# Control Box Pinout

## (looking *at* male pins from box)

| Power | Arduino A0 Relay 6 Push Arm Out | Arduino A2 Relay 4 Sweep Arm Out | Arduino A4 Relay 2 Load Chain | Empty | Empty | Arduino 8 Switch Load is Full | Arduino 6 Switch Unload Chain | Arduino 4 Switch Sweep Arm In | Arduino 2 Switch Push Arm In |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3 | 5 | 7 | 9 | 11 | 13 | 15 | 17 | 19 |
| 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 |
| Ground | Arduino A1 Relay 5 Push Arm In | Arduino A3 Relay 3 Sweep Arm In | Arduino A5 Relay 1 Unoad Chain | Empty | Empty | Arduino 9 Switch Row Swept | Arduino 7 Switch Bale Row Ready | Arduino 5 Switch Sweep Arm Out | Arduino 3 Switch Push Arm Out |