

Button and Dials Programming Sheet: F24-J

Auto Shut Down time
Default setting of 1 hour

never 1 hour
 10 minutes 2 hours
 20 minutes 3 hours
 30 minutes 4 hours

F1 **Start**

Normal
 Toggle (on/off)
 Controlled by stop
 Not controlled by stop

1

normal, interlocked with button "2"

Normal, not interlocked
 Toggle (on/off)
 On (off is button "2")
 Controlled by stop
 Not controlled by stop

2

normal, interlocked with button "1"

Normal, not interlocked
 Toggle (on/off)
 Off (on is button "1")
 Controlled by stop
 Not controlled by stop

3

normal, interlocked with button "4"

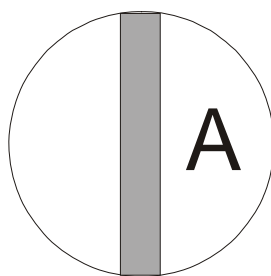
Normal, not interlocked
 Toggle (on/off)
 On (off is button "4")
 Controlled by stop
 Not controlled by stop

4

normal, interlocked with button "3"

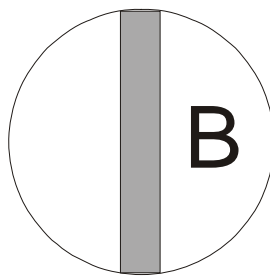
Normal, not interlocked
 Toggle (on/off)
 Off (on is button "3")
 Controlled by stop
 Not controlled by stop

The A & B associated with dial B pertain to only dial B. The A & B associated with dial C pertain to only dial C.



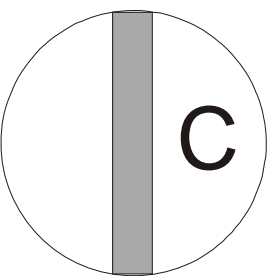
A

On / Off
 Controlled by stop
 Not controlled by stop



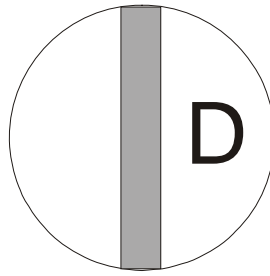
B

A, A+B, B
 A, OFF, B
 Controlled by stop
 Not controlled by stop



C

A, A+B, B
 A, OFF, B
 Controlled by stop
 Not controlled by stop



D

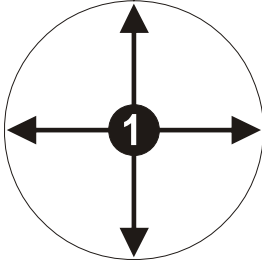
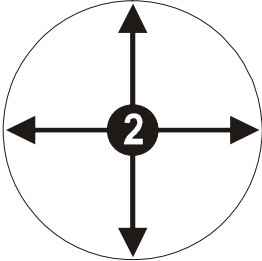
On / Off
 Controlled by stop
 Not controlled by stop

11.0 Programming and button labeling

Custom labels for F24-J

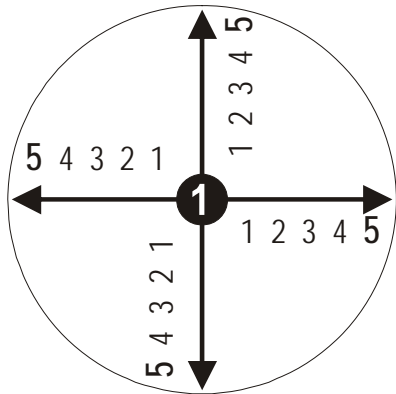
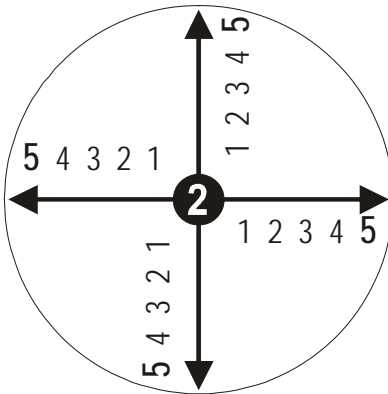
The words in bold appear on the joystick motion if you do not fill in the squares below.

