

Fire Burglary Instruments, Inc.

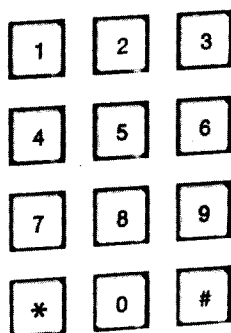
50 Engineers Road, Hauppauge, New York 11788



models
547 & XL547F

INSTALLATION INSTRUCTIONS

516-582-6161 · 800-645-5430



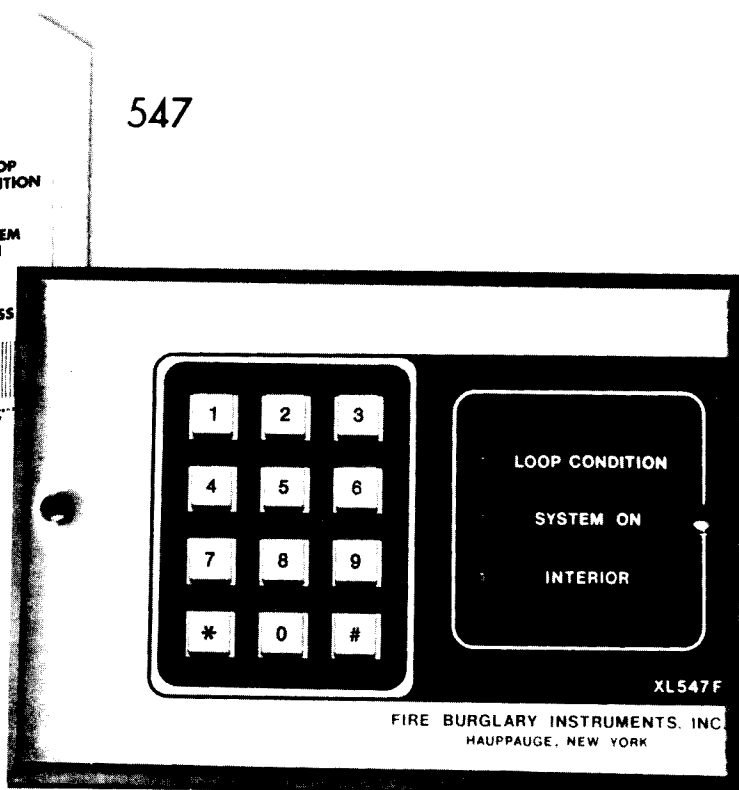
LOOP
CONDITION

SYSTEM
ON

BYPASS



XL547F



The Model 547 (Surface Mounted) and the Model XL547F (Flush Mounted) Digital Keys can be used for a multitude of applications: Arm/Disarm, adjustable momentary or maintained output, built-in Tamper (547 only), Panic output and Bypass.

To operate the Digital Key, you must enter a Four-Digit Code in the correct sequence. If you enter a wrong digit or enter a digit out of sequence, you must start back with the first digit. There is a separate four digit code for bypass. The Model 547 has a Built-in Tamper switch to be connected directly to the control panel.

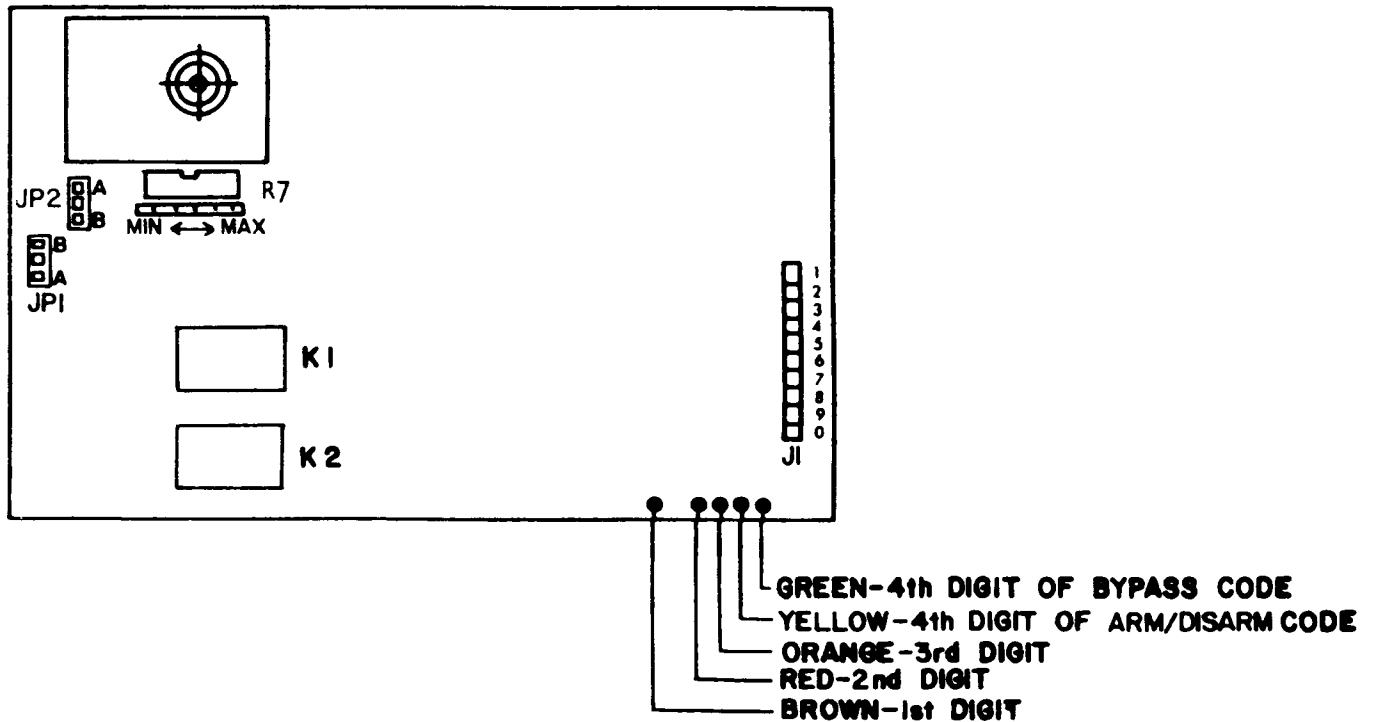
Both Digital Keys operate from 6v to 18v DC. By positioning a jumper, adjustable momentary or latched outputs are available for arm/disarm. There is a second four digit code which can be used for shunting desired areas of protection. This Unit also has a "Love and Kisses" panic when * and # are pressed simultaneously.

