



CF400 - Overview

4-channel DC Voltage Chaser/Fader, containing multiple pattern cycles:
(chasing, flashing, bouncing, etc.)

Animated Switching (lights on/off) and toggleable PWM Dimming (for color mixing)

CF400 Light Chaser Board: 4 x 2 Amps @ **6 - 24VDC**

Works with industry standard **12VDC / 24VDC** and outputs equal voltage
for LED and other constant voltage loads

Selectable

- Number Channels/Steps: **3 to 4** (Right Insert-Jumper)
- Pattern: **15 animations** (Left Hexadecimal-Dial)
- Speed: **1 to 30 steps/second** (Right Hexadecimal-Dial)
- Fading: toggle **PWM dimming** (Left Insert-Jumper)

MADE IN USA



Dimensions

L: 3.59" x W: 1.81" x H: 1.20"
(91mm x 46mm x 31 mm)

MUST leave clearance on all sides,
space above board: **Minimum 3/4"**
mounting spacers below board: **Minimum 3/8"**
for wiring, installing, and maintenance



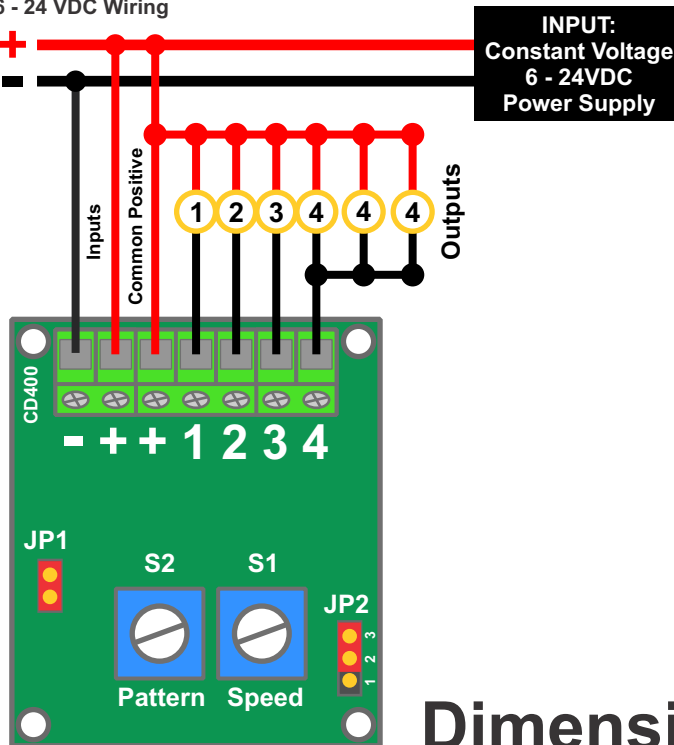
CF400 could be ordered with user specified custom patterns
(spellers, 8 step patterns, etc.) for a one time fee



CF400 - Power Wiring Block - Channel Selection

CAUTION: ONLY CF400

6 - 24 VDC Wiring



Dimensions

L: 3.59" x W: 1.81" x H: 1.20"
(91mm x 46mm x 31 mm)

