

DVS-1200 DVS-2400 DVS-2408

PROGRAMMING KEY
(For Version 1.9 Firmware)

Linear®

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KEY FUNCTIONS DURING PROGRAMMING

HOME = PROGRAM TEST = REMOVE
AWAY = STORE

INSTALLATION INFORMATION

DATE: _____
LOCATION: _____
INSTALLER: _____

DEFAULT MASTER USER CODE AFTER A MASTER RESET OR ON FIRST-TIME POWER-UP

1 2 3 4

TELEPHONE NUMBER DELAYS AND SPECIAL CHARACTERS

- ADD A 1-SECOND DELAY (START OR MIDDLE OF NUMBER)
- ADD A POUND (#) CHARACTER (END OF NUMBER)
- ADD A 5-SECOND DELAY (ANYWHERE IN NUMBER)
- ADD A STAR (*) CHARACTER (ANYWHERE IN NUMBER)

TO ENTER SETUP MODE FOR CHANGING ANY SYSTEM PROGRAMMING

START IN TEST
↓
MASTER USER CODE
↓
1 GONG & 5 BEEPS
↓
SETUP MODE
PRESS THE OFF KEY FOR 3 SECONDS TO EXIT SETUP MODE

TO PROGRAM ANY SYSTEM STEP

START IN SETUP MODE
↓
PROGRAM STEP #
↓
PRESS HOME TO PROGRAM
↓
ENTER NEW VALUE
↓
1 BING
↓
DONE

TO PROGRAM WIRELESS SENSORS INTO THE SYSTEM'S MEMORY

START IN SETUP MODE
↓
NEW SENSOR NUMBER
↓
ACTIVATE WIRELESS SENSOR
↓
DONE

TO REMOVE WIRELESS SENSORS FROM THE SYSTEM'S MEMORY

START IN SETUP MODE
↓
SENSOR NUMBER TO REMOVE
↓
1 BING
↓
DONE

STEP #	PROGRAMMING FUNCTION & DETAILS	RANGE	DEFAULT	NEW #
99	MASTER USER CODE	1-5 DIGITS	1234	
93	RESTRICTED USER CODE #1	1-5 DIGITS	EMPTY	
94	RESTRICTED USER CODE #2	1-5 DIGITS	EMPTY	
95	RESTRICTED USER CODE #3	1-5 DIGITS	EMPTY	
96	RESTRICTED USER CODE #4	1-5 DIGITS	EMPTY	
97	RESTRICTED USER CODE #5	1-5 DIGITS	EMPTY	
98	PAGE ALERT USER CODE	1-5 DIGITS	EMPTY	
92	DURESS CODE	1-5 DIGITS	EMPTY	
87	REMOTE ACCESS PASSWORD	6 DIGITS	987654	
25	ENTRY DELAY	20-255 SEC	30	
26	EXIT DELAY	20-255 SEC	60	
30	BURGLARY SIREN RUNOUT TIME	1-30 MIN	5	
31	EMERGENCY SIREN RUNOUT TIME	1-30 MIN	5	
32	FIRE SIREN RUNOUT TIME	1-30 MIN	5	
40	AUTOMATION OUTPUT TIME (0 = TOGGLE)	0-2500SEC	0	
50	REMOTE ARMING MODE (2 = HOME; 3 = AWAY)	2 OR 3	3	
51	REMOTE DISARMING MODE (0 = OFF; 1 = CHIME)	0 OR 3	0	
61	ENTRY DELAY BEEPS (0 = OFF; 1 = ON)	0 OR 1	1	
62	EXIT DELAY BEEPS (0 = OFF; 1 = ON)	0 OR 1	1	
63	SILENT BURGLARY ALARM (0 = AUDIBLE; 1 = SILENT)	0 OR 1	0	
64	SILENT EMERGENCY ALARM (0 = AUDIBLE; 1 = SILENT)	0 OR 1	0	
65	QUICK ARMING (0 = OFF; 1 = ON)	0 OR 1	1	
66	AUTO RESTORE (0 = OFF; 1 = ON)	0 OR 1	0	
67	AUTO BYPASS (0 = OFF; 1 = ON)	0 OR 1	0	
68	AUTOMATION MODE ON ALARM (0 = FLASH; 1 = STEADY)	0 OR 1	0	
69	AUTOMATION BING TONE (0 = OFF; 1 = ON)	0 OR 1	1	
70	REMOTE ARM/DISARM CHIRP (0 = OFF; 1 = ON)	0 OR 1	1	
71	AUTOMATION FLASHES AFTER ALARM (0 = NO; 1 = YES)	0 OR 1	0	
72	AUTOMATION ON DURING ALARM (0 = NO; 1 = YES)	0 OR 1	0	
73	AUTOMATION ON WHILE ARMED (0 = NO; 1 = YES)	0 OR 1	0	
74	AUTOMATION ON DURING E/E DELAYS (0 = NO; 1 = YES)	0 OR 1	0	
75	AUTOMATION OUTPUT POLARITY (0 = +/OFF; 1 = +/ON)	0 OR 1	1	

