

GALIL DMC-4080
EXTENDED I/O PIN ASSIGNMENTS

| | | | | | GALIL | | | | | |
|-----|-----|-------|---------|------------------------------------|-------|-----|-----|--------|---------|------------------------------------|
| PIN | I/O | LABEL | TO | FUNCTION | | PIN | I/O | LABEL | TO | FUNCTION |
| 1 | I | I/018 | TV P1-6 | TV CLOSE POSITION | | 23 | O | I/035 | TV P1-3 | TV CLOSE/FAR POSITION LEVEL |
| 2 | I | I/021 | - | - | | 24 | O | I/037 | - | - |
| 3 | I | I/024 | - | - | | 25 | | NC | | |
| 4 | I | I/026 | - | - | | 26 | O | I/040 | - | - |
| 5 | I | I/029 | - | - | | 27 | O | I/043 | - | - |
| 6 | I | I/032 | - | - | | 28 | O | I/046 | - | - |
| 7 | O | I/033 | TV P1-1 | *TV FOCUS MOTION FORWARD DIRECTION | | 29 | O | I/048 | - | - |
| 8 | O | I/036 | - | - | | 30 | | NC | | |
| 9 | O | I/038 | - | - | | 31 | I | I/019 | - | - |
| 10 | | NC | | | | 32 | I | I/022 | - | - |
| 11 | O | I/041 | - | - | | 33 | | Ground | - | - |
| 12 | O | I/044 | - | - | | 34 | I | I/027 | - | - |
| 13 | O | I/047 | - | - | | 35 | I | I/030 | - | - |
| 14 | | NC | | | | 36 | | Ground | - | - |
| 15 | | +5V | | | | 37 | O | I/034 | TV P1-2 | *TV FOCUS MOTION REVERSE DIRECTION |
| 16 | I | I/017 | TV P1-5 | TV FAR POSITION | | 38 | | NC | | |
| 17 | I | I/020 | - | - | | 39 | | Ground | - | - |
| 18 | I | I/023 | - | - | | 40 | O | I/039 | - | - |
| 19 | I | I/025 | - | - | | 41 | O | I/042 | - | - |
| 20 | I | I/028 | - | - | | 42 | O | I/045 | - | - |
| 21 | I | I/031 | - | - | | 43 | | Ground | - | - |
| 22 | | NC | | | | 44 | | NC | | |

*THESE ARE TEMPORARY SIGNALS UNTIL STEPPER
MOTOR IS ADDED TO FOCUS MOTION

NOTE1: HAMILTON CONTROLLES ORDERED WITH 5V OPTION.
PIN 15 IS 5V AND PIN 30 IS RESERVED (WAS 3.3V)

B

REVISIONS [http://loel.ucolick.org/manual/Hamilton_II/schematics/HAM_II_box_2_wiring_sh_4 .pdf](http://loel.ucolick.org/manual/Hamilton_II/schematics/HAM_II_box_2_wiring_sh_4.pdf)
06-30-10 ADDED THIS SHEET

| | | | |
|--|------------------------------|--|------------------|
| UNIVERSITY OF CALIFORNIA LICK OBSERVATORY | | SECOND CONTROLLER BOX POINT-TO-POINT WIRING HAMILTON SPECTROGRAPH II | |
| DES'N BY: B. Alcott | ORIGIN DATE: 08-19-09 | DWG. NO. | NUM. 4 OF 6 |
| Last SN | MODIFY DATE: 06-30-10 | EL-4004 | REV. A |
| PRINT TIME: 06:55:47 | PRINT DATE: Wed Jun 30, 2010 | | |
| PATH: Hamilton_II\ | | HAM_II_box_2_wiring.sch | |