



Fire Alarm Control Panels

FPD-7024



BOSCH

en Program Record Sheet (PRS)

1 Account Information

Account Number: _____ Date: _____

Account Name: _____

Address: _____

Contact Person: _____ Contact Phone: _____

Panel Phone: _____ IP Address: _____

Panel Location: _____

Comments: _____

Notes:

2 Security

User# 0 is the Programmer PIN. User# 1 is the panel default PIN. Defaults are in **bold**.

Authority Key: 0=no action allowed; 1=maximum; 2=medium; 3=minimum							
User#	PIN	Authority	User Name	User#	PIN	Authority	User Name
0	9876	1		1	1234	2	
2	0000	0		3			
4				5			
6				7			
8				9			
10				11			
12				13			
14				15			
16				17			
18				19			
20				21			
22				23			
24				25			
26				27			
28				29			
30				31			
32				33			
34				35			
36				37			
38				39			
40				41			
42				43			
44				45			
46				47			
48				49			

Authority Key: 0=no action allowed; 1=maximum; 2=medium; 3=minimum							
User#	PIN	Authority	User Name	User#	PIN	Authority	User Name
50				51			
52				53			
54				55			
56				57			
58				59			
60				61			
62				63			
64				65			
66				67			
68				69			
70				71			
72				73			
74				75			
76				77			
78				79			
80				81			
82				83			
84				85			
86				87			
88				89			
90				91			
92				93			
94				95			
96				97			
98				99			

3 Accounts/System Reports

Phone Number/IP Address Worksheet:

Defaults are in **bold**.

	Record either PH or IP		Record either PH or IP		Record either PH or IP	
	PH #1	IP #1	PH #2	IP #2	PH #3	IP #3
Phone Number/ Panel Address						
Port Number						
Format	0) DISABLE 1) 3/1 2) 4/2 3) BFSK 4) SIA 110 5) CONTACT ID 6) SIA 300 7) MDM3A2	0) DISABLE 5) CONTACT ID 7) MDM3A2	0) DISABLE 1) 3/1 2) 4/2 3) BFSK 4) SIA 110 5) CONTACT ID 6) SIA 300 7) MDM3A2	0) DISABLE 5) CONTACT ID 7) MDM3A2	0) DISABLE 1) 3/1 2) 4/2 3) BFSK 4) SIA 110 5) CONTACT ID 6) SIA 300 7) MDM3A2	0) DISABLE 5) CONTACT ID 7) MDM3A2
Acc't Number					<i>Uses Account #1</i>	
Tone/ Frequency	1) 19D, 14A, 10PS 2) 18D, 23A, 10PS 3) 19D, 14A, 20PS 4) 18D, 23A, 20PS 5) 19D, 14A, 40PS 6) 18A, 23D, 40PS		1) 19D, 14A, 10PS 2) 18D, 23A, 10PS 3) 19D, 14A, 20PS 4) 18D, 23A, 20PS 5) 19D, 14A, 40PS 6) 18A, 23D, 40PS		1) 19D, 14A, 10PS 2) 18D, 23A, 10PS 3) 19D, 14A, 20PS 4) 18D, 23A, 20PS 5) 19D, 14A, 40PS 6) 18A, 23D, 40PS	
IP MOD PRIRY		1) @250 AS PRIM 2) #134 AS PRIM		1) @250 AS PRIM 2) #134 AS PRIM		1) @250 AS PRIM 2) #134 AS PRIM

Phone Control Worksheet:

Line 1

	Circle the desired setting:		
Monitor Line	YES		NO
Dialing Type	PULSE ONLY	TONE/PULSE	TONE ONLY

Line 2

	Circle the desired setting:		
Monitor Line	YES		NO
Dialing Type	PULSE ONLY	TONE/PULSE	TONE ONLY

Alternate Communications

	Circle one:	
ALT.COMM	NETWORK	SERIAL

PHONE/IP #1	Range	Enter desired selection:
Heartbeat Interval	(001 – 255)	
Heartbeat Time Units	(sec, min, hrs)	
ACK Wait Time	(001-255)	
ACK Time Units	(sec, min)	

	Circle one:	
Anti-replay	DISABLE	ENABLE

PHONE/IP #2	Range	Enter desired selection:
Heartbeat Interval	(001 – 255)	
Heartbeat Time Units	(sec, min, hrs)	
ACK Wait Time	(001-255)	
ACK Time Units	(sec, min)	

	Circle one:	
Anti-replay	DISABLE	ENABLE

Report Steering Worksheet:

