SELECT THE SCREEN GROUP TO BE PRINTED: NONE
----	--

Options : (All, controller, coordination, preemption,  
TB coordination, detectors, communications,  
volume/occupancy, none)

841	Clear the EEPROM
-----	------------------

842	Initialize the controller
-----	---------------------------

Note: Initializing all or part of the controller will  
reset all data fields to default values.

843	Self Tests
	1. RAM 2. ROM 3. COMM PORTS 4. CONNECTORS

844	Clear and initialize all
-----	--------------------------

Note: This function clears the entire controller.  
and replaces all data fields with default  
values.

# ALARM ASSIGNMENTS

<u>Alarm No.</u>	<u>Alarm Event</u>
1	Power up - reports each time the controller is turned on.
2	Stop timing or Manual enable - reports each time they are activated or deactivated.
3	Cabinet door open - reports each time the door is open or closed.
4	Coordinator Fail - reports each time the controller detects a coordination failure and when the failure is cleared.
5	Alarm 1 input, pin 18 on the D connector.
6	Alarm 2 input, pin 20 on the D connector.
7	Alarm 3 input, pin 26 on the D connector.
8	Alarm 4 input, pin 27 on the D connector.
9	Closed-Loop enable - reports whenever the closed loop enable program location is changed. This location is changed only by operator action; either through the front panel keyboard or remotely via a central monitoring computer and modem.
10	Alarm 5 input, pin 28 on the D connector. Also the dimming input.
11	Ring 1 green timing fail alarm - reports each time when ring 1 phase timing fails to meet the minimum programmed time.
12	Ring 1 yellow timing fail alarm.
13	Ring 1 red timing fail alarm.
14	Ring 2 green timing fail alarm.
15	Ring 2 yellow timing fail alarm.
16	Ring 2 red timing fail alarm.
17 - 32	Local detector failures - these sixteen alarms report the occurrence of a detector failure; as determined by the operator programmable parameters, for each of the sixteen vehicle detectors.
33	Cabinet alarm lamp failure. (requires current monitor board)
34	Panel alarm lamp failure. (requires current monitor board).
35	Alarm 6 input, pin 36 on the D connector.
37	Down load request - reports each time the permanent data base is requested for download from the field.