

CYBERSENSE



QUICK START MANUAL

Buff
PAULBUFF.COM



GENERAL SPECIFICATIONS

The CyberSense can be used to control the output of both the flash and modeling lamp on up to four Paul C. Buff flash units.

REQUIRED EQUIPMENT

- CyberSync™ Trigger Transmitter 2 (CST2)
- AlienBees and White Lightnings flash units require CyberSync™ Plus Model Receivers (CSR+ or CSRB+)
- DigiBee and Einstein™ flash units require CyberSync™ Tranceiver (CSXCV)

RADIO RANGE Up to 300 ft. (when on a flat and level terrain with no obstructions)

RADIO OPERATING FREQUENCY
2.4GHz

BATTERY TYPE 2x AAA Alkaline or 2x NiMH. Do NOT mix-and-match.

BATTERY LIFE

Alkaline: 25 - 30hrs. with the screen on at 50% brightness and under normal usage.
1 year in low-power standby mode.

NiMH*: 12 - 15hrs. with the screen on at 50% brightness and under normal usage.
3 months in low-power standby mode. (At room temperature.
Self-discharge of NiMH batteries increases at higher temperatures).

SYNC VOLTAGE
<= 4VDC

SYNC DELAY
1/4000s

SYNC PORT
1/8" (3.5mm) mono jack

*Battery life for NiMH is per charge.

NOTE: By default, the CyberSense enters low-power standby after 30 seconds of inactivity.

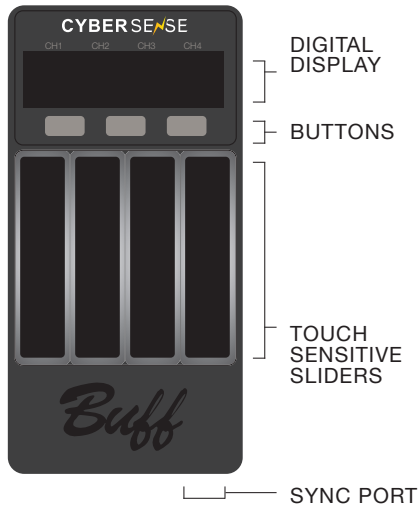
SETUP CHECKLIST

CYBERSENSE

- ☐ All of the lights in your setup are positioned where you want them, on appropriate light stands and with your choice of accessories in place. Each light is powered ON.
- ☐ Each light in your setup has its own dedicated CyberSync™ transceiver or receiver. The CyberSync™ Trigger Transmitter (CST2) is installed on the camera hot shoe.
- ☐ The CyberSense™ remote, transmitter on camera, and all transceivers / receivers connected to flash units are set to the same frequency. Additionally, make sure the transceivers / receivers are set to separate channels.

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PARTS



NOTE:

Both batteries **MUST** be either AAA alkaline or AAA NiMH batteries. Do **NOT** mix-and-match.

MODES OF OPERATION

FLASH ADJUSTMENT
MODEL ADJUSTMENT
SETUP
FREQUENCY SETUP
DISPLAY SETUP
BRIGHTNESS SETUP
TIMEOUT SETUP
BATTERY SETUP



FLASH ADJUSTMENT MODE

BUTTON OPERATIONS IN FLASH ADJUSTMENT MODE

(A) TEST FIRES THE LIGHT SELECTED

(B) ACCESS MODEL ADJUSTMENT MODE

(C) ACCESS SETUP MODE

TOUCH SENSITIVE SLIDERS IN FLASH ADJUSTMENT MODE

SCAN

Tap-and-Hold each slider to scan the channel for a Paul C. Buff light.

If one is found, the CyberSense will display the model setting that is associated with that light on the screen.

If one cannot be found, it will blink "---" three times.

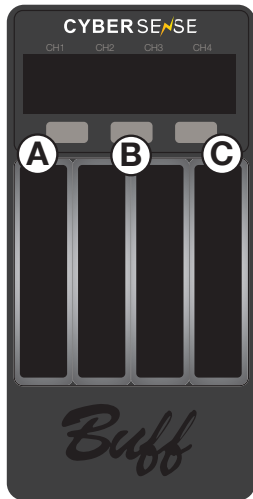
When the CyberSense finds a light, it will set that light's model mode to the global model lamp setting shown in the lower-left corner of the CyberSense display.

