

## Program Record Sheet



## Subscriber Information

Date \_\_\_\_\_

Subscriber Name \_\_\_\_\_

Address \_\_\_\_\_

City/State/Zip \_\_\_\_\_

Record Name \_\_\_\_\_

Installer Name \_\_\_\_\_

Premises Phone \_\_\_\_\_

## Table of Contents

<b>1.0</b>	<b>Introduction .....</b>	<b>4</b>
<b>2.0</b>	<b>D4412 Programming Parameters .....</b>	<b>5</b>
2.1	Routing Destinations .....	5
2.2	Phone, Auto-Forward, and RAM Configuration .....	5
2.3	Global Reporting Options .....	6
2.4	Tests .....	6
2.5	Programming Options .....	7
2.6	Global Open/Close Options .....	7
2.7	Areas .....	8
2.8	Authority Levels .....	8
2.9	Passcode Configuration and Installer Passcode .....	8
2.10	Users .....	9
2.11	Command Centers .....	14
2.12	ABC Keys and Duress Parameters .....	15
2.13	Locations .....	15
2.14	Point Index Configuration .....	20
2.15	Global Point Configuration .....	25
2.16	Global Output Configuration .....	25
2.17	Outputs .....	26
2.18	Skeds .....	28
2.19	SDI Bus Device Configuration .....	30
2.20	Miscellaneous System Trouble Option .....	30
2.21	System Text .....	30
2.22	Area Text .....	30
2.23	Location Text .....	31
2.24	RF Keypads .....	32
2.25	RF Keyfobs .....	32
2.26	Return to Default .....	32

## Introduction

### 1.0 Introduction

This *Program Record Sheet* is designed to assist in programming the D4412 Control Panel.

Entry grids are provided for each programming parameter. These grids list the parameter name, Nibble range, and factory default, along with a space to record the desired entry.

For parameters in which the Nibble range and/or factory default do not apply, "N/A" appears in these slots.

This worksheet is designed for use with the *D6412/D4412 Program Entry Guide* (P/N: 45351). All selections can be found in the *Program Entry Guide*, along with descriptions, important notes, cautions, and other detailed information about each programming parameter.

## P4412 Programming Parameters

## 2.0 D4412 Programming Parameters

## 2.1 Routing Destinations

Parameter	Nibble	Default	Entry
Phone #1 for Destination 1	0000 to 0031	All zeros	
Phone #2 for Destination 1	0032 to 0063	All zeros	
Format for Destination 1	0064	1	
Phone #1 for Destination 2	0066 to 0097	All zeros	
Phone #2 for Destination 2	0098 to 0129	All zeros	
Format for Destination 2	0130	1	

*Reserved: Nibbles 0065 and 0131*

## 2.2 Phone, Auto-Forward, and RAM Configuration

Parameter	Nibble	Default	Entry
DTMF/Pulse Dialing	0132	0	
Call Forwarding Auto On Digits	0133 to 0164	All zeros	
Call Forwarding Auto Off Digits	0165 to 0180	All zeros	
Remote Programming Call Back Phone Number	0181 to 0212	All zeros	
RAM Answer Ring Count, Answering Machine Bypass	0213	7	
RAM Passcode	0214 to 0219	9,9,9,9,9	
Phone Line Fault Response	0220	0	

## D4412 Programming Parameters

### 2.3 Global Reporting Options



*Keep the Ack Wait Time default setting of 5 (5 seconds) unless otherwise directed to change it by Bosch Security Systems' Technical Support.*

Parameter	Nibble	Default	Entry
Global Reporting	0221	1	
ACK Wait Time	0222	5	
AC Power Supervision	0223	5	
AC Fail, Low Battery Report	0224	4	
System Status Report Swinger Count	0225	0	
System Status Reports Routing	0226	1	
Call for Service Interval	0227 to 0228	0,0	
System Inactive Interval	0229 to 0230	0,0	
Call for Service/System Inactive	0231	8	
Log Supervision Configuration	0232	2	
Auto Arming Pre-Alert Time	0233	6	
Cancel Event Enabled	0234	1	
Date Format	0235	0	

*Reserved: Nibbles 0236 to 0243*

### 2.4 Tests

Parameter	Nibble	Default	Entry
System Test Cmd 41 Configuration	0244	5	
System Test Cmd 41 Enable	0245	3	
Walk Test Cmd 44 Configuration	0246	8	
Walk Test Cmd 44 Enable	0247	3	
Walk Test Start/Walk Test End Report Routing	0248	5	
Automatic Test Report	0249	0	
Automatic Test Report Time	0250 to 0253	0,0,0,0	
Automatic Test Report Interval	0254	2	
Test Report Routing	0255	1	

## D4412 Programming Parameters

## 2.5 Programming Options

Parameter	Nibble	Default	Entry
Remote Programming (RAM IV) Options	0256	1	
Programming & Daylight Savings Time	0257	15	

## 2.6 Global Open/Close Options

Parameter	Nibble	Default	Entry
Arming Options 1	0258	1	
Arming Options 2	0259	0	
Bypass/Force Arm Limit	0260	0	
Open/Close Reporting Options	0261	15	
Open/Close Report Routing	0262	1	
Exit Time Restart	0263	1	
Entry Delay Time 1	0264 to 0265	1,14	
Entry Delay Time 2	0266 to 0267	7,8	
Part Mode Delay Time	0268 to 0269	0,0	
Exit Delay Time 1	0270 to 0271	3,12	
Exit Delay Time 2	0272 to 0273	7,8	

*Reserved: Nibbles 0274 to 0275*

## D4412

### D4412 Programming Parameters

#### 2.7 Areas

##### 2.7.1 Area 1

Parameter	Nibble	Default	Entry
Area 1 Account # for Routing Destination 1	0276 to 0285	10,10,10,10,0,0,0,0,0	
Area 1 Account # for Routing Destination 2	0286 to 0295	10,10,10,10,0,0,0,0,0	
Area 1 Open/Close Reporting Options	0296	1	
Lock Area 1 Reporting	0297	0	