| | | | |
|---|---|---|---|
| WEST <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | EAST <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | aux DOWN <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | aux UP <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
|---|---|---|---|

| | |
|--|---|
|  | <p>NORTH <input type="checkbox"/><input type="checkbox"/><input type="checkbox"/><input type="checkbox"/><input type="checkbox"/></p> <p>SOUTH <input type="checkbox"/><input type="checkbox"/><input type="checkbox"/><input type="checkbox"/><input type="checkbox"/></p> |
|  | <p>UP <input type="checkbox"/><input type="checkbox"/><input type="checkbox"/><input type="checkbox"/><input type="checkbox"/></p> <p>DOWN <input type="checkbox"/><input type="checkbox"/><input type="checkbox"/><input type="checkbox"/><input type="checkbox"/></p> |

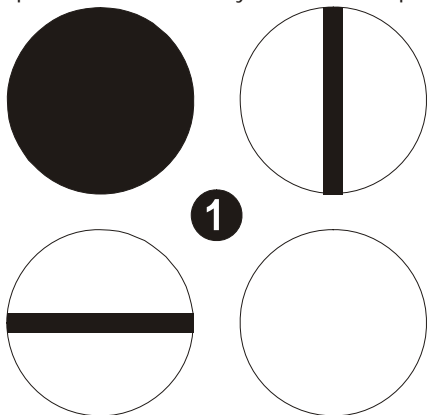
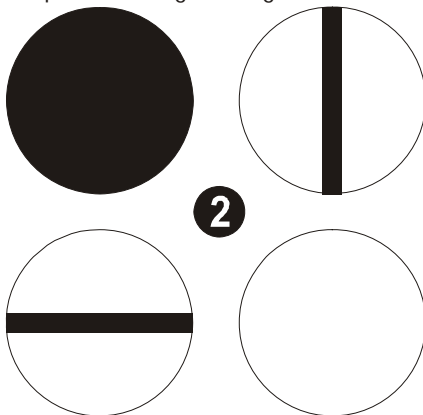
Restrict maximum speed position of any motion

Circle the last detent that the that motion can achieve. Default detent is all the way through to the 5th step.

| | |
|---|---|
|  | <p>If you wish to eliminate all the detents from any of the 4 motions write NONE above the motion's arrow instead of circling a number.</p> |
|  | |

Customize travel path of joystick

To customize where the joystick can travel circle one of the drawings below for each joystick or fill in the blank circle with the path desired. The fully black circle represents the default setting of complete 360 degree range of motion.

| | |
|---|--|
|  |  |
|---|--|

Custom relay configuration sheet for model: F24-J

Standard Configurations

| | WEST | | | | | EAST | | | | | |
|-----|------|---|---|---|---|------|---|---|---|---|---|
| | 5 | 4 | 3 | 2 | 1 | 0 | 1 | 2 | 3 | 4 | 5 |
| 1X1 | X | X | X | X | X | | | | | | |
| 1X2 | | | | | | X | X | X | X | X | |
| 1X3 | X | X | X | X | | | | X | X | X | X |
| 1X4 | X | X | X | | | | | | X | X | X |
| 1X5 | X | X | | | | | | | | X | X |
| 1X6 | X | | | | | | | | | | X |

Acceleration delay in seconds: 0.0, 0.3, 0.5, 1.0, 1.5, 2.0, 3.0, 4.0

Custom Configurations

| | WEST | | | | | EAST | | | | | |
|-----|------|---|---|---|---|------|---|---|---|---|---|
| | 5 | 4 | 3 | 2 | 1 | 0 | 1 | 2 | 3 | 4 | 5 |
| 1X1 | | | | | | | | | | | |
| 1X2 | | | | | | | | | | | |
| 1X3 | | | | | | | | | | | |
| 1X4 | | | | | | | | | | | |
| 1X5 | | | | | | | | | | | |
| 1X6 | | | | | | | | | | | |