TOGGLE

Double-tapping the slider will toggle that light on or off, when the CyberSense has found a light on the channel,

SLIDE

Increase or decrease the flash setting of a light on a particular channel by sliding your finger UP or DOWN. If the light's model lamp is in Tracking mode, the model lamp setting will also increase or decrease with the flash setting.



MODEL ADJUSTMENT MODE

BUTTON OPERATIONS IN MODEL ADJUSTMENT MODE

(A) TOGGLES THE GLOBAL MODEL LAMP SETTING
Icon 1 Icon 2
Icon 3 Icon 4

(B) ACCESS FLASH ADJUSTMENT MODE

(C) ACCESS SETUP MODE

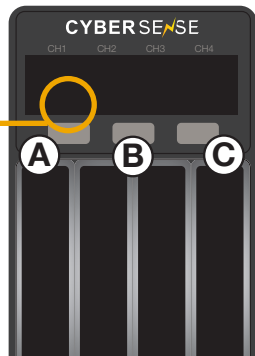
TOUCH SENSITIVE SLIDERS IN MODEL ADJUSTMENT MODE

SCAN Tap-and-Hold each slider to scan the channel for a Paul C. Buff light.
If one is **found**, the CyberSense will display the model setting that is associated with that light on the screen. If one **cannot be found**, it will blink "---" three times.
When the CyberSense finds a light, it will set that light's model mode to the global model lamp setting shown in the lower-left corner of the CyberSense display.

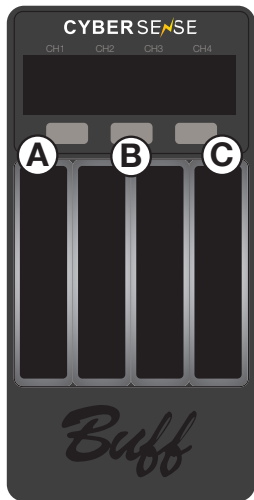
TOGGLE Double-tapping the slider will toggle that light ON or OFF, when the CyberSense has found a light on the channel.

If the model lamp is ON, double-tapping the slider will turn it OFF. If the light is OFF, double-tapping the slider will send the global model lamp setting to the light. If the global model lamp setting is MODEL OFF, double-tapping the slider does nothing.

SLIDE Increase or decrease the model lamp setting of a light on a particular channel by sliding your finger UP or DOWN.
If the unit's global model lamp setting is OFF or FULL, the slider does nothing.



SETUP MODE / FREQUENCY SETUP MODE



BUTTON OPERATIONS IN SETUP MODE

- Ⓐ PLACES CYBERSENSE INTO **FREQUENCY SETUP MODE**
- Ⓑ PLACES CYBERSENSE INTO **DISPLAY SETUP MODE**
- Ⓒ PLACES CYBERSENSE INTO **BATTERY SETUP MODE**

BUTTON OPERATIONS IN FREQUENCY SETUP MODE

- Ⓐ **INCREASES** THE RADIO FREQUENCY USED BY THE CYBERSENSE
- Ⓑ **DECREASES** THE RADIO FREQUENCY USED BY THE CYBERSENSE
- Ⓒ RETURNS THE CYBERSENSE TO THE PREVIOUS ADJUSTMENT MODE PRIOR TO ENTERING THE FREQUENCY SETUP MODE

*The sliders have no function when the CyberSense is in these modes.

DISPLAY SETUP MODE / BRIGHTNESS SETUP MODE

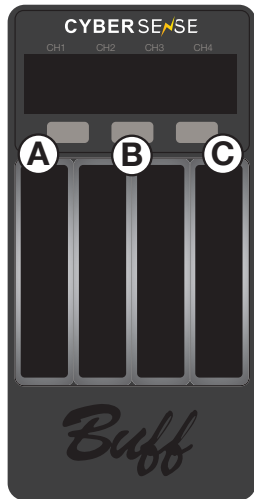
BUTTON OPERATIONS IN DISPLAY SETUP MODE

- (A)** PLACES CYBERSENSE INTO **BRIGHTNESS SETUP MODE**
- (B)** PLACES CYBERSENSE INTO **TIMEOUT SETUP MODE**
- (C)** RETURNS THE CYBERSENSE TO THE PREVIOUS ADJUSTMENT MODE PRIOR TO ENTERING THE DISPLAY SETUP MODE

