



550 REMOTE STATION

The Remote Station consists of a 12 digit keypad, with green, yellow, and red L.E.D. A four digit code is used for activation of any of three functions: Arm/Disarm, Shunt and Ambush OR Panic.* For user simplicity, the first three digits are common to all codes, with the fourth digit determining the output function. If panic is used instead of ambush, pressing * and # together will take the place of a 4 digit code. Repeat digits are acceptable, preferably only in the first three digits.

The L.E.D.'s operate as follows: Green follows loop indicator on control panel, yellow on indicates shunt is activated. Red on indicates control panel is armed.

Up to five (5) 550 remotes may be used with one 551.

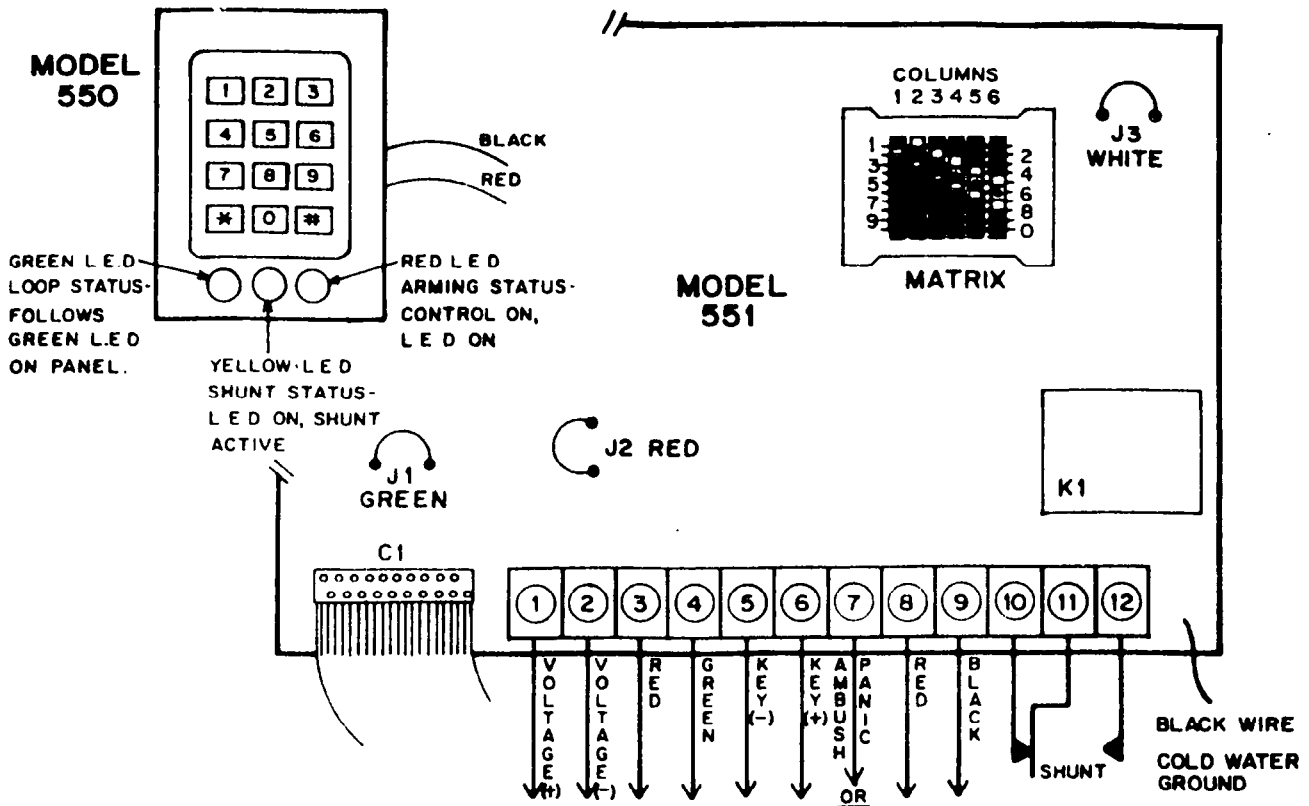
NOTE: With red L.E.D. on, it is possible to have green or yellow L.E.D. on faintly. This is normal.