##### 2.7.2 Area 2

Parameter	Nibble	Default	Entry
Area 2 Account # for Routing Destination 1	0298 to 0307	10,10,10,10,0,0,0,0,0	
Area 2 Account # for Routing Destination 2	0308 to 0317	10,10,10,10,0,0,0,0,0	
Area 2 Open/Close Reporting Options	0318	1	
Lock Area 2 Reporting	0319	0	

*Reserved: Nibbles 0320 to 0363*

#### 2.8 Authority Levels

Parameter	Nibble	Default	Entry
Authority Level Config Option 1	0364	15	
Authority Level Config Option 2	0365	15	
Authority Level Config Option 3	0366	15	
Authority Level Config Option 4	0367	15	
Authority Level Config Option 5	0368	8	
Authority Level Config Option 6	0369	0	
Authority Level Config Option 7	0370	7	
Authority Level Config Option 8	0371	3	
Authority Level Config Option 9	0372	7	
Authority Level Config Option 10	0373	3	
Authority Level Config Option 11	0374	3	
Authority Level Config Option 12	0375	7	
Authority Level Config Option 13	0376	7	
Authority Level Config Option 14	0377	7	
Authority Level Config Option 15	0378	7	

#### 2.9 Passcode Configuration and Installer Passcode

Parameter	Nibble	Default	Entry
Passcode Length	0379	4	
User Tamper Options	0380	1	
User Tamper Retry Count	0381	4	
User Tamper Lockout Time	0382	2	
Installer Passcode	0383 to 0389	6,5,4,3,2,1,0	



## D4412 Programming Parameters

## 2.10 Users



*The RF ID code is located on the back of the Keyfob.*

## 2.10.1 User 1

Parameter	Nibble	Default	Entry
Passcode, User 1	0390 to 0396	1,2,3,4(5,6,7)	
Authority Level, User 1	0397	1	
Area, User 1	0398	3	
RF Keyfob ID, User 1	N/A	N/A	

## 2.10.2 User 2

Parameter	Nibble	Default	Entry
Passcode, User 2	0399 to 0405	0,0,0,0(0,0,0)	
Authority Level, User 2	0406	0	
Area, User 2	0407	0	
RF Keyfob ID, User 2	N/A	N/A	

## 2.10.3 User 3

Parameter	Nibble	Default	Entry
Passcode, User 3	0408 to 0414	0,0,0,0(0,0,0)	
Authority Level, User 3	0415	0	
Area, User 3	0416	0	
RF Keyfob ID, User 3	N/A	N/A	

## 2.10.4 User 4

Parameter	Nibble	Default	Entry
Passcode, User 4	0417 to 0423	0,0,0,0(0,0,0)	
Authority Level, User 4	0424	0	
Area, User 4	0425	0	
RF Keyfob ID, User 4	N/A	N/A	

## 2.10.5 User 5

Parameter	Nibble	Default	Entry
Passcode, User 5	0426 to 0432	0,0,0,0(0,0,0)	
Authority Level, User 5	0433	0	
Area, User 5	0434	0	
RF Keyfob ID, User 5	N/A	N/A	

## 2.10.6 User 6

Parameter	Nibble	Default	Entry
Passcode, User 6	0435 to 0441	0,0,0,0(0,0,0)	
Authority Level, User 6	0442	0	
Area, User 6	0443	0	
RF Keyfob ID, User 6	N/A	N/A	

# D4412

## D4412 Programming Parameters

### 2.10.7 User 7

Parameter	Nibble	Default	Entry
Passcode, User 7	0444 to 0450	0,0,0,0(0,0,0)	
Authority Level, User 7	0451	0	
Area, User 7	0452	0	
RF Keyfob ID, User 7	N/A	N/A	

### 2.10.8 User 8

Parameter	Nibble	Default	Entry
Passcode, User 8	0453 to 0459	0,0,0,0(0,0,0)	
Authority Level, User 8	0460	0	
Area, User 8	0461	0	
RF Keyfob ID, User 8	N/A	N/A	

### 2.10.9 User 9

Parameter	Nibble	Default	Entry
Passcode, User 9	0462 to 0468	0,0,0,0(0,0,0)	
Authority Level, User 9	0469	0	
Area, User 9	0470	0	
RF Keyfob ID, User 9	N/A	N/A	

### 2.10.10 User 10

Parameter	Nibble	Default	Entry
Passcode, User 10	0471 to 0477	0,0,0,0(0,0,0)	
Authority Level, User 10	0478	0	
Area, User 10	0479	0	
RF Keyfob ID, User 10	N/A	N/A	

### 2.10.11 User 11

Parameter	Nibble	Default	Entry
Passcode, User 11	0480 to 0486	0,0,0,0(0,0,0)	
Authority Level, User 11	0487	0	
Area, User 11	0488	0	
RF Keyfob ID, User 11	N/A	N/A	

### 2.10.12 User 12

Parameter	Nibble	Default	Entry
Passcode, User 12	0489 to 0495	0,0,0,0(0,0,0)	
Authority Level, User 12	0496	0	
Area, User 12	0497	0	
RF Keyfob ID, User 12	N/A	N/A	

### 2.10.13 User 13

Parameter	Nibble	Default	Entry
Passcode, User 13	0498 to 0504	0,0,0,0(0,0,0)	
Authority Level, User 13	0505	0	
Area, User 13	0506	0	
RF Keyfob ID, User 13	N/A	N/A	

## D4412 Programming Parameters

## 2.10.14 User 14

Parameter	Nibble	Default	Entry
Passcode, User 14	0507 to 0513	0,0,0,0(0,0,0)	
Authority Level, User 14	0514	0	
Area, User 14	0515	0	
RF Keyfob ID, User 14	N/A	N/A	