BUTTON OPERATIONS IN BRIGHTNESS SETUP MODE

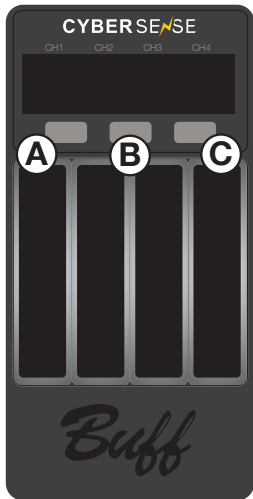
- (A)** **INCREASES** THE BRIGHTNESS OF THE CYBERSENSE'S DISPLAY
- (B)** **DECREASES** THE BRIGHTNESS OF THE CYBERSENSE'S DISPLAY
- (C)** RETURNS THE CYBERSENSE TO THE PREVIOUS ADJUSTMENT MODE PRIOR TO ENTERING THE BRIGHTNESS SETUP MODE

*The sliders have no function when the CyberSense is in these modes.



TIMEOUT SETUP MODE

BUTTON OPERATIONS IN TIMEOUT SETUP MODE



- (A)** INCREASES THE LENGTH OF TIME THE CYBERSENSE MUST BE INACTIVE BEFORE ENTERING LOW POWER MODE
- (B)** DECREASES THE LENGTH OF TIME THE CYBERSENSE MUST BE INACTIVE BEFORE ENTERING LOW POWER MODE
- (C)** RETURNS THE CYBERSENSE TO THE PREVIOUS ADJUSTMENT MODE PRIOR TO ENTERING THE TIMEOUT SETUP MODE

*The sliders have no function when the CyberSense is in Timeout Setup Mode.

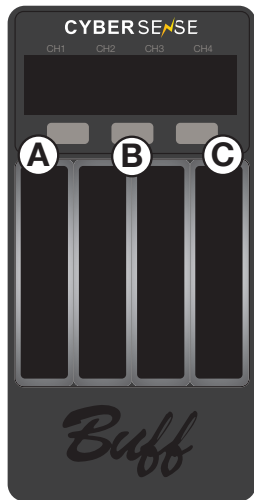
BATTERY SETUP MODE

BUTTON OPERATIONS IN BATTERY SETUP MODE

- A** ADJUSTS THE BATTERY DISPLAY (located in the lower-right corner) TO INDICATE THE AMOUNT OF POWER REAMAINING IF THE CYBERSENSE WAS POWERED BY **ALKALINE BATTERIES**.
- B** ADJUSTS THE BATTERY DISPLAY (located in the lower-right corner) TO INDICATE THE AMOUNT OF POWER REAMAINING IF THE CYBERSENSE WAS POWERED BY **NiMH BATTERIES**.
- C** RETURNS THE CYBERSENSE TO THE PREVIOUS ADJUSTMENT MODE PRIOR TO ENTERING THE BATTERY SETUP MODE

*The CyberSense attempts to automatically detect whether the installed batteries are alkaline or NiMH on start-up. This mode is only necessary if the CyberSense's automatic detection is incorrect.

*The sliders have no function when in battery setup mode.



FREQUENTLY ASKED QUESTIONS

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SAFETY AND LEGAL INFORMATION

- This product is NOT sealed or waterproof.
- The only user-serviceable parts in this product are the batteries.
- When not in use, store in a dry environment where the temperature will not fall below 0° C nor exceed 70° C. We recommend that you remove the batteries from the battery compartment to prevent damage from corrosion during long-term storage.

Warning: Changes or modifications to this unit not expressly approved by the part responsible for compliance could void the user's authority to operate the equipment.

FCC ID: OUECBRSNS

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) this device may not cause harmful interference,
(2) this device must accept any interference received, including interference that may cause undesired operation.



WARRANTY



Paul C. Buff, Inc. guarantees all CyberSync™ products for a period of two years from date of purchase. We will, at our option, repair or replace any CyberSync™ product that becomes defective during this period. Batteries are excluded from this warranty, as is any damage resulting from improper use.

No claim is made for the suitability of this product for any intended use and no liability is implied or assumed beyond the repair or replacement of this product.

Defective units should be returned to us at the address below with a note explaining the defect or problem. We will return repaired or replaced units to you at our cost.

Designed in the USA by
Paul C. Buff, Inc.
2725 Bransford Ave., Nashville, TN 37204 USA

Toll Free: 1.800.443.5542 (USA) | Local: 615.383.3982
Fax: 615.383.0676

info@paulcbuff.com | paulcbuff.com



STAY CONNECTED:



@PAULCBUFFINC

CUSTOMER SERVICE:

1.800.443.5542

INFO@PAULCBUFF.COM

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