STEP #	PROGRAMMING FUNCTION & DETAILS	RANGE	DEFAULT	NEW #
301	HARDWIRE LOOP #1 SENSOR NUMBER (DVS-2408 ONLY)	1 - 24	NONE	
302	HARDWIRE LOOP #2 SENSOR NUMBER (DVS-2408 ONLY)	1 - 24	NONE	
303	HARDWIRE LOOP #3 SENSOR NUMBER (DVS-2408 ONLY)	1 - 24	NONE	
304	HARDWIRE LOOP #4 SENSOR NUMBER (DVS-2408 ONLY)	1 - 24	NONE	
305	HARDWIRE LOOP #5 SENSOR NUMBER (DVS-2408 ONLY)	1 - 24	NONE	
306	HARDWIRE LOOP #6 SENSOR NUMBER (DVS-2408 ONLY)	1 - 24	NONE	
307	HARDWIRE LOOP #7 SENSOR NUMBER (DVS-2408 ONLY)	1 - 24	NONE	
308	HARDWIRE LOOP #8 SENSOR NUMBER (DVS-2408 ONLY)	1 - 24	NONE	
76	2-WAY AUDIO (0 = NO; 1 = LISTEN; 2 = MANUAL; 3 = AUTO)	0 - 3	0	
78	VOICE RESPONSE (0 = NO; 1 = YES) NOT FOR DVS-1200	0 OR 1	0	
100	REMOTE PROGRAMMING LOCK (0 = OFF; 1 = ON)	0 OR 1	0	
101	CALL LIMITER (0 = OFF; 1 = FIVE PER ARM)	0 OR 1	0	
103	DIALING DELAY (0 = 0 SEC DELAY; 1 = 30 SEC DELAY)	0 OR 1	0	
104	DIALING METHOD (0 = TONE; 1 = PULSE)	0 OR 1	0	
107	COMMUNICATOR ENABLE (0 = OFF; 1 = ON)	0 OR 1	0	
86	CALL ROUTING (0 = PRI/SEC; 1 = ALARMS ONLY PRI/SEC)	0 OR 1	0	
88	ACCOUNT NUMBER (UP TO 4 DIGITS)	0 - 9	0000	
89	PRIMARY PHONE NUMBER (UP TO 20 DIGITS)	0 - 9	EMPTY	
90	SECONDARY PHONE # (UP TO 20 DIGITS)	0 - 9	EMPTY	
91	SUPERVISORY PHONE # (UP TO 20 DIGITS)	0 - 9	EMPTY	
105	REPORTING FORMAT (0 = 4x2; 1 = ADEMCO)	0 OR 1	0	
108	REPORT SYSTEM TROUBLE (0 = NO; 1 = YES)	0 OR 1	0	
110	REPORT FORCE ARMING (0 = NO; 1 = YES)	0 OR 1	0	
111	REPORT OPEN & CLOSE (0 = NO; 1 = YES; 2 = MSTR ONLY)	0 - 2	0	
113	POINT ID REPORTING FOR 4x2 (0 = NO; 1 = YES)	0 OR 1	1	
201	GENERAL FIRE REPORT CODE	0 - 99	1	
202	GENERAL EMERGENCY REPORT CODE	0 - 99	2	
203	GENERAL SILENT PANIC REPORT CODE	0 - 99	3	
204	GENERAL BURGLARY REPORT CODE	0 - 99	4	
206	GENERAL TROUBLE REPORT CODE	0 - 99	6	
258	FORCE ARMING REPORT CODE	0 - 99	65	
259	DURESS REPORT CODE	0 - 99	66	
261	SYSTEM FIRE REPORT CODE	0 - 99	68	
262	SYSTEM EMERGENCY REPORT CODE	0 - 99	69	
263	SYSTEM TEST/CANCEL REPORT CODE	0 - 99	70	
264	SYSTEM LOW BATTERY RESTORAL REPORT CODE	0 - 99	71	
266	SYSTEM LOW BATTERY REPORT CODE	0 - 99	73	

NOTE: The bold programming Steps 88, 89, & 107 should be set for proper Central Station communications. Step 78 should be set if a voice board is installed and voice response is required (DVS-2400 & DVS-2408 only).