## 2.10.15 User 15

Parameter	Nibble	Default	Entry
Passcode, User 15	0516 to 0522	0,0,0,0(0,0,0)	
Authority Level, User 15	0523	0	
Area, User 15	0524	0	
RF Keyfob ID, User 15	N/A	N/A	

## 2.10.16 User 16

Parameter	Nibble	Default	Entry
Passcode, User 16	0525 to 0531	0,0,0,0(0,0,0)	
Authority Level, User 16	0532	0	
Area, User 16	0533	0	
RF Keyfob ID, User 16	N/A	N/A	

## 2.10.17 User 17

Parameter	Nibble	Default	Entry
Passcode, User 17	0534 to 0540	0,0,0,0(0,0,0)	
Authority Level, User 17	0541	0	
Area, User 17	0542	0	
RF Keyfob ID, User 17	N/A	N/A	

## 2.10.18 User 18

Parameter	Nibble	Default	Entry
Passcode, User 18	0543 to 0549	0,0,0,0(0,0,0)	
Authority Level, User 18	0550	0	
Area, User 18	0551	0	
RF Keyfob ID, User 18	N/A	N/A	

## 2.10.19 User 19

Parameter	Nibble	Default	Entry
Passcode, User 19	0552 to 0558	0,0,0,0(0,0,0)	
Authority Level, User 19	0559	0	
Area, User 19	0560	0	
RF Keyfob ID, User 19	N/A	N/A	

## 2.10.19 User 20

Parameter	Nibble	Default	Entry
Passcode, User 20	0561 to 0567	0,0,0,0(0,0,0)	
Authority Level, User 20	0568	0	
Area, User 20	0569	0	
RF Keyfob ID, User 20	N/A	N/A	

# D4412

## D4412 Programming Parameters

### 2.10.20 User 21

Parameter	Nibble	Default	Entry
Passcode, User 21	0570 to 0576	0,0,0,0(0,0,0)	
Authority Level, User 21	0577	0	
Area, User 21	0578	0	
RF Keyfob ID, User 21	N/A	N/A	

### 2.10.22 User 22

Parameter	Nibble	Default	Entry
Passcode, User 22	0579 to 0585	0,0,0,0(0,0,0)	
Authority Level, User 22	0586	0	
Area, User 22	0587	0	
RF Keyfob ID, User 22	N/A	N/A	

### 2.10.23 User 23

Parameter	Nibble	Default	Entry
Passcode, User 23	0588 to 0594	0,0,0,0(0,0,0)	
Authority Level, User 23	0595	0	
Area, User 23	0596	0	
RF Keyfob ID, User 23	N/A	N/A	

### 2.10.24 User 24

Parameter	Nibble	Default	Entry
Passcode, User 24	0597 to 0603	0,0,0,0(0,0,0)	
Authority Level, User 24	0604	0	
Area, User 24	0605	0	
RF Keyfob ID, User 24	N/A	N/A	

### 2.10.25 User 25

Parameter	Nibble	Default	Entry
Passcode, User 25	0606 to 0612	0,0,0,0(0,0,0)	
Authority Level, User 25	0613	0	
Area, User 25	0614	0	
RF Keyfob ID, User 25	N/A	N/A	

### 2.10.26 User 26

Parameter	Nibble	Default	Entry
Passcode, User 26	0615 to 0621	0,0,0,0(0,0,0)	
Authority Level, User 26	0622	0	
Area, User 26	0623	0	
RF Keyfob ID, User 26	N/A	N/A	

### 2.10.27 User 27

Parameter	Nibble	Default	Entry
Passcode, User 27	0624 to 0630	0,0,0,0(0,0,0)	
Authority Level, User 27	0631	0	
Area, User 27	0632	0	
RF Keyfob ID, User 27	N/A	N/A	

## D4412 Programming Parameters

## 2.10.28 User 28

Parameter	Nibble	Default	Entry
Passcode, User 28	0633 to 0639	0,0,0,0(0,0,0)	
Authority Level, User 28	0640	0	
Area, User 28	0641	0	
RF Keyfob ID, User 28	N/A	N/A	

## 2.10.29 User 29

Parameter	Nibble	Default	Entry
Passcode, User 29	0642 to 0648	0,0,0,0(0,0,0)	
Authority Level, User 29	0649	0	
Area, User 29	0650	0	
RF Keyfob ID, User 29	N/A	N/A	

## 2.10.30 User 30

Parameter	Nibble	Default	Entry
Passcode, User 30	0651 to 0657	0,0,0,0(0,0,0)	
Authority Level, User 30	0658	0	
Area, User 30	0659	0	
RF Keyfob ID, User 30	N/A	N/A	

## 2.10.31 User 31

Parameter	Nibble	Default	Entry
Passcode, User 31	0660 to 0666	0,0,0,0(0,0,0)	
Authority Level, User 31	0667	0	
Area, User 31	0668	0	
RF Keyfob ID, User 31	N/A	N/A	

## 2.10.32 User 32

Parameter	Nibble	Default	Entry
Passcode, User 32	0669 to 0675	0,0,0,0(0,0,0)	
Authority Level, User 32	0676	0	
Area, User 32	0677	0	
RF Keyfob ID, User 32	N/A	N/A	

# D4412

## D4412 Programming Parameters

### 2.11 Command Centers

#### 2.11.1 Command Center 1

Parameter	Nibble	Default	Entry
Command Center 1 Options	0678	7	
Command Center 1 Area	0679	1	

#### 2.11.2 Command Center 2

Parameter	Nibble	Default	Entry
Command Center 2 Options	0680	7	
Command Center 2 Area	0681	0	

