

Ramp Extras Config

- Release after first flash
 - Disable manual memory
 - 1+C = disable manual memory, and go back to automatic
- Release after second flash
 - Set manual memory timer
 - Click n times for n minutes (0 = off)
- Release after third flash
 - Ramp up after "off" → 1H
 - OC = Ramp up after moon
 - 1C = Stay at floor level
- Release after fourth flash
 - Configure Advanced UI's turbo style
 - OC = No turbo, only ceiling
 - 1C = Ramp → 2C goes to full power (200% for dual-channel lights)
 - 2C = Ramp → 2C goes to ceiling, or full power (200% for dual-channel lights) if ramped up to ceiling first
- Release after fifth flash
 - Configure smooth steps
 - OC = Disable
 - 1C = Enable

Automatic: Last ramped brightness
Manual: Saved brightness
Hybrid: Last ramped brightness for n minutes

Channel Mode Config

- Release after nth flash to configure nth channel
- OC = Disable
 - 1C = Enable

Each channel will be displayed in sequence, so release the button on the channel to be configured.
Generally, the sequence will be:
• Main Channels
• Mix Channels, e.g., Autotint
• Aux Channels

Sunset Timer

1 blink = 5 minutes

Manual Memory

Activate manual memory, and save current brightness as well as current channel mode

Ramp Config

- Release after first flash (7H and 10H)
 - Set floor level
 - Click n times for level n of 150
- Release after second flash (7H and 10H)
 - Set ceiling level
 - Click n times for 151 - n
- Release after third flash
 - Stepped Ramp (7H and 10H)
 - Click n times for 1 to 150 steps
 - Smooth Ramp (only 7H)
 - 1C = full speed (~2.5s end-to-end)
 - 2C = half speed (~5s)
 - 3C = third speed (~7.5s)
 - 4C = quarter speed (~10s)
- Release after fourth flash (only 10H)
 - Configure Simple UI's turbo style
 - OC = No turbo, only ceiling
 - 1C = Ramp → 2C goes to full power (200% for dual-channel lights)
 - 2C = Ramp → 2C goes to ceiling, or full power (200% for dual-channel lights) if ramped up to ceiling first

Toggle Ramp Style



Momentary Mode

Disconnect power to exit

ON

OFF

Switch to Simple UI

Tactical Mode Config

- Release after first flash to configure Tactical Slot 1
- Release after second flash to configure Tactical Slot 2
- Release after third flash to configure Tactical Slot 3

Tactical Slot Config

- 0: Last-used Strobe Mode
- 1 - 150: Brightness
- 151: Party Strobe
- 152: Tactical Strobe
- 153+: Other Strobe / Mood Modes

Tactical Mode

- 1H = Tactical Slot 1
- 2H = Tactical Slot 2
- 3H = Tactical Slot 3

Next Channel Mode

(3C to cycle)

Next Channel Mode

(3H to cycle)

Misc Config

Only available on some lights

- Release after first flash to configure Tint Ramp style
 - OC = Smooth (blend channels)
 - 1C = Middle tint only
 - 2C = Channel toggle
 - 3+C = Stepped ramp with 3+ steps
- Release after second flash to configure Jump Start level
 - 1 to 150
 - Usually between 20 and 50

Andúril 2 Advanced UI

Andúril 2 Release 2023-12-03
Diagram Release 04

Diagram Repository:

<https://tinyurl.com/anduril2diagrams>

ToyKeeper's Andúril User Manual:

<https://toykeeper.net/anduril/manual>

NOTE: Some features are hardware-specific, or may be disabled by manufacturers.

Aux LED Color for Cell Voltage



Lights with single color aux: Aux fast blink from 3.3 to 2.9V; off below 2.9V

Auto-lock Config

Release after blink
N clicks for n minutes

Aux LED Pattern in Lockout & Tactical Modes

Off → Low → High → Blinking

Aux LED Color in Lockout & Tactical Modes

Red → Yellow → Green → Cyan → Blue → Purple → White → Disco → Rainbow → Voltage

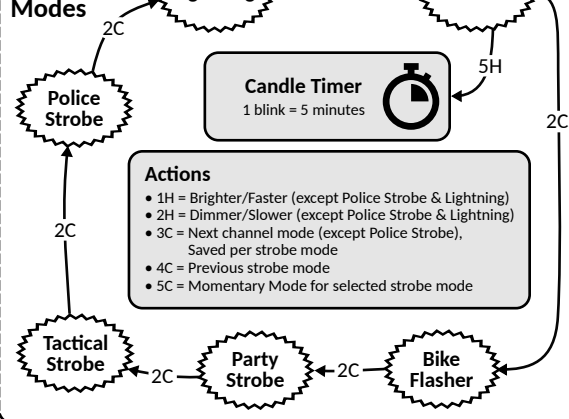
Momentary Moon

Lowest Floor of Smooth vs Stepped

Momentary Low

Highest Floor of Smooth vs Stepped, or Manual Memory if set

Strobe / Mood Modes



Aux LED Pattern in Off Mode

Off → Low → High → Blinking

Aux LED Color in Off Mode

Red → Yellow → Green → Cyan → Blue → Purple → White → Disco → Rainbow → Voltage

Version Check

MODEL-YYYY-MM-DD-SINCE-DIRTY
• MODEL = 4-digit Model Number
• YYYY = Year • MM = Month
• DD = Day • SINCE = Commits since last official release (optional)
• DIRTY = 1 if modified (optional)

Factory Reset

Physical Reset: Loosen tailcap, Hold button, Tighten tailcap, Keep holding until light goes out

Voltage Config

- Release after first flash
 - Set Voltage Correction Factor
 - 1C = -0.30V
 - 2C = -0.25V
 - 3C = -0.20V
 - 4C = -0.15V
 - 5C = -0.10V
 - 6C = -0.05V
 - 7C = 0V (default)
 - 8C = +0.05V
 - 9C = +0.10V
 - 10C = +0.15V
 - 11C = +0.20V
 - 12C = +0.25V
 - 13C = +0.30V
- Release after second flash
 - Set Post-Off Voltage Display Timeout (RGB aux only)
 - OC = Disable
 - 1C per second

Batt Check

2C

3C

Next channel mode (for number blinks only)

7H

Temp

Check

2C

SOS

Beacon

HOLD

Frequency

1 blink = 1 second pause

Blinky / Utility Modes

Thermal Config

- Release after first flash
 - Set current temperature
 - Click n times for n °C
- Release after first flash
 - Set temperature limit
 - Click n times for n + 30°C