NOTE: The following open/close reporting codes are permanently assigned and cannot be changed.

USER CODE	4x2 CLOSING (ARMING) CODE	4x2 OPENING (DISARMING) CODE	ADEMCO CLOSING (ARMING) CODE	ADEMCO OPENING (DISARMING) CODE
MASTER	74	82	CLOSE U000	OPEN U000
RESTRICTED #1	75	83	CLOSE U001	OPEN U001
RESTRICTED #2	76	84	CLOSE U002	OPEN U002
RESTRICTED #3	77	85	CLOSE U003	OPEN U003
RESTRICTED #4	78	86	CLOSE U004	OPEN U004
RESTRICTED #5	79	87	CLOSE U005	OPEN U005
PAGE ALERT	80		CLOSE U006	
REMOTE ARM	81		R407 U007	
REMOTE DISARM		89		E407 U007

STEP #	PROGRAMMING FUNCTION & DETAILS	RANGE	DEFAULT	NEW #
210	SENSOR 1 ALARM REPORT CODE	0 - 99	11	
211	SENSOR 2 ALARM REPORT CODE	0 - 99	12	
212	SENSOR 3 ALARM REPORT CODE	0 - 99	13	
213	SENSOR 4 ALARM REPORT CODE	0 - 99	14	
214	SENSOR 5 ALARM REPORT CODE	0 - 99	15	
215	SENSOR 6 ALARM REPORT CODE	0 - 99	16	
216	SENSOR 7 ALARM REPORT CODE	0 - 99	17	
217	SENSOR 8 ALARM REPORT CODE	0 - 99	18	
218	SENSOR 9 ALARM REPORT CODE	0 - 99	19	
219	SENSOR 10 ALARM REPORT CODE	0 - 99	20	
220	SENSOR 11 ALARM REPORT CODE	0 - 99	21	
221	SENSOR 12 ALARM REPORT CODE	0 - 99	22	
222	SENSOR 13 ALARM REPORT CODE NOT FOR DVS-1200	0 - 99	23	
223	SENSOR 14 ALARM REPORT CODE NOT FOR DVS-1200	0 - 99	24	
224	SENSOR 15 ALARM REPORT CODE NOT FOR DVS-1200	0 - 99	25	
225	SENSOR 16 ALARM REPORT CODE NOT FOR DVS-1200	0 - 99	26	
226	SENSOR 17 ALARM REPORT CODE NOT FOR DVS-1200	0 - 99	27	
227	SENSOR 18 ALARM REPORT CODE NOT FOR DVS-1200	0 - 99	28	
228	SENSOR 19 ALARM REPORT CODE NOT FOR DVS-1200	0 - 99	29	
229	SENSOR 20 ALARM REPORT CODE NOT FOR DVS-1200	0 - 99	30	
230	SENSOR 21 ALARM REPORT CODE NOT FOR DVS-1200	0 - 99	31	
231	SENSOR 22 ALARM REPORT CODE NOT FOR DVS-1200	0 - 99	32	
232	SENSOR 23 ALARM REPORT CODE NOT FOR DVS-1200	0 - 99	33	
233	SENSOR 24 ALARM REPORT CODE NOT FOR DVS-1200	0 - 99	34	
234	SENSOR 1 TROUBLE REPORT CODE	0 - 99	41	
235	SENSOR 2 TROUBLE REPORT CODE	0 - 99	42	
236	SENSOR 3 TROUBLE REPORT CODE	0 - 99	43	
237	SENSOR 4 TROUBLE REPORT CODE	0 - 99	44	
238	SENSOR 5 TROUBLE REPORT CODE	0 - 99	45	
239	SENSOR 6 TROUBLE REPORT CODE	0 - 99	46	
240	SENSOR 7 TROUBLE REPORT CODE	0 - 99	47	
241	SENSOR 8 TROUBLE REPORT CODE	0 - 99	48	
242	SENSOR 9 TROUBLE REPORT CODE	0 - 99	49	
243	SENSOR 10 TROUBLE REPORT CODE	0 - 99	50	
244	SENSOR 11 TROUBLE REPORT CODE	0 - 99	51	
245	SENSOR 12 TROUBLE REPORT CODE	0 - 99	52	
246	SENSOR 13 TROUBLE REPORT CODE NOT FOR DVS-1200	0 - 99	53	
247	SENSOR 14 TROUBLE REPORT CODE NOT FOR DVS-1200	0 - 99	54	
248	SENSOR 15 TROUBLE REPORT CODE NOT FOR DVS-1200	0 - 99	55	
249	SENSOR 16 TROUBLE REPORT CODE NOT FOR DVS-1200	0 - 99	56	
250	SENSOR 17 TROUBLE REPORT CODE NOT FOR DVS-1200	0 - 99	57	
251	SENSOR 18 TROUBLE REPORT CODE NOT FOR DVS-1200	0 - 99	58	
252	SENSOR 19 TROUBLE REPORT CODE NOT FOR DVS-1200	0 - 99	59	
253	SENSOR 20 TROUBLE REPORT CODE NOT FOR DVS-1200	0 - 99	60	
254	SENSOR 21 TROUBLE REPORT CODE NOT FOR DVS-1200	0 - 99	61	
255	SENSOR 22 TROUBLE REPORT CODE NOT FOR DVS-1200	0 - 99	62	
256	SENSOR 23 TROUBLE REPORT CODE NOT FOR DVS-1200	0 - 99	63	
257	SENSOR 24 TROUBLE REPORT CODE NOT FOR DVS-1200	0 - 99	64	