551 MASTER CONTROL

The two wires from the keypad are connected to the 551 Master where all codes are processed. The resulting outputs appear at the terminal strip. A slide switch matrix on the Master Board is used to select codes for Arm/Disarm, Shunt and Ambush. Outputs on the 551 operate as follows: Momentary positive or negative pulse for Arm/Disarm, momentary positive pulse for ambush or panic, maintained N.O. or N.C. contacts for shunt. Terminals are also provided for inputs from control panel L.E.D.'s.

***NOTE:** Panic is a signal used in an emergency situation. The ambush code provides 2 outputs: A momentary disarm pulse and an output to a dialer.

TERMINALS	DESCRIPTIONS
1 + 2 -	6-18VDC constant input voltage from control. 1(+), 2(-). Do not apply power until all other connections are made.
3 Red LED	Arming light input from control panel. If control goes to ground to turn on arming light, leave J2 (red jumper) intact. If control goes positive to turn on arming light, cut J2.
4 Green LED	Loop indicator input from control panel. If control goes to ground to turn on loop indicator light, leave J1 (green jumper) intact. If control goes positive to turn on loop indicator, cut J1.
5 - Momentary Output	Negative arm/disarm output - connect to keyswitch terminal if control panel needs a negative voltage to arm.
NOTE: Use either terminal 5 or 6. <u>DO NOT</u> USE BOTH.	
6 + Momentary Output	Positive arm/disarm output - connect to keyswitch terminal if control panel needs a positive voltage to arm.
7 + Momentary Output	Ambush or Panic Output - positive output to panic terminal on control panel or hold-up channel on dialer.
8 Red Wire 9 Black Wire	550 remote stations: Red wire to 8; black wire to 9.
10, 11 & 12	Shunt Output: 10-N.C. / 11 Common / 12-N.O.



Follow steps below to set up function codes on 551 Master. The first 3 digits are common to all functions.

NOTE: If * and # are to be used for panic, the white jumper on each 550 keypad must be cut, J3 must be cut and the number 3 may not be used on the switch matrix. To operate panic, press * and # together.

- A. Select three digits in the first three columns on switch matrix. (See Diagram)
 - B. 4th column switch is shunt code
 - C. 5th column switch is ambush code
 - D. 6th column switch is arm/disarm code
- Select any digit for these functions, preferably an unused digit.

551	600/650	642(*)	642U.L.	685(**)/685-12	XL1213 & XL1216(*)	XL1215	1270	1270RE	1272	1290	1290A(*)	
1	15	25	24	4 on 687	9	9	12	12	25	7	7	
2	14	24	20	6 on 687	6	6	10	10	32	15	15	
3	24	27	27	2 on 687	23	23	14	14	28	21	21	
4	21	26	26	1 on 687	22	22	13	13	24	17	17	
5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
6	16	28	28	3 on 687	8	8	11	11	6	6	6	
7	A-23 P-4	A-D P-10	A-D P-10	A-D	A-10 P-10	A-10 P-4	A-D P-19	A-D P-19	A/P-8	A-8	A-8	
8	←----- RED WIRE -----→											
9	←----- BLACK WIRE -----→											
10	NORMALLY CLOSED CONTACT				TO BE USED TO SHUNT OUT CERTAIN AREAS OF PROTECTION. CONTACTS WILL LOCK-IN. YELLOW LED WILL FOLLOW.							
11	COMMON											
12	NORMALLY OPEN CONTACT											
J1	CONN.	CONN.	CONN.	CONN.	CONN.	CONN.	CONN.	CUT	CONN.	CONN.	CONN.	
J2	CONN.	CONN.	CONN.	CONN.	CONN.	CONN.	CUT	CUT	CONN.	CONN.	CONN.	
J3	←----- FOR <u>AMBUSH</u> LEAVE CONNECTED OR CUT FOR <u>PANIC</u> . -----→											

A=AMBUSH P=PANIC D=DIGITAL COMMUNICATOR N/A=NOT APPLICABLE CONN.=CONNECTED

(*) Model 553 Ribbon Cable may be substituted for Wiring Connections.

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