

TELECRANE USA

F25-60 Joystick Wiring Diagram Description

Description		Wire #	
Power Input for receiver electronics			
AC power white line (for AC systems) and DC negative for DC systems		2-1	AC White Line / DC Negative
AC power hotline for AC systems and DC positive for DC systems		2-2	AC Hot Line / DC Positive
Main Relay			
AC (Hot) or DC+ power input for the main relay of the receiver		2-3	Starting/Activating Receiver: 1- Release EMS knob 2- Press Start pushbutton
Power output from the Main relay of the receiver when it is activated (starting sequence completed)		2-4	
Side Pushbuttons Block			
COM 1	AC (Hot) or DC+ power input for pushbutton relays.	2-21	
F1	Output power from F1 pushbutton relay when F1 pushbutton is pressed (energized)	1-1	
Start/R0	Output power from the "R0" relay. To activate the receiver, the "Start" pushbutton should be pressed first. After activating the receiver, subsequent pressing of the "Start" pushbutton controls the relay "R0".	1-2	
R1	Output power from R1 Relay, when pushbutton R1 is pressed.	1-3	
R2	Output power from R2 Relay, when pushbutton R2 is pressed.	1-4	
R3	Output power from R3 Relay, when pushbutton R3 is pressed.	1-5	
R4	Output power from R4 Relay, when pushbutton R4 is pressed.	1-6	

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Selector Switches Block - SW A, B, C, & D			
COM 2	AC (Hot) or DC+ power input for selector switch relays.	2-22	
SW A	Output power from the relay controlled by switch A (On/Off)	1-7	
SW B	Output power from the relay controlled by switch B position A (On/Off)	1-8	
	Output power from the relay controlled by switch B position B (On/Off)	1-9	
SW C	Output power from the relay controlled by switch C position A (On/Off)	1-10	
	Output power from the relay controlled by switch C position B (On/Off)	1-11	
SW D	Output power from the relay controlled by switch D (On/Off)	1-12	

Joystick #1			
COM 3	AC (Hot) or DC+ power input for joystick #1 relays.	2-23	
J1 Y U1	Output power from the relay controlled by joystick 1 "UP" motion - first step	1-13	
J1 Y D1	Output power from the relay controlled by joystick 1 "DOWN" motion - first step	1-14	
J1 Y (U/D) 2	Output power from the relay controlled by joystick 1 "UP/Down" motion - 2nd step	1-15	
J1 Y (U/D) 3	Output power from the relay controlled by joystick 1 "UP/Down" motion - 3rd step	1-16	
J1 Y (U/D) 4	Output power from the relay controlled by joystick 1 "UP/Down" motion - 4th step	1-17	
J1 Y (U/D) 5	Output power from the relay controlled by joystick 1 "UP/Down" motion - 5th step	1-18	
J1 X L1	Output power from the relay controlled by joystick 1 "LEFT" motion - first step	1-19	
J1 X R1	Output power from the relay controlled by joystick 1 "RIGHT" motion - first step	1-20	
J1 X (L/R) 2	Output power from the relay controlled by joystick 1 "LEFT/RIGHT" motion - 2nd step	1-21	
J1 X (L/R) 3	Output power from the relay controlled by joystick 1 "LEFT/RIGHT" motion - 3rd step	1-22	

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J1 X (L/R) 4	Output power from the relay controlled by joystick 1 "LEFT/RIGHT" motion - 4th step	1-23	
J1 X (L/R) 5	Output power from the relay controlled by joystick 1 "LEFT/RIGHT" motion - 5th step	1-24	

Joystick #2			
COM 4	AC (Hot) or DC+ power input for joystick #2 relays.	2-24	
J2 Y U1	Output power from the relay controlled by joystick 2 "UP" motion - first step	2-5	
J2 Y D1	Output power from the relay controlled by joystick 2 "DOWN" motion - first step	2-6	
J2 Y (U/D) 2	Output power from the relay controlled by joystick 2 "UP/Down" motion - 2nd step	2-7	
J2 Y (U/D) 3	Output power from the relay controlled by joystick 2 "UP/Down" motion - 3rd step	2-8	
J2 Y (U/D) 4	Output power from the relay controlled by joystick 2 "UP/Down" motion - 4th step	2-9	
J2 Y (U/D) 5	Output power from the relay controlled by joystick 2 "UP/Down" motion - 5th step	2-10	
J2 X L1	Output power from the relay controlled by joystick 2 "LEFT" motion - first step	2-11	
J2 X R1	Output power from the relay controlled by joystick 2 "RIGHT" motion - first step	2-12	
J2 X (L/R) 2	Output power from the relay controlled by joystick 2 "LEFT/RIGHT" motion - 2nd step	2-13	
J2 X (L/R) 3	Output power from the relay controlled by joystick 2 "LEFT/RIGHT" motion - 3rd step	2-14	
J2 X (L/R) 4	Output power from the relay controlled by joystick 2 "LEFT/RIGHT" motion - 4th step	2-15	
J2 X (L/R) 5	Output power from the relay controlled by joystick 2 "LEFT/RIGHT" motion - 5th step	2-16	

AUX Block			
AUX 1	Reserved for Aux use	2-17	
AUX 2	Reserved for Aux use	2-18	
AUX 3	Reserved for Aux use	2-19	
AUX 4	Reserved for Aux use	2-20	

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