

# Configuration Guide

How to enter configuration mode, navigate modes and settings, and save your selection.

Exode Electronics

## Entering Configuration Mode

Connect the phone port to the power port with a USB-C cable while power is present on the data port. The device immediately begins blinking the currently selected mode and setting using blue LEDs.

LED COLOUR	INDICATES
Dark blue blinks	Current mode
Light blue (cyan) blinks	Current setting within that mode

## Navigating Modes and Settings

USB-C is reversible. "Same orientation" means reinserting the connector the same way it was before removal. "Opposite orientation" means turning the connector over before reinserting.

ACTION	RESULT
Unplug and reinsert in the opposite orientation (flipped over)	Advance to the next mode
Unplug and reinsert in the same orientation (not flipped)	Advance to the next setting within the current mode
Leave unplugged for 5–10 seconds	Save the selected setting and return to normal operation

## Step-by-Step

- 1 Connect power to the data port.
- 2 Use a USB-C cable to connect the phone port to the power port. The device immediately blinks the active mode and current setting.
- 3 To advance to the next mode: unplug the connector and reinsert it in the opposite orientation (flipped over).
- 4 To advance to the next setting within the current mode: unplug and reinsert in the same orientation (not flipped).
- 5 Once the desired mode and setting are displayed, unplug the connector from the phone port and leave it unplugged for 5–10 seconds.
- 6 The new configuration is applied, the blue blinking stops, and the device returns to normal operation.

**To abort without saving:** remove power from the device before disconnecting the phone port to power port USB-C cable. The configuration change will not be applied.

## Mode Reference

Count the dark blue blinks to identify the current mode. Count the light blue (cyan) blinks to identify the current setting within that mode.

BLINKS	MODE	SETTINGS
1	<b>LED Configuration</b>	1 — Normal 2 — No flashing 3 — Off <b>Default: Normal</b>
2	<b>USB Re-driver Strength</b>	1 — Off 2 — Strength 0 3 — Strength 1 4 — Strength 2 5 — Strength 3 <b>Default: Strength 2</b>
3	<b>Ramp Rate</b>	1 — Safe 2 — Aggressive 3 — More aggressive <b>Default: Safe</b>
4	<b>Ramp Mode</b>	1 — Off 2 — Full (up and down) 3 — Up only <b>Default: Up only</b> <i>Note: Setting 2 (Full) is not recommended for iPhone.</i>
6	<b>Reset</b>	<i>Note: Action mode. Enter this mode, advance once to arm the reset, then save and exit to restore all default settings.</i>
7	<b>Factory Reset</b>	<i>Note: Action mode. Advance within this mode until the cyan blink count reaches 5 (arm factory reset), then save and exit. Restores all defaults and erases the fault log.</i>
8	<b>Small Bus Switch Mode</b>	1 — Disabled 2 — Wait forever 3 — Wait with timeout <b>Default: Wait with timeout</b> <i>Note: Controls whether the device switches charging from the PD bus to the small bus when the connected device is drawing minimal power. Can reduce disconnect events when vehicle power drops.</i>

BLINKS	MODE	SETTINGS
9	<b>Hot Swap Mode</b>	1 — Disabled 2 — Enabled <b>Default: Enabled</b> <i>Note: When enabled, the device can switch from the small bus to the PD fast-charging bus without interrupting the data connection. When disabled, a brief data disconnect occurs during that transition.</i>

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Default settings are suitable for most users. These options are intended for experienced users who understand the implications of each setting. Exode Electronics is not responsible for issues arising from non-default configurations.