SOUTH NORTH

| | SOUTH | | | | | NORTH | | | | | |
|-----|-------|---|---|---|---|-------|---|---|---|---|---|
| | 5 | 4 | 3 | 2 | 1 | 0 | 1 | 2 | 3 | 4 | 5 |
| 1Y1 | X | X | X | X | X | | | | | | |
| 1Y2 | | | | | | X | X | X | X | X | |
| 1Y3 | X | X | X | X | | | | X | X | X | X |
| 1Y4 | X | X | X | | | | | | X | X | X |
| 1Y5 | X | X | | | | | | | | X | X |
| 1Y6 | X | | | | | | | | | | X |

Acceleration delay in seconds: 0.0, 0.3, 0.5, 1.0, 1.5, 2.0, 3.0, 4.0

SOUTH NORTH

| | SOUTH | | | | | NORTH | | | | | |
|-----|-------|---|---|---|---|-------|---|---|---|---|---|
| | 5 | 4 | 3 | 2 | 1 | 0 | 1 | 2 | 3 | 4 | 5 |
| 1Y1 | | | | | | | | | | | |
| 1Y2 | | | | | | | | | | | |
| 1Y3 | | | | | | | | | | | |
| 1Y4 | | | | | | | | | | | |
| 1Y5 | | | | | | | | | | | |
| 1Y6 | | | | | | | | | | | |

AUX DOWN AUX UP

| | AUX DOWN | | | | | AUX UP | | | | | |
|-----|----------|---|---|---|---|--------|---|---|---|---|---|
| | 5 | 4 | 3 | 2 | 1 | 0 | 1 | 2 | 3 | 4 | 5 |
| 2X1 | X | X | X | X | X | | | | | | |
| 2X2 | | | | | | X | X | X | X | X | |
| 2X3 | X | X | X | X | | | | X | X | X | X |
| 2X4 | X | X | X | | | | | | X | X | X |
| 2X5 | X | X | | | | | | | | X | X |
| 2X6 | X | | | | | | | | | | X |

Acceleration delay in seconds: 0.0, 0.3, 0.5, 1.0, 1.5, 2.0, 3.0, 4.0

AUX DOWN AUX UP

| | AUX DOWN | | | | | AUX UP | | | | | |
|-----|----------|---|---|---|---|--------|---|---|---|---|---|
| | 5 | 4 | 3 | 2 | 1 | 0 | 1 | 2 | 3 | 4 | 5 |
| 2X1 | | | | | | | | | | | |
| 2X2 | | | | | | | | | | | |
| 2X3 | | | | | | | | | | | |
| 2X4 | | | | | | | | | | | |
| 2X5 | | | | | | | | | | | |
| 2X6 | | | | | | | | | | | |

DOWN UP

| | DOWN | | | | | UP | | | | | |
|-----|------|---|---|---|---|----|---|---|---|---|---|
| | 5 | 4 | 3 | 2 | 1 | 0 | 1 | 2 | 3 | 4 | 5 |
| 2Y1 | X | X | X | X | X | | | | | | |
| 2Y2 | | | | | | X | X | X | X | X | |
| 2Y3 | X | X | X | X | | | | X | X | X | X |
| 2Y4 | X | X | X | | | | | | X | X | X |
| 2Y5 | X | X | | | | | | | | X | X |
| 2Y6 | X | | | | | | | | | | X |

Acceleration delay in seconds: 0.0, 0.3, 0.5, 1.0, 1.5, 2.0, 3.0, 4.0

DOWN UP

| | DOWN | | | | | UP | | | | | |
|-----|------|---|---|---|---|----|---|---|---|---|---|
| | 5 | 4 | 3 | 2 | 1 | 0 | 1 | 2 | 3 | 4 | 5 |
| 2Y1 | | | | | | | | | | | |
| 2Y2 | | | | | | | | | | | |
| 2Y3 | | | | | | | | | | | |
| 2Y4 | | | | | | | | | | | |
| 2Y5 | | | | | | | | | | | |
| 2Y6 | | | | | | | | | | | |

Notes:

*The default relay configuration chart is on the left side. If you want the relays to close in different combinations than the default settings then mark the appropriate chart to the right with X's in the appropriate squares.