Events	Circle desired setting for each row				
	(1) PH/IP #1	(2) PH/IP #2	(3) PH/IP #1 and #2	(4) PH/IP #2 Backup	(5) No Report
1) Non-supervisory Alarm	(1)	(2)	(3)	(4)	(5)
2) Supervisory Alarm	(1)	(2)	(3)	(4)	(5)
3) Non-supervisory Restoral	(1)	(2)	(3)	(4)	(5)
4) Supervisory Restoral	(1)	(2)	(3)	(4)	(5)
5) Trouble	(1)	(2)	(3)	(4)	(5)
6) Test	(1)	(2)	(3)	(4)	(5)
7) Silence	(1)	(2)	(3)	(4)	(5)
8) Reset	(1)	(2)	(3)	(4)	(5)
9) Fire Drill	(1)	(2)	(3)	(4)	(5)

Communication Attempt:

	Range	Circle default or enter desired selection:
Communication Tries	(01-10)	10

Ring Count/Machine Bypass:

	Range	Circle default or enter desired selection:
Ring Count	(00-15)	00 _____
	Circle desired selection:	
Machine Bypass	YES	NO

Program System:

Timers	Range	Circle default or enter desired selection:	
Smoke Reset Time	(1-16 seconds)	6 sec _____	
AC Fail Delay Time	(0-24 hours or wait for DC)	6 hrs _____	
Auto Silence	(0, 5-99 minutes)	0 min. _____	
Display Rate	(1-16; ¼ second intervals)	4 (=1 sec) _____	
Option Bus Keypads	Range	Circle default or enter desired selection:	
Number of Keypads	(0-4)	0 _____	
Enter keypad address(es):			
Keypad Addresses			
System Setup	Circle one:		
AC Line Sync	50 Hz	60 Hz	
NAC SIL MODE	AUDIBLE ONLY	AUDI & VISI	
Remote Program	ENABLE	DISABLE	
PIN Required	Circle one:		
Local	YES	NO	
Remote	YES	NO	

Program Test and Daylight Savings Time

	Circle default or enter time in 24-hour military format:				
Test Time	0200 _____				
	Circle one:				
Test Frequency	4 hrs	6 hrs	24 hrs	7 days	28 days
Daylight Savings Time	DISABLE			ENABLE	

MUX Bus Type:

	Circle desired selection:	
MUX Bus Type	CLASS A	CLASS B

4 Inputs/Outputs/Point Functions

Defaults are in **bold**.

Input Points 1 through 8:

Points 5 – 8 require a 4-point Expander Module. For Point Functions, use the Point Function Parameters. For MUX Device Types, use the MUX Device Type Key.

Inputs (defaults in bold)						
Point Number	Point Function Assign 1 - 16 see <i>Point Functions</i>	Alarm/Trouble on Open 1=alarm 2=trouble	Zone 1 – 64 * see Legend for Zones (output)	Verification 0 -no 1=yes	Latching 0 -no 1=yes	Text (for example: point text, model)
1	1	2	1	0	1	
2	2	2	2	0	1	
3	3	2	3	0	1	
4	4	2	4	0	1	
5	5	2	5	0	1	
6	6	2	6	0	1	
7	7	2	7	0	1	
8	8	2	8	0	1	
* You can select any zone from 1 to 64						

Point Function Parameters:

Point Function	Parameters (defaults in bold)			
	Activation Type see legend	Local Only 0 = no 1 = yes	Silenceable (relays follow silence) 0 = no 1 = yes	Loop Response 1 = fast 2 = programmable
1	1	0	0	1
2	1	0	0	1
3	1	0	0	1
4	2	0	0	2 -16 sec
5	1	0	0	1
6	1	0	0	1
7	1	0	0	1
8	1	0	0	1
9	1	0	0	1
10	1	0	0	1
11	3	0	0	1
12	1	0	0	1
13	1	0	0	1
14	1	0	0	1
15	1	0	0	1
16	1	0	0	1

Legend for
Activation Type

1	Fire
2	Waterflow
3	Supervisory
4	(reserved)
5	Reset
6	Silence
7	AC Fault

Legend for Output Zones:

Zones	Conditions
1-50	User defined
51	Enables history buffer recording of CPU faults for debugging
52	General Fire Alarm, Waterflow (not silenceable); same as Zone 53, but remains active even while system is silenced
53	General Fire Alarm (silenceable); active when a fire alarm condition is present; does not activate for waterflow
54	(reserved)
55	General Supervisory (silenceable)
56	General Waterflow (silenceable)
57	Communication Trouble; active when the dialer fails to communicate; remains active until communication through the digital communicator is restored
58	General Supervisory Alarm (not silenceable); active when any supervisory alarm condition is present
59	Alarm Verification; active while alarm verification is in progress; starts with the first detection of an alarm to be verified and clears in 1 to 16 seconds according to the configuration of reset time or when system is reset
60	Active when AC power fails
61	General Waterflow (not silenceable); active when any waterflow alarm is present
62	General Trouble; active while any system trouble is present, not active in test and programming modes
63	General Alarm, Supervisory, and Waterflow (not silenceable); active while any alarm is present; remains active even while system is silenced
64	(reserved)

