

## 685 OPTION PROM PROGRAMMING WORKSHEET

ENGLISH LANGUAGE WORK SHEET				
CHANNEL # (HIGH SPEED) OR ALARM CODE (LOW SPEED)	HIGH SPEED		LOW SPEED	
	MESSAGE #	WRITTEN MESSAGE (from table "F" in instructions)	MESSAGE #	WRITTEN MESSAGE (from table "F" in instructions)
1				
2				
3				
4				
5				
6				
7				
8				
9	N/A	Not Applicable		

1. All message #'s must be 2 digits except for low speed channel 9, which is restricted to a single digit message #(1-9). Insert all leading zeroes.
2. If no message is desired, program "01" (For low speed channel 9, use "1")
3. For Contact ID messages, the 685 will not use this chart, but will use its internal table.

PROM CHART 2 (Use message #'s in English worksheet)																			
PHONE NUMBER SWITCH SETTING	ROTARY SWITCH SETTING																		
	ACCESS #				MAIN #												SUBS'S ID#		
PRIMARY (1 <sup>ST</sup> Digits)																	Enter 1-9 for low Speed channel 9		
SECONDARY (2 <sup>nd</sup> Digits)																	LEAVE BLANK		
	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8			9
HIGH SPEED CHANNELS										LOW SPEED ALARM CODES									

1. Insert all leading zeroes.

### PROGRAMMING:

1. Set rotary switch to **ACCESS# (Position 1)**, slide phone # switch to **PRIMARY**, enter 1<sup>st</sup> 4 digits of top row.
2. Set rotary switch to **MAIN# (Position 2)**, enter next 12 digits (4 on high speed – 8 on low speed) of top row.
3. Set rotary switch to **SUB'S ID# (Position 3)**, enter 1<sup>st</sup> digit of top row if necessary.
4. Set rotary switch to **ACCESS# (Position 1)**, slide phone # switch to **SECONDARY**, enter 1<sup>st</sup> 4 digits of bottom row.
5. Set rotary switch to **MAIN# (Position 2)**, enter next 12 digits (4 on high speed – 8 on low speed) of bottom row.
6. Set rotary switch to **SUB'S ID# (Position 3)**, enter 1<sup>st</sup> digit of bottom row if necessary.

PROM CHART 3: LINE CARD ENGLISH LANGUAGE ENABLING								
								OPTION/CHANNEL SELECTION SWITCHES ON 690 PROGRAMMER
1	2	3	4	5	6	7	8	
a. Check line card #'s to be enabled.								
b. Follow PROM programming procedure in instructions, With 690's rotary switch on <b>RESTORE (Position 10)</b> and checked switches "up"								

PROM CHART 4: LINE CARD “ZONE ENGLISH” LANGUAGE ENABLING OPTION SELECTION								
Applicable only to 685-2 or 685-8 line cards operating in HIGH SPEED format (685-4 line cards automatically yield “Zone English” output if enabled via PROM chart 3)								
								OPTION/CHANNEL SELECTION SWITCHES ON 690 PROGRAMMER
1	2	3	4	5	6	7	8	
a. Check 685-2 or 685-8 line card #'s to be enabled. Note: Line cards must be enabled via <b>PROM Chart 3</b>								
b. Follow PROM programming procedure in instructions, With 690's rotary switch on <b>16 SEC. DELAY (Position 7)</b> and checked switches “up”								

PROM CHART 5: REMOTE ALERT DELAY SELECTION (Skip if pulse relay option is to be selected)					
				NOT USED	OPTION/CHANNEL SELECTION SWITCHES ON 690 PROGRAMMER
1	2	3	4		
a. At table below, circle desired remote alert delay time.					
b. * Check corresponding switch #'s on chart above. <b>Note:</b> No programming is required for 1-sec. Time delay.					
c. Follow PROM programming procedure in instructions, With 690's rotary switch on <b>SECONDARY # ONLY (Position 8)</b> and checked switches "up".					