#### 2.11.3 Command Center 3

Parameter	Nibble	Default	Entry
Command Center 3 Options	0682	7	
Command Center 3 Area	0683	0	

#### 2.11.4 Command Center 4

Parameter	Nibble	Default	Entry
Command Center 4 Options	0684	7	
Command Center 4 Area	0685	0	

#### 2.11.5 Command Center 5

Parameter	Nibble	Default	Entry
Command Center 5 Options	0686	7	
Command Center 5 Area	0687	0	

#### 2.11.6 Command Center 6

Parameter	Nibble	Default	Entry
Command Center 6 Options	0688	7	
Command Center 6 Area	0689	0	

#### 2.11.7 Command Center 7

Parameter	Nibble	Default	Entry
Command Center 7 Options	0690	7	
Command Center 7 Area	0691	0	

#### 2.11.8 Command Center 8

Parameter	Nibble	Default	Entry
Command Center 8 Options	0692	7	
Command Center 8 Area	0693	0	

## D4412 Programming Parameters

## 2.12 ABC Keys and Duress Parameters

Parameter	Nibble	Default	Entry
A Key Option	0694	3	
A Key Alarm Response	0695	0	
B Key Option	0696	3	
B Key Alarm Response	0697	0	
C Key Option	0698	3	
C Key Alarm Response	0699	0	
Alarm Output Option for ABC Keys	0700	0	
ABC Key Reports, Acknowledgement Beep at Command Center	0701	0	
Duress Reporting	0702	0	
ABC Key and Duress Report Routing	0703	1	
Enable Cmd Ctr Tamper Response	0704	0	

*Reserved: Nibble 0705*

## 2.13 Locations



*The RF ID code is located on the back of the RF device.*

## 2.13.1 Location 1

Parameter	Nibble	Default	Entry
Location 1, Device	0706	1	
Location 1, Point Index	0707	1	
Location 1, Area	0708	1	
Location 1, Point Number	0709 to 0710	0,1	
Location 1, RF ID	N/A	N/A	

## 2.13.2 Location 2

Parameter	Nibble	Default	Entry
Location 2, Device	0711	1	
Location 2, Point Index	0712	11	
Location 2, Area	0713	1	
Location 2, Point Number	0714 to 0715	0,2	
Location 2, RF ID	N/A	N/A	

## 2.13.3 Location 3

Parameter	Nibble	Default	Entry
Location 3, Device	0716	1	
Location 3, Point Index	0717	11	
Location 3, Area	0718	1	
Location 3, Point Number	0719 to 0720	0,3	
Location 3, RF ID	N/A	N/A	

**D4412 Programming Parameters****2.13.4 Location 4**

Parameter	Nibble	Default	Entry
Location 4, Device	0721	1	
Location 4, Point Index	0722	13	
Location 4, Area	0723	1	
Location 4, Point Number	0724 to 0725	0,4	
Location 4, RF ID	N/A	N/A	

**2.13.5 Location 5**

Parameter	Nibble	Default	Entry
Location 5, Device	0726	1	
Location 5, Point Index	0727	13	
Location 5, Area	0728	1	
Location 5, Point Number	0729 to 0730	0,5	
Location 5, RF ID	N/A	N/A	

**2.13.6 Location 6**

Parameter	Nibble	Default	Entry
Location 6, Device	0731	1	
Location 6, Point Index	0732	14	
Location 6, Area	0733	1	
Location 6, Point Number	0734 to 0735	0,6	
Location 6, RF ID	N/A	N/A	

**2.13.7 Location 7**

Parameter	Nibble	Default	Entry
Location 7, Device	0736	1	
Location 7, Point Index	0737	14	
Location 7, Area	0738	1	
Location 7, Point Number	0739 to 0740	0,7	
Location 7, RF ID	N/A	N/A	

**2.13.8 Location 8**

Parameter	Nibble	Default	Entry
Location 8, Device	0741	1	
Location 8, Point Index	0742	4	
Location 8, Area	0743	1	
Location 8, Point Number	0744 to 0745	0,8	
Location 8, RF ID	N/A	N/A	

**2.13.9 Location 9**

Parameter	Nibble	Default	Entry
Location 9, Device	0746	0	
Location 9, Point Index	0747	0	
Location 9, Area	0748	1	
Location 9, Point Number	0749 to 0750	0,9	
Location 9, RF ID	N/A	N/A	



## D4412 Programming Parameters

## 2.13.10 Location 10

Parameter	Nibble	Default	Entry
Location 10, Device	0751	0	
Location 10, Point Index	0752	0	
Location 10, Area	0753	1	
Location 10, Point Number	0754 to 0755	1,0	
Location 10, RF ID	N/A	N/A	

## 2.13.11 Location 11

Parameter	Nibble	Default	Entry
Location 11, Device	0756	0	
Location 11, Point Index	0757	0	
Location 11, Area	0758	1	
Location 11, Point Number	0759 to 0760	1,1	
Location 11, RF ID	N/A	N/A	

## 2.13.12 Location 12

Parameter	Nibble	Default	Entry
Location 12, Device	0761	0	
Location 12, Point Index	0762	0	
Location 12, Area	0763	1	
Location 12, Point Number	0764 to 0765	1,2	
Location 12, RF ID	N/A	N/A	

## 2.13.13 Location 13

Parameter	Nibble	Default	Entry
Location 13, Device	0766	0	
Location 13, Point Index	0767	0	
Location 13, Area	0768	1	
Location 13, Point Number	0769 to 0770	1,3	
Location 13, RF ID	N/A	N/A	

## 2.13.14 Location 14

Parameter	Nibble	Default	Entry
Location 14, Device	0771	0	
Location 14, Point Index	0772	0	
Location 14, Area	0773	0	
Location 14, Point Number	0774 to 0775	1,4	
Location 14, RF ID	N/A	N/A	
Location 16, RF ID	N/A	N/A	