USE THIS PROCEDURE TO CHANGE A SENSORS ZONE FROM ONE TYPE TO ANOTHER (PERIMETER TO INTERIOR, PANIC TO EMERGENCY, ETC.)

TO RESET THE SYSTEM TO THE FACTORY DEFAULTS
 START IN SETUP MODE
 ↓
 9 999
 ↓
 STEP #999 FOR MASTER RESET
 ↓
 9 999
 ↓
 PRESS TEST
 ↓
 9 999
 ↓
 ENTER 999 TO OK THE MASTER RESET
 ↓
 9 999
 ↓
 PRESS TEST, 1 BING SOUNDS, WAIT ABOUT 10 SECONDS
 ↓
 9 999
 ↓
 DONE

WARNING!
 THIS MASTER RESET PROCEDURE WILL ERASE ALL PROGRAMMED SENSORS AND RETURN ALL PROGRAMMING VALUES TO THE FACTORY DEFAULTS

TO CHANGE A SENSORS TYPE
 START IN SETUP MODE
 ↓
 SENSOR NUMBER FOR TYPE CHANGE
 ↓
 9 999
 ↓
 SENSOR TYPE NUMBER
 ↓
 1 BING
 ↓
 DONE

SENSOR ZONE TYPE		TYPE #
SENSOR TYPES	AUTOMATION	1
	EMERGENCY	2
	PANIC	3
	FIRE	4
	PERIMETER	5
	EXIT/ENTRY	6
	INTERIOR	7
	CHIME	8
	2-BUTTON ARM/DISARM (LEFT); 2-BUTTON AUTOMATION (RIGHT)	9
	2-BUTTON ARM (LEFT); 2-BUTTON DISARM (RIGHT)	10
	ENVIRONMENTAL	11

SENSOR SUPERVISORY TYPE		TYPE #
SS TYPE	NON-SUPERVISED	16
	SUPERVISED	17
	MANUAL RESTORING	18
	AUTO RESTORING	19

NOTE: The following Ademco reporting codes are permanently assigned and cannot be changed.

EVENT		EVENT QUALIFIER	EVENT CODE	ZONE/USER #'S
ADEMCO CONTACT ID REPORTING CODES	SYSTEM FIRE	E	110	25
	SENSOR SMOKE	E	111	1 - 24
	DURESS	E	121	0
	BURGLARY	E	130	1 - 24
	SYSTEM EMERGENCY	E	120	26
	AUDIBLE PANIC	E	120	1 - 24
	SILENT PANIC	E	122	1 - 24
	SYSTEM LOW BATTERY	E = LOW	302	0
	SYSTEM LOW BATTERY RESTORAL	R = RESTORE	302	0
	SENSOR LOW BATTERY	E	384	1 - 24
ADEMCO CONTACT ID REPORTING CODES	SUPERVISORY TROUBLE	E	381	1 - 24
	OPEN BY USER	E = OPEN	401	0 - 6
	REMOTE DISARM	E = OPEN	407	7
	CLOSE BY USER	R = CLOSE	401	0 - 6
	REMOTE OR QUICK ARM	R = CLOSE	407	7
	CANCEL BY USER	E	406	0
	FORCE ARM	E	574	0
	2-WAY AUDIO	E	606	0