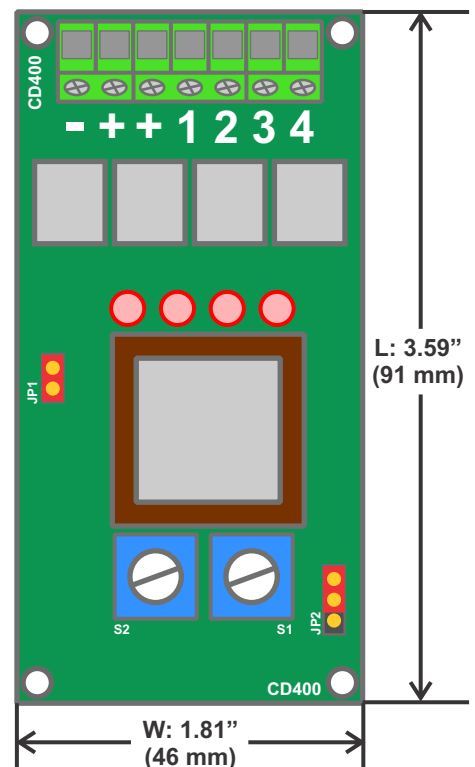
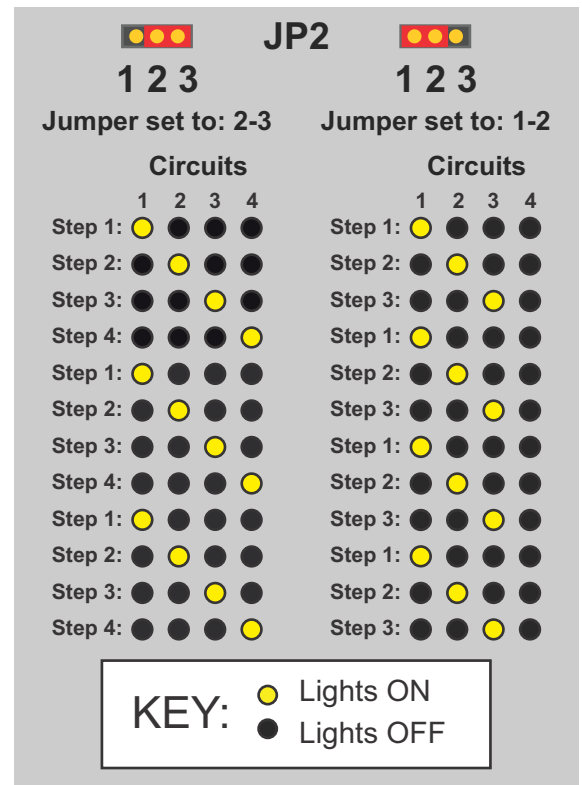
MUST leave clearance on all sides,
space above board: **Minimum 3/4"**
mounting spacers below board: **Minimum 3/8"**
for wiring, installing, and maintenance

MUST:

- Wire inputs +/- to 2-position terminal
- Wire **outputs** as shown (Positive terminals connected internally)
- Never exceed **2 Amps** per output (**8 Amps combined**)
- Never attempt to **parallel** outputs to increase capacity
- Input constant voltage (**6 - 24VDC**)
- Note: outputs equal constant voltage

CAN:

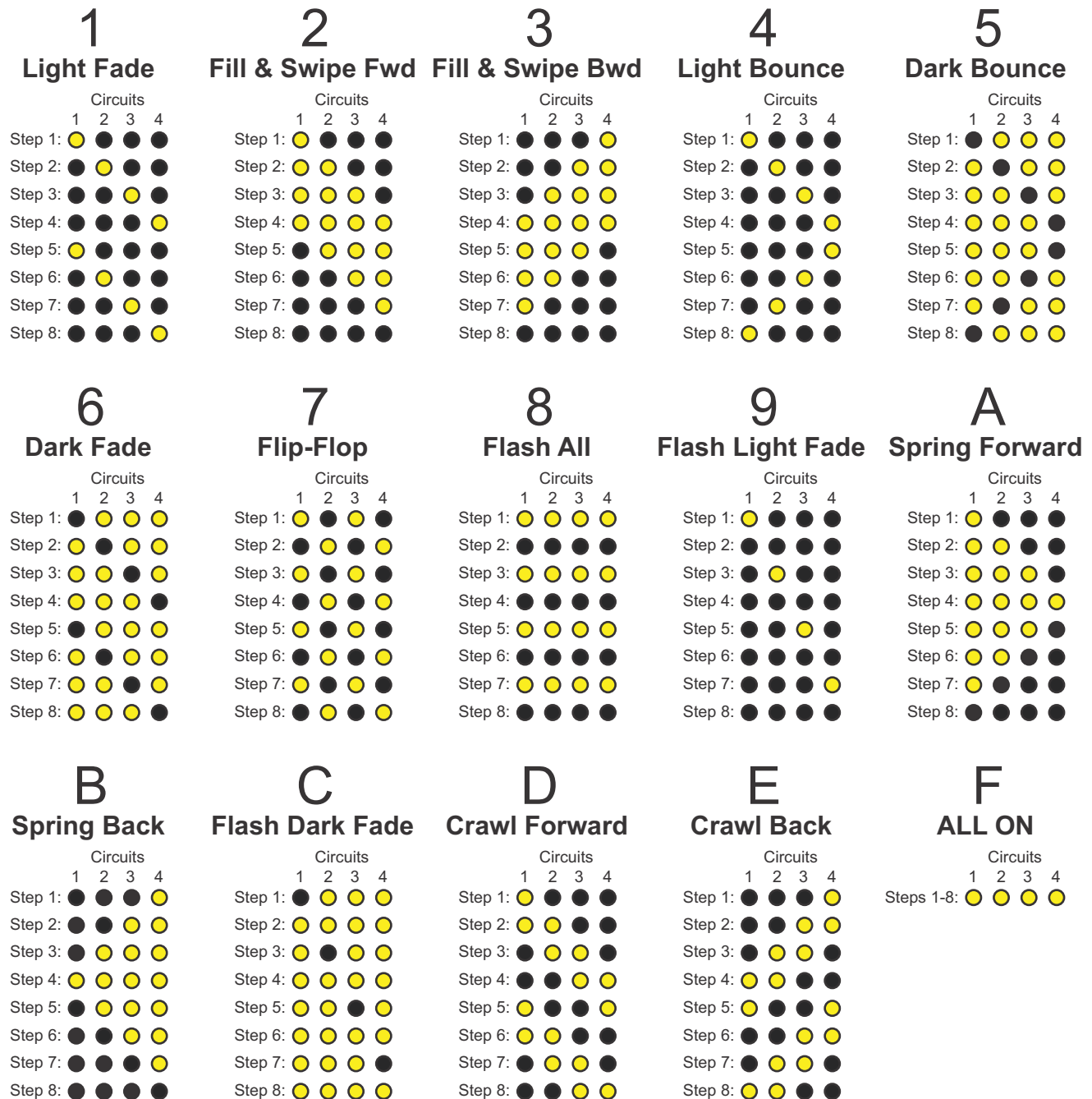
- Adjust **chasing pattern** by rotating:
left **hexadecimal-dial S2** w/ flathead screwdriver
- Adjust **chasing speed** by rotating:
right **hexadecimal-dial S1** w/ flathead screwdriver
- Select **number of channels/steps** (3 or 4) by moving:
right **3-pin jumper JP2** to the corresponding position
- Allow unit to **fade** outputs (PWM dimming) by removing:
left **2-pin jumper JP1**





CF400 - Patterns

SFXDC v0.5 (10/04)



0 Automatic Cycling (Patterns 1-F):
4x Each Pattern, then Repeat

CF400 could be ordered with user specified custom patterns (spellers, 8 step patterns, etc.) for a one time fee

KEY: ● Lights ON
● Lights OFF

LIMITED WARRANTY

Digital Lighting Systems, warrants to the purchaser that its products have been carefully manufactured and inspected and are warranted to be free from defects of workmanship and materials when used as intended. Any abuse or misuse contrary to normal operation shall void this warranty.

Digital Lighting Systems' obligation under this warranty shall be limited to replacement or repair of any units as shall within two years of date of invoice from **Digital Lighting Systems**, prove defective; and **Digital Lighting Systems** shall not be liable for any other damages, whether direct or consequential. **The implied warranties of merchantability and fitness for a particular purpose are limited to the duration of the expressed warranty.** Some states do not allow the exclusion of the limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights, you may also have other legal rights which vary from state to state.

Defective merchandise may be returned to **Digital Lighting Systems**, prepaid, after prior notification has been given and approval obtained for the return. To obtain prior approval for the return of the defective items, contact your local Digital Lighting Systems distributor, representative, or:

Digital Lighting Systems, Inc.

12302 SW 128 Ct. Bay # 105
Miami, FL 33186

(305) 969-8442
info@digitallighting.com



Upon request, replacement unit(s) will be shipped as soon as available. Unless immediate shipment of replacement merchandise is requested, **Digital Lighting Systems** will not ship replacement merchandise until defective merchandise is received, inspected, and determined to be defective.

No labor charges in connection with warranty problems will be reimbursed by Digital Lighting Systems without prior written approval from the factory.

Digital Lighting Systems distributors and representatives have no authority to change this warranty without written permission.

Digital Lighting Systems reserves the right to determine the best method of correcting warranty problems.