WIRES	FUNCTION	
Brown	Negative (ground) applied to operate buzzer. JP1 "A" position).	
Green	Plus voltage applied to operate buzzer. (JP1 "B" position).	
Red Orange	N.O. portion of Form C relay contacts for arm/disarm. Orange is the common. See Jumper JP2 below for relay operation.	
Yellow Orange	N.C. portion of Form C relay contacts. Orange is the common. See jumper JP2 below for relay operation.	
Black(+) White(-)	Input voltage to activate Red LED is applied to these wires.	
White/Red (+) White/Brown(-)	Input voltage to activate Green LED is applied to these wires.	
White/Yellow(+)12v White/Orange(-) Blue (+) 6v *	Input voltage to power keypad is wired to these wires.	
White/Green White/Blue	N.O. contact that closes when tamper is activated or * and # are pressed simultaneously (Love and Kisses).	
Yellow/Brown	Normally closed contact	To be used to shunt out certain areas of protection. Contacts will lock-in. Activated by bypass code. Yellow LED will follow contact.
Yellow/Orange	Common	
Yellow/Red	Normally open contact	

JUMPERS	FUNCTION
JP1	A- A ground applied to brown wire will activate buzzer. B- A(+) voltage applied to green wire will activate buzzer.
JP2	A- After entering code relay will pull in for time selected on R7 Trimpot. B- After entering code relay will lock-in until code is re-entered.

*NOTE: THE BLUE WIRE SHOULD BE USED AS (+) POSITIVE DC INPUT TO POWER THIS KEYPAD IN THE EVENT THIS DEVICE WILL BE USED WITH 6v CONTROL PANELS. THE WHITE/YELLOW WIRE IS TO BE USED ON 12v CONTROL PANELS.

FIG 2



SETTING THE CODE:

The two codes consist of four digits which are set by inserting the properly colored wires into the appropriate holes in the J1 connector as follows:

Brown Wire	-	1st Digit
Red Wire	-	2nd Digit
Orange Wire	-	3rd Digit
Yellow Wire	-	4th Digit of Arm/Disarm code
Green Wire	-	4th Digit of Bypass code

The first three digits of both codes are the same. The fourth digit of each code differs.

Only the digits 0 thru 9 can be used. * and # are only used for (Love and Kisses) Panic. As the 0 thru 9 digits are pressed, the buzzer will sound verifying the digit has been entered.

With the JP2 jumper in the "A" position, the amount of time the relay will remain activated, after the code has been entered, is adjustable. By turning R7 (Fig. 2) clockwise the time can be varied from 0 to 2 minutes.

DESCRIPTION	547/XL547F	600/ 650	642	642UL	685(-12) 687(-12)	XL1213 & XL1216	XL1215	1270	1270RE	1290 1290A
BUZZER INPUT WIRES	BROWN	-	-	-	-	21	21	-	-	19
N.O.	GREEN	-	19	19	3-685(-12)	-	-	WHITE WIRE	WHITE WIRE	-
COMMON	RED	16	28	28	3-687(-12)	8	8	11	11	6
N.C.	ORANGE	15	25	25	4-687(-12)	9	9	12	12	7
RED LED(-)	YELLOW	-	-	-	-	-	-	-	-	-
RED LED(+)	WHITE	24	27	27	2-687(-12)	23	23	21	21	21
GREEN LED(-)	BLACK	15	25	25	4-687(-12)	9	9	14	14	7
GREEN LED(+)	WHITE/BROWN	21	26	26	1-687(-12)	22	22	13	21	17
GROUND	WHITE/RED	15	25	25	4-687(-12)	9	9	12	13	7
INPUT VOLTAGE	WHITE/ORANGE	14	24	20	6-687(-12)	6	6	10	10	15
N.O. CONTACTS FOR PANIC & TAMPER MODEL 547 ONLY	WHITE/YELLOW	-	-	-	--	9	9	12	12	7
	BLUE 6v	15	25	25	4-687(-12)	-	-	-	-	-
	WHITE/GREEN	3	9	9	-	9	9	12	12	7
	WHITE/BLUE	4	10	10	-	10	10	19	19	8
SHUNT CONTACTS	YELLOW/BROWN	---	NORMALLY CLOSED							
	YELLOW/ORANGE	---	COMMON							
	YELLOW/RED	---	NORMALLY OPEN							
BUZZER RELAY	J1 J2	- A	B A	B A	B A	A A	A A	B A	B A	A A