## D4412 Programming Parameters

### 2.13.15 Location 15

Parameter	Nibble	Default	Entry
Location 15, Device	0776	0	
Location 15, Point Index	0777	0	
Location 15, Area	0778	1	
Location 15, Point Number	0779 to 0780	1,5	
Location 15, RF ID	N/A	N/A	

### 2.13.16 Location 16

Parameter	Nibble	Default	Entry
Location 16, Device	0781	0	
Location 16, Point Index	0782	0	
Location 16, Area	0783	1	
Location 16, Point Number	0784 to 0785	1,6	
Location 16, RF ID	N/A	N/A	

### 2.13.17 Location 17

Parameter	Nibble	Default	Entry
Location 17, Device	0786	0	
Location 17, Point Index	0787	0	
Location 17, Area	0788	1	
Location 17, Point Number	0789 to 0790	1,7	
Location 17, RF ID	N/A	N/A	

### 2.13.18 Location 18

Parameter	Nibble	Default	Entry
Location 18, Device	0791	0	
Location 18, Point Index	0792	0	
Location 18, Area	0793	0	
Location 18, Point Number	0794 to 0795	1,8	
Location 18, RF ID	N/A	N/A	

### 2.13.19 Location 19

Parameter	Nibble	Default	Entry
Location 19, Device	0796	0	
Location 19, Point Index	0797	0	
Location 19, Area	0798	1	
Location 19, Point Number	0799 to 0800	1,9	
Location 19, RF ID	N/A	N/A	

## D4412 Programming Parameters

## 2.13.1 Location 20

Parameter	Nibble	Default	Entry
Location 20, Device	0801	0	
Location 20, Point Index	0802	0	
Location 20, Area	0803	1	
Location 20, Point Number	0804 to 0805	2,0	
Location 20, RF ID	N/A	N/A	

## 2.13.21 Location 21

Parameter	Nibble	Default	Entry
Location 21, Device	0806	0	
Location 21, Point Index	0807	0	
Location 21, Area	0808	1	
Location 21, Point Number	0809 to 0810	2,1	
Location 21, RF ID	N/A	N/A	

## 2.13.22 Location 22

Parameter	Nibble	Default	Entry
Location 22, Device	0811	0	
Location 22, Point Index	0812	0	
Location 22, Area	0813	1	
Location 22, Point Number	0814 to 0815	2,2	
Location 22, RF ID	N/A	N/A	

## 2.13.23 Location 23

Parameter	Nibble	Default	Entry
Location 23, Device	0816	0	
Location 23, Point Index	0817	0	
Location 23, Area	0818	1	
Location 23, Point Number	0819 to 0820	2,3	
Location 23, RF ID	N/A	N/A	

## 2.13.24 Location 24

Parameter	Nibble	Default	Entry
Location 24, Device	0821	0	
Location 24, Point Index	0822	0	
Location 24, Area	0823	1	
Location 24, Point Number	0824 to 0825	2,4	
Location 24, RF ID	N/A	N/A	

*Reserved: Nibbles 0826 to 0905*

## D4412 Programming Parameters

### 2.14 Point Index Configuration

#### 2.14.1 Point Index 1

Parameter	Nibble	Default	Entry
Point Type, Point Index 1	0906	1 (Fire)	
Pulse Count, Point Index 1	0907	0	
Pulse Count Time, Point Index 1	0908	0	
Options 1, Point Index 1	0909	0	
Options 2, Point Index 1	0910	2	
Reporting Enable, Trouble Response, Point Index 1	0911	11	
Alarm Report Routing, Point Index 1	0912	1	
Restoral Report Routing, Point Index 1	0913	1	

#### 2.14.2 Point Index 2

Parameter	Nibble	Default	Entry
Point Type, Point Index 2	0914	2 (Fire with Verification)	
Pulse Count, Point Index 2	0915	0	
Pulse Count Time, Point Index 2	0916	0	
Options 1, Point Index 2	0917	0	
Options 2, Point Index 2	0918	2	
Reporting Enable, Trouble Response, Point Index 2	0919	11	
Alarm Report Routing, Point Index 2	0920	1	
Restoral Report Routing, Point Index 2	0921	1	

#### 2.14.3 Point Index 3

Parameter	Nibble	Default	Entry
Point Type, Point Index 3	0922	3 (Voice Active)	
Pulse Count, Point Index 3	0923	0	
Pulse Count Time, Point Index 3	0924	0	
Options 1, Point Index 3	0925	1	
Options 2, Point Index 3	0926	0	
Reporting Enable, Trouble Response, Point Index 3	0927	10	
Alarm Report Routing, Point Index 3	0928	1	
Restoral Report Routing, Point Index 3	0929	1	

## D4412 Programming Parameters

## 2.14.4 Point Index 4

Parameter	Nibble	Default	Entry
Point Type, Point Index 4	0930	4 (Tamper)	
Pulse Count, Point Index 4	0931	0	
Pulse Count Time, Point Index 4	0932	0	
Options 1, Point Index 4	0933	1	
Options 2, Point Index 4	0934	7	
Reporting Enable, Trouble Response, Point Index 4	0935	9	
Alarm Report Routing, Point Index 4	0936	1	
Restoral Report Routing, Point Index 4	0937	1	

## 2.14.5 Point Index 5

Parameter	Nibble	Default	Entry
Point Type, Point Index 5	0938	5 (Emergency)	
Pulse Count, Point Index 5	0939	0	
Pulse Count Time, Point Index 5	0940	0	
Options 1, Point Index 5	0941	1	
Options 2, Point Index 5	0942	7	
Reporting Enable, Trouble Response, Point Index 5	0943	9	
Alarm Report Routing, Point Index 5	0944	1	
Restoral Report Routing, Point Index 5	0945	1	

