Fire Burglary Instruments, Inc.

50 Engineers Road, Hauppauge, New York 11788

FB INC | **Model 545**

INSTALLATION INSTRUCTIONS

516-582-6161 · 800-645-5430

BACKVIEW OF 545

CLOSE-UP OF MATRIX

FIG. #1

EXAMPLE AS SHOWN:

CODE 1,2,3,4
AMBUSH 1,2,3,5
UNUSED DIGITS 6,7,8,9,0

NOTE: BE SURE THAT EACH COLUMN AND ROW HAVE NO REPEAT NUMBERS IN THEM.

1. Select four digit code to be used. No number may be used more than once. DO NOT USE * or #.

2. The code should be set on the matrix as shown in fig. #1. Use any pointed object, such as a pen, to move the slide switches on the matrix to the desired position. The code will be set on the 4 columns from the extreme left, with that column being the first digit.

3. If Ambush is desired, any digit not already used may be set in the fifth column from the left.

4. The unused columns and rows must be set with the unused digits. NO NUMBER MAY BE USED TWICE.

5. Pressing the digits in the correct order of the code will cause the digital key to switch the panel.

6. The first 3 digits are common to the arm/disarm and ambush codes. When the ambush code is pressed, the Black wire will deliver a (+) DC voltage for silent activation of a digital dialer, and the control panel will arm or disarm, dependent on the state the panel was in before activation of the ambush code.

7. Be sure connector J3 is connected properly (cable facing down) and is plugged in tight before mounting unit in wall.

WARNING: This unit is NOT intended for outside use.

ISSUE E DATE 3/25/83

	545	600/650	642 & 642UL	XL1215 & XL1213	1270	1290 & 1290A
+DC	BLUE	15	25	9	12	7
GROUND (-DC)	BROWN	14	8	6	10	15
POSITIVE KEY OUTPUT	YELLOW	16	28	8	11	6
GREEN LED (+)	ORANGE	15	25	9	12	7
GREEN LED (-)	RED	21	26	22	13	17
RED LED (+)	GREEN	15	25	9	14	7
RED LED (-)	VIOLET	24	27	23	21	21
NEGATIVE KEY OUTPUT	WHITE	--	--	--	--	--
AMBUSH	BLACK	23	D	10	D	8
SPARE	GREY	--	--	--	--	--
	J1/J2	CUT	CUT		CUT	CUT

D = DIGITAL COMMUNICATOR