TIME DELAY (SEC.)	SWITCH#			
	1	2	3	4
1	NONE			
5	√			
10		√		
15	√	√		
20			√	
25	√		√	
30		√	√	
35	√	√	√	
40				√
45	√			√
50		√		√

PROM CHART 6: OPERATING OPTION SELECTION								
								OPTION/CHANNEL SELECTION SWITCHES ON 690 PROGRAMMER
1	2	3	4	5	6	7	8	
50 Hz.	Euro Cal	Auto A.C.	Test Msg.	Pulse Relay	300 Baud	1200 Baud	2400 Baud	
a. Check desired options on chart above.								
b. Follow PROM programming procedure in instructions, With 690's rotary switch on <b>OPEN/CLOSE (Position 9)</b> and checked switches "up".								
c. <b>Note:</b> Only 1 Baud rate switch (6,7,8) should be raised. Baud rate is 600 if no switch or both 6 and 7 are enabled.								

PROM CHART 7: COMPUTER OPTION SELECTION							
OPTION/CHANNEL SELECTION SWITCHES ON 690 PROGRAMMER							
1	2	3	4	5	6	7	8
ACK/NAK	Escape Character	Manual mode on failure	Test Computer	Alert Tone Silence	Remain in Auto-print mode if printer fails but computer is still OK. (Rev. 4.6 or higher.)	CAPS 4-2 output for 4-2 messages (do not set to send a 4-2 message to the Ademco/MAS computer)	Inhibit Translation of 4-2 codes B & C to High Speed Ademco
a. Check desired options on chart above. b. Follow PROM programming procedure in instructions, With 690's rotary switch on <b>INVERTED (Position 6)</b> and checked switches "up".							

PROM CHART 8: RESTORE REPORT TRANSLATION								
								OPTION/CHANNEL SELECTION SWITCHES ON 690 PROGRAMMER
1	2	3	4	5	6	7	8	
a. Check line card numbers for which translation of code 9 Restoral reports into Ademco High Speed is to be enabled								
b. Follow PROM programming procedure in instructions, With 690's rotary switch on <b>SYSTEM OPTIONS (Position 5)</b> and checked switches "up".								

PROM CHART 9: LINE CARD 3-1 WITH CHECKSUM ENABLING								
								OPTION/CHANNEL SELECTION SWITCHES ON 690 PROGRAMMER
1	2	3	4	5	6	7	8	
a. Check line card numbers for which 3-1 with checksum reports are to be enabled.								
b. Follow PROM programming procedure in instructions, With 690's rotary switch on <b>NOT USED (Position 12)</b> and checked switches "up".								

PROM CHART 10: MISC. OPTIONS																																																															
OPTION/CHANNEL SELECTION SWITCHES ON 690 PROGRAMMER																																																															
								1	2	3	4	5	6	7	8																																																
Enabled Long Range Radio Diagnostics to computer.								If set, don't combine 3-1,4-1 expanded messages								Disable BFSK into High Speed (4+2 instead)								Inhibit alert sounder on system failures (must be used with #5 chart 7)																Use4-2 for output of low speed expanded(3-1,4-1) messages								Check if Radio line card set to slot 7 is present								Check if Radio line card set to slot 8 is present							
a. Check desired options on chart above.																																																															
b. Follow PROM programming procedure in instructions, With 690's rotary switch on <b>NOT USED (Position 11)</b> and checked switches “up”.																																																															

PROM CHART 11: LISTEN IN ENABLE								
								OPTION/CHANNEL SELECTION SWITCHES ON 690 PROGRAMMER
1	2	3	4	5	6	7	8	
a. Check line card numbers for which listen in capabilities are to be enabled.								
b. Follow PROM programming procedure in instructions, With 690's rotary switch on <b>NOT USED (Position 13)</b> and checked switches "up".								
c. <b>Note:</b> 685 will hold line for 60 sec. After kissoff, if enabled								