## 2.14.6 Point Index 6

Parameter	Nibble	Default	Entry
Point Type, Point Index 6	0946	6 (Visible Panic with Alarm Output)	
Pulse Count, Point Index 6	0947	0	
Pulse Count Time, Point Index 6	0948	0	
Options 1, Point Index 6	0949	1	
Options 2, Point Index 6	0950	7	
Reporting Enable, Trouble Response, Point Index 6	0951	9	
Alarm Report Routing, Point Index 6	0952	1	
Restoral Report Routing, Point Index 6	0953	1	

**D4412 Programming Parameters****2.14.7 Point Index 7**

Parameter	Nibble	Default	Entry
Point Type, Point Index 7	0954	7 (Invisible Panic)	
Pulse Count, Point Index 7	0955	0	
Pulse Count Time, Point Index 7	0956	0	
Options 1, Point Index 7	0957	1	
Options 2, Point Index 7	0958	7	
Reporting Enable, Trouble Response, Point Index 7	0959	9	
Alarm Report Routing, Point Index 7	0960	1	
Restoral Report Routing, Point Index 7	0961	1	

**2.14.8 Point Index 8**

Parameter	Nibble	Default	Entry
Point Type, Point Index 8	0962	8 (24-hr. Burglary)	
Pulse Count, Point Index 8	0963	0	
Pulse Count Time, Point Index 8	0964	0	
Options 1, Point Index 8	0965	1	
Options 2, Point Index 8	0966	7	
Reporting Enable, Trouble Response, Point Index 8	0967	9	
Alarm Report Routing, Point Index 8	0968	1	
Restoral Report Routing, Point Index 8	0969	1	

**2.14.9 Point Index 9**

Parameter	Nibble	Default	Entry
Point Type, Point Index 9	0970	9 (D268, D269, D279)	
Pulse Count, Point Index 9	0971	0	
Pulse Count Time, Point Index 9	0972	0	
Options 1, Point Index 9	0973	0	
Options 2, Point Index 9	0974	0	
Reporting Enable, Trouble Response, Point Index 9	0975	9	
Alarm Report Routing, Point Index 9	0976	1	
Restoral Report Routing, Point Index 9	0977	1	

## D4412 Programming Parameters

## 2.14.10 Point Index 10

Parameter	Nibble	Default	Entry
Point Type, Point Index 10	0978	10 (Keyswitch)	
Pulse Count, Point Index 10	0979	0	
Pulse Count Time, Point Index 10	0980	0	
Options 1, Point Index 10	0981	8	
Options 2, Point Index 10	0982	2	
Reporting Enable, Trouble Response, Point Index 10	0983	11	
Alarm Report Routing, Point Index 10	0984	1	
Restoral Report Routing, Point Index 10	0985	1	

## 2.14.11 Point Index 11

Parameter	Nibble	Default	Entry
Point Type, Point Index 11	0986	11 (Delay 1)	
Pulse Count, Point Index 11	0987	0	
Pulse Count Time, Point Index 11	0988	0	
Options 1, Point Index 11	0989	5	
Options 2, Point Index 11	0990	7	
Reporting Enable, Trouble Response, Point Index 11	0991	9	
Alarm Report Routing, Point Index 11	0992	1	
Restoral Report Routing, Point Index 11	0993	1	

## 2.14.12 Point Index 12

Parameter	Nibble	Default	Entry
Point Type, Point Index 12	0994	12 (Delay 2)	
Pulse Count, Point Index 12	0995	0	
Pulse Count Time, Point Index 12	0996	0	
Options 1, Point Index 12	0997	5	
Options 2, Point Index 12	0998	7	
Reporting Enable, Trouble Response, Point Index 12	0999	9	
Alarm Report Routing, Point Index 12	1000	1	
Restoral Report Routing, Point Index 12	1001	1	

**D4412 Programming Parameters****2.14.13 Point Index 13**

Parameter	Nibble	Default	Entry
Point Type, Point Index 13	1002	13 (Follower)	
Pulse Count, Point Index 13	1003	0	
Pulse Count Time, Point Index 13	1004	0	
Options 1, Point Index 13	1005	1	
Options 2, Point Index 13	1006	7	
Reporting Enable, Trouble Response, Point Index 13	1007	9	
Alarm Report Routing, Point Index 13	1008	1	
Restoral Report Routing, Point Index 13	1009	1	

**2.14.14 Point Index 14**

Parameter	Nibble	Default	Entry
Point Type, Point Index 14	1010	14 (Instant)	
Pulse Count, Point Index 14	1011	0	
Pulse Count Time, Point Index 14	1012	0	
Options 1, Point Index 14	1013	1	
Options 2, Point Index 14	1014	7	
Reporting Enable, Trouble Response, Point Index 14	1015	9	
Alarm Report Routing, Point Index 14	1016	1	
Restoral Report Routing, Point Index 14	1017	1	

**2.14.15 Point Index 15**

Parameter	Nibble	Default	Entry
Point Type, Point Index 15	1018	14 (Instant, Part on Mode enabled)	
Pulse Count, Point Index 15	1019	0	
Pulse Count Time, Point Index 15	1020	0	
Options 1, Point Index 15	1021	5	
Options 2, Point Index 15	1022	7	
Reporting Enable, Trouble Response, Point Index 15	1023	9	
Alarm Report Routing, Point Index 15	1024	1	
Restoral Report Routing, Point Index 15	1025	1	



## D4412 Programming Parameters

## 2.15 Global Point Configuration

Parameter	Nibble	Default	Entry
EOL Resistor Value (for on-board locations 2 to 8)	1026	2	
Point Response Options	1027	0	
Bypass/Force Bypass Report Routing	1028	1	
Swinger Count for Alarm Output	1029	1	
Swinger Count for Point Reports (Alarm, Trouble, Restore)	1030	1	
Bypass, Swinger Bypass, Sensor Trouble Report Options	1031	3	
Sensor Monitor Time	1032 to 1033	0,7	
Alarm Event Abort Window	1034	2	
Point Trouble, Restoral from Trouble Report Routing	1038	1	

