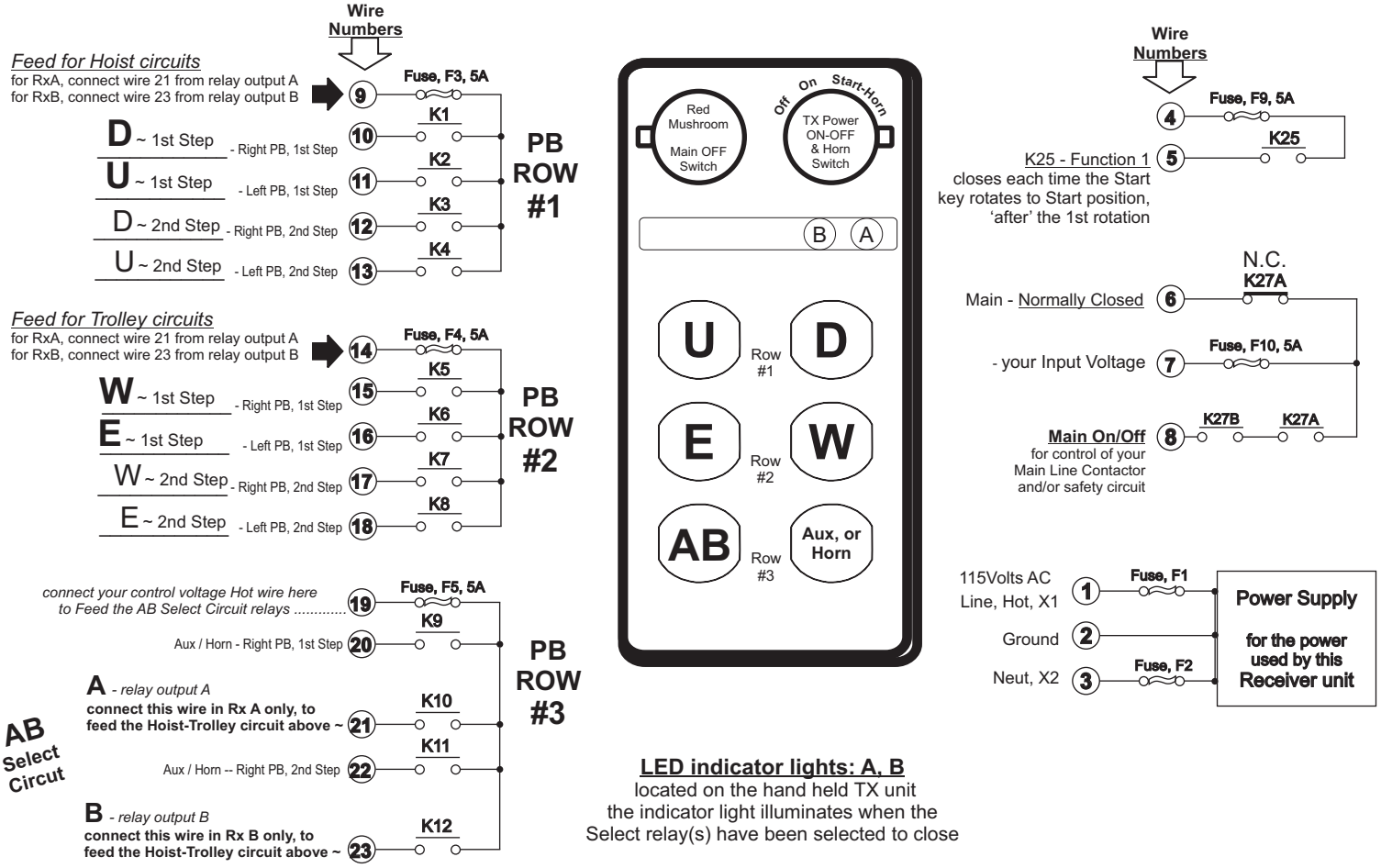
Akostar Model number: 6EX2-AB-PB

6EX2-AB-PB-1RX ~ system with 1 RX unit

6EX2-AB-PB-2RX ~ system with 2 RX units



LED indicator lights: A, B
located on the hand held TX unit
the indicator light illuminates when the
Select relay(s) have been selected to close

AB Select Circuit Notes

(1) use A,B relays to feed your Hot control voltage to Hoist & Trolley circuits
(2) use relay output A (wire 21, relay K10), in Receiver A to feed wires 9 + 14 in receiver unit RxA
(3) use relay output B (wire 23, relay K12), in Receiver B to feed wires 9 + 14 in receiver unit RxB
(4) if you do not have a mainline contactor to control, then we suggest you feed K27 your hot control voltage and use the output from wire 8, to feed wire 19, thereby taking advantage of the E-Stop safety circuit

Important Notes:

(1) The receiver is provided with a relay output for your main On/Off circuit the Main On/Off output is closed to energize your main line contactor when the transmitter unit Start switch is rotated to the ON position, and this output opens when: the red mushroom stop switch is pressed down, or when the Transmitter switch is rotated to the off position.

(2) Each Group of Relay outputs shown above has a common input, more specifically a "relay group input-voltage-common". This input-common is separate for each group of relays. The reason for separate commons is to give the installer flexibility to use different control circuit voltages, or use multiple control transformers. The installer must provide your control voltage onto the relay input-common, of which is usually the 120V-line (sometimes referred to as the X1) .. .. The relay acts like a switch - whatever you feed onto the one side of the relay will be what comes out of that relay when it is commanded closed by the pushbutton .. .. if you have only one control transformer, then the control circuit voltage is the same for all functions and in this case the installer should connect all relay input-commons together, of which are wire numbers: 4, 7, 9, 14, 19, 24

(3) In most applications, this system will have extra relays and wires not used.

(4) Please note: there is one NC (Normally Closed) output for the Main On/Off ... be sure to isolate (tape-off, wire-nut, etc) this connection and any other un-used wires to prevent shorts.

Please feel free to call Akostar with any questions on this Radio Remote Control System.
Office Hours are 8:30 AM - 5:00 PM, Eastern Standard Time. Phone: 724-774-0464.