MUX Device Types:

0	No device	2	Single Input devices: D7044/M, FMM-7045/-D, D7052 (Class A)	3	I/O module: D7053
4	Smoke detectors: D7050/TH, D343	6	Dual Input device: D7052 (Class B)	7	Octal Input device: D7042 (Class B)

Outputs – NACs and Relays:

Output	Parameters (defaults in bold)				
	Pattern see Legend for Output Pattern	Zone A	Zone B	Zone C	Zone D
Onboard and Expansion NACs					
NAC 1	1	53	61	0	0
NAC 2	1	53	61	0	0
Remote NAC module 1 – requires a remote NAC power supply					
Output 1	1	53	0	0	0
Output 2	1	53	0	0	0
Output 3	1	53	0	0	0
Output 4	1	53	0	0	0
Remote NAC module 2 – requires a remote NAC power supply					
Output 1	1	53	0	0	0
Output 2	1	53	0	0	0
Output 3	1	53	0	0	0
Output 4	1	53	0	0	0
Remote NAC module 3 – requires a remote NAC power supply					
Output 1	1	53	0	0	0
Output 2	1	53	0	0	0
Output 3	1	53	0	0	0
Output 4	1	53	0	0	0
Remote NAC module 4 – requires a remote NAC power supply					
Output 1	1	53	0	0	0
Output 2	1	53	0	0	0
Output 3	1	53	0	0	0
Output 4	1	53	0	0	0
Local Relays					
Local Relay 1		63	0	0	0
Local Relay 2		62	0	0	0
Local Relay 3		58	0	0	0
Remote Relay module 1 – requires an Octal Relay module					
Relay 1		63	0	0	0
Relay 2		62	0	0	0
Relay 3		61	0	0	0
Relay 4		60	0	0	0
Relay 5		58	0	0	0
Relay 6		57	0	0	0
Relay 7		56	0	0	0
Relay 8		53	0	0	0
Remote Relay module 2 – requires an Octal Relay module					
Relay 1		1	0	0	0
Relay 2		2	0	0	0
Relay 3		3	0	0	0
Relay 4		4	0	0	0
Relay 5		5	0	0	0
Relay 6		6	0	0	0
Relay 7		7	0	0	0
Relay 8		8	0	0	0

Legend for Output Pattern

1	Steady
2	Pulsing
3	California March
4	Temporal
5	Wheelock
6	Gentex
7	System Sensor

5 Report Codes

Default values are shown in **bold**.

4/2 Point Reports Worksheet

Data range is 0-9, A-F (A is only valid in Modem IIIA²).

Report	Digit 1 Default Value	Digit 1 User Setting	Report	Digit 2 Default Value	Digit 2 User Setting
Fire Alarm	0		Point 1	1	
Fire Restore	3		Point 2	2	
Waterflow	0		Point 3	3	
Supervise	0		Point 4	4	
Trouble	6		Point 5	5	
Trouble Rstl	3		Point 6	6	
Disable	B		Point 7	7	
Disable Rstl	3		Point 8	8	
			Point 9	9	
			Point 10	0	

4/2 General Report Codes Worksheet

Data range is 0-9, A-F (A is only valid in Modem IIIA²).

Report	Digit 1 Default Value	Digit 1 User Setting	Report	Digit 2 Default Value	Digit 2 User Setting
System in Test	F1		AC Fail Restore	EA	
System Test Rstl	E1		Test Report	EE	
Silence	9F		Off Normal Test	FD	
Fire Drill	F2		Phone 1 Trbl	FB	
Fire Drill R estl	E2		Phone 1 Trbl Rstl	EB	
Open Rst Report	9F		Phone 2 Trbl	FC	
Low Batt	F9		Phone 2 Trbl Rstl	EC	
Low Batt Restore	E9		System Trbl	FD	
AC Fail	FA		System Trbl Rstl	ED	

BFSK Report Codes Worksheet (for special reports)

Data range is 00-FF.

Report	Default Value	User Setting	Report	Default Value	User Setting
Off Normal Test	FD		Fire Drill	FD	
Open/Reset	FD		Fire Drill Restl	ED	
Silence	FD				

Bosch Security Systems, Inc.

130 Perinton Parkway

Fairport, NY 14450

USA

www.boschsecurity.com

© Bosch Security Systems, Inc., 2016

Bosch Sicherheitssysteme GmbH

Robert-Bosch-Ring 5

85630 Grasbrunn

Germany

www.boschsecurity.com

© Bosch Sicherheitssysteme GmbH, 2016