*Reserved: Nibbles 1035 to 1037*

## 2.16 Global Output Configuration

Parameter	Nibble	Default	Entry
Global Output Options	1039	0	
Bell Time	1040	6	
Siren Warble Frequency (non-fire Alarm Output Functions)	1041	7	
Alarm Output Beep Volume	1042	7	
Strobe Output Type	1043	15	

# D4412

## D4412 Programming Parameters

### 2.17 Outputs

#### 2.17.1 Output 1

Parameter	Nibble	Default	Entry
Area, Output 1	1044	1	
Function, Output 1	1045 to 1046	1,10	
Mode, Output 1	1047	1	
Base, Output 1	1048	0	
Multiplier, Output 1	1049 to 1050	0,0	

#### 2.17.2 Output 2

Parameter	Nibble	Default	Entry
Area, Output 2	1051	1	
Function, Output 2	1052 to 1053	0,0	
Mode, Output 2	1054	1	
Base, Output 2	1055	0	
Multiplier, Output 2	1056 to 1057	0,0	

#### 2.17.3 Output 3

Parameter	Nibble	Default	Entry
Area, Output 3	1058	1	
Function, Output 3	1059 to 1060	0,0	
Mode, Output 3	1061	1	
Base, Output 3	1062	0	
Multiplier, Output 3	1063 to 1064	0,0	

#### 2.17.4 Output 4

Parameter	Nibble	Default	Entry
Area, Output 4	1065	1	
Function, Output 4	1066 to 1067	0,0	
Mode, Output 4	1068	1	
Base, Output 4	1069	0	
Multiplier, Output 4	1070 to 1071	0,0	

#### 2.17.5 Output 5

Parameter	Nibble	Default	Entry
Area, Output 5	1072	1	
Function, Output 5	1073 to 1074	0,0	
Mode, Output 5	1075	1	
Base, Output 5	1076	0	
Multiplier, Output 5	1077 to 1078	0,0	

#### 2.17.6 Output 6

Parameter	Nibble	Default	Entry
Area, Output 6	1079	1	
Function, Output 6	1080 to 1081	0,0	
Mode, Output 6	1082	1	
Base, Output 6	1083	0	
Multiplier, Output 6	1084 to 1085	0,0	

## D4412 Programming Parameters

## 2.17.7 Output 7

Parameter	Nibble	Default	Entry
Area, Output 7	1086	1	
Function, Output 7	1087 to 1088	0,0	
Mode, Output 7	1089	1	
Base, Output 7	1090	0	
Multiplier, Output 7	1091 to 1092	0,0	

## 2.17.8 Output 8

Parameter	Nibble	Default	Entry
Area, Output 8	1093	1	
Function, Output 8	1094 to 1095	0,0	
Mode, Output 8	1096	1	
Base, Output 8	1097	0	
Multiplier, Output 8	1098 to 1099	0,0	

## 2.17.9 Output 9

Parameter	Nibble	Default	Entry
Area, Output 9	1100	1	
Function, Output 9	1101 to 1102	0,0	
Mode, Output 9	1103	1	
Base, Output 9	1104	0	
Multiplier, Output 9	1105 to 1106	0,0	

## 2.17.10 Output 10

Parameter	Nibble	Default	Entry
Area, Output 10	1107	1	
Function, Output 10	1108 to 1109	0,0	
Mode, Output 10	1110	1	
Base, Output 10	1111	0	
Multiplier, Output 10	1112 to 1113	0,0	

## 2.17.11 Output 11

Parameter	Nibble	Default	Entry
Area, Output 11	1114	1	
Function, Output 11	1115 to 1116	0,0	
Mode, Output 11	1117	1	
Base, Output 11	1118	0	
Multiplier, Output 11	1119 to 1120	0,0	

## 2.17.12 Output 12

Parameter	Nibble	Default	Entry
Area, Output 12	1121	1	
Function, Output 12	1122 to 1123	0,0	
Mode, Output 12	1124	1	
Base, Output 12	1125	0	
Multiplier, Output 12	1126 to 1127	0,0	

*Reserved: Nibbles 1128 to 1183*

# D4412

## D4412 Programming Parameters

### 2.18 Skeds

#### 2.18.1 Sked 1

Parameter	Nibble	Default	Entry
Type, Sked 1	1184	0	
Assign (Area or Output) Sked 1	1185	0	
Time, Sked 1	1186 to 1189	0,0,0,0	
Days Option 1, Sked 1	1190	0	
Days Option 2, Sked 1	1191	0	

#### 2.18.2 Sked 2

Parameter	Nibble	Default	Entry
Type, Sked 2	1192	0	
Assign (Area or Output) Sked 2	1193	0	
Time, Sked 2	1194 to 1197	0,0,0,0	
Days Option 1, Sked 2	1198	0	
Days Option 2, Sked 2	1199	0	

#### 2.18.3 Sked 3

Parameter	Nibble	Default	Entry
Type, Sked 3	1200	0	
Assign (Area or Output) Sked 3	1201	0	
Time, Sked 3	1202 to 1205	0,0,0,0	
Days Option 1, Sked 3	1206	0	
Days Option 2, Sked 3	1207	0	

#### 2.18.4 Sked 4

Parameter	Nibble	Default	Entry
Type, Sked 4	1208	0	
Assign (Area or Output) Sked 4	1209	0	
Time, Sked 4	1210 to 1213	0,0,0,0	
Days Option 1, Sked 4	1214	0	
Days Option 2, Sked 4	1215	0	

#### 2.18.5 Sked 5

Parameter	Nibble	Default	Entry
Type, Sked 5	1216	0	
Assign (Area or Output) Sked 5	1217	0	
Time, Sked 5	1218 to 1221	0,0,0,0	
Days Option 1, Sked 5	1222	0	
Days Option 2, Sked 5	1223	0	

## D4412 Programming Parameters

## 2.18.6 Sked 6

Parameter	Nibble	Default	Entry
Type, Sked 6	1224	0	
Assign (Area or Output) Sked 6	1225	0	
Time, Sked 6	1226 to 1229	0,0,0,0	
Days Option 1, Sked 6	1230	0	
Days Option 2, Sked 6	1231	0	

## 2.18.7 Sked 7

Parameter	Nibble	Default	Entry
Type, Sked 7	1232	0	
Assign (Area or Output) Sked 7	1233	0	
Time, Sked 7	1234 to 1237	0,0,0,0	
Days Option 1, Sked 7	1238	0	
Days Option 2, Sked 7	1239	0	

## 2.18.8 Sked 8

Parameter	Nibble	Default	Entry
Type, Sked 8	1240	0	
Assign (Area or Output) Sked 8	1241	0	
Time, Sked 8	1242 to 1245	0,0,0,0	
Days Option 1, Sked 8	1246	0	
Days Option 2, Sked 8	1247	0	

## D4412

### D4412 Programming Parameters

#### 2.19 SDI Bus Device Configuration

Parameter	Nibble	Default	Entry
Premises RF Receiver Option	1249	0	
Premises RF Receiver, Supervision Interval	1250	5	
RF Receiver Jam Detect Level	1251	12	
D9533 RS-232 Module Output Configuration	1253	0	
D9533 RS-232 Module Configuration, Baud Rate	1254	2	
D9533 RS-232 Module Configuration, Parity-Flow Control-Stop Bit	1255	0	
D624 Telephone Command Module, Access Options	1256	0	

*Reserved: Nibbles 1248, 1252, 1257 to 1264*

#### 2.20 Miscellaneous System Trouble Option

Parameter	Nibble	Default	Entry
Misc System Trouble Options	1265	0	

#### 2.21 System Text

Parameter	Nibble	Default	Entry
Call for Service Text	1266 to 1297	Blank	
A Key Text	1298 to 1329	A Key Text	
B Key Text	1330 to 1361	B Key Text	
C Key Text	1362 to 1393	C Key Text	

#### 2.22 Area Text

Parameter	Nibble	Default	Entry
Area 1 Name	1394 to 1425	Area 1 Name Text	
Area 1 Idle Text	1426 to 1457	Not Ready	
Area 2 Name	1458 to 1489	Area 2 Name Text	
Area 2 Idle Text	1490 to 1521	Not Ready	

*Reserved: Nibbles 1522 to 1649*

## D4412 Programming Parameters

## 2.23 Location Text

Parameter	Nibble	Default	Entry
Location 1 Point Text	1650 to 1681	Location 1 Text	
Location 2 Point Text	1682 to 1713	Location 2 Text	
Location 3 Point Text	1714 to 1745	Location 3 Text	
Location 4 Point Text	1746 to 1777	Location 4 Text	
Location 5 Point Text	1778 to 1809	Location 5 Text	
Location 6 Point Text	1810 to 1841	Location 6 Text	
Location 7 Point Text	1842 to 1873	Location 7 Text	
Location 8 Point Text	1874 to 1905	Location 8 Text	
Location 9 Point Text	1906 to 1937	Location 9 Text	
Location 10 Point Text	1938 to 1969	Location 10 Text	
Location 11 Point Text	1970 to 2001	Location 11 Text	
Location 12 Point Text	2002 to 2033	Location 12 Text	
Location 13 Point Text	2034 to 2065	Location 13 Text	
Location 14 Point Text	2066 to 2097	Location 14 Text	
Location 15 Point Text	2098 to 2129	Location 15 Text	
Location 16 Point Text	2130 to 2161	Location 16 Text	
Location 17 Point Text	2162 to 2193	Location 17 Text	
Location 18 Point Text	2194 to 2225	Location 18 Text	
Location 19 Point Text	2226 to 2257	Location 19 Text	
Location 20 Point Text	2258 to 2289	Location 20 Text	
Location 21 Point Text	2290 to 2321	Location 21 Text	
Location 22 Point Text	2322 to 2353	Location 22 Text	
Location 23 Point Text	2354 to 2385	Location 23 Text	
Location 24 Point Text	2386 to 2417	Location 24 Text	

*Reserved: Nibbles 2418 to 2929*

## 2.24 RF Keypads



IMPORTANT

*The RF ID code is located on the back of the RF Keypad.*

### 2.24.1 Keypad 1

Parameter	Nibble	Default	Entry
RF Keypad 1 Options	2930	0	
RF Keypad 1 Area	2931	0	
RF Keypad 1, RF ID	N/A	N/A	

### 2.24.2 Keypad 2

Parameter	Nibble	Default	Entry
RF Keypad 2 Options	2932	0	
RF Keypad 2 Area	2933	0	
RF Keypad 2, RF ID	N/A	N/A	

### 2.24.3 Keypad 3

Parameter	Nibble	Default	Entry
RF Keypad 3 Options	2934	0	
RF Keypad 3 Area	2935	0	
RF Keypad 3, RF ID	N/A	N/A	

### 2.24.4 Keypad 4

Parameter	Nibble	Default	Entry
RF Keypad 4 Options	2936	0	
RF Keypad 4 Area	2937	0	
RF Keypad 4, RF ID	N/A	N/A	

## 2.25 RF Keyfobs

Parameter	Nibble	Default	Entry
RF Keyfob Assignment Options	2938	0	
RF Keyfob Options	2939	0	

## 2.26 Return to Default

Parameter	Nibble	Default	Entry
Return to Defaults	2944	0	

*Reserved: Nibbles 2940 to 2943*