

Cybery

EC-10

LOOP SWITCHER

Get Hooked Up

Meet your cyber matrix controller: Cybery is a compact but versatile pedal manager that helps you keep everything in order. Four true bypass loops guarantee a pristine signal, programmable MIDI lends you massive control, and a free mobile app sets you free from complex and annoying hardware programming.



Features

- Compact size, rock solid aluminum casing
- 4 independent relay-based True Bypass audio loops
- Programmable MIDI control (sending PC and CC messages) for commanding pedals, multi-effects, mobile apps, and more
- Built-in Bluetooth® module for wireless programming and control*
- Switchable high quality input buffer for preventing high frequency loss
- Mute/Tuner function with independent tuner output
- SW A/B function for amp channel switching
- 2 switching modes:
 - Direct mode for instant access
 - Preset mode with 40 programmable presets for different combinations
- Low switching noise
- 9V DC power supply

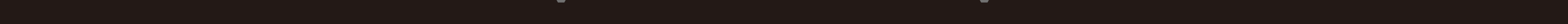
*Bluetooth® is a trademark owned by the Bluetooth SIG, Inc.
This trademark was used merely to identify a functional characteristic of the product.

Specifications

- Number of Footswitches: 6
- Number of Loops: 4 (isolated)
- Bypass mode: Relay True Bypass or Analog Buffer Bypass
- Buffer Bypass Input impedance: 1M Ohms
- Buffer Bypass Output impedance: 100 Ohms
- Power Requirement: 9V DC center negative
- Current Consumption: Max. 200mA
- Dimensions: 403mm(D) × 56mm(W) × 48mm(H)
- Weight: 575g

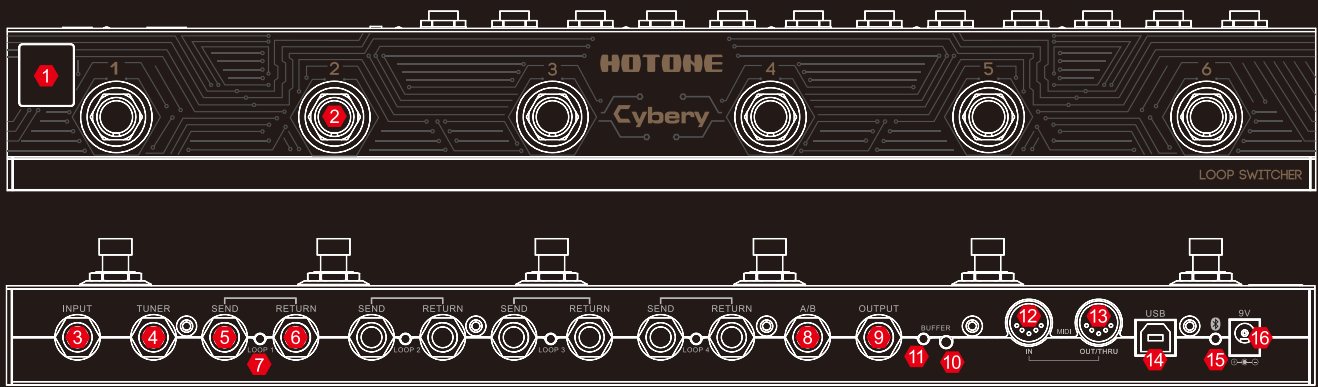
FC This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: 1) this device may not cause harmful interference, and 2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

A dark grey banner featuring a white circuit board pattern. The word "HOTONE" is written in large, bold, white capital letters. Below it, the website address "www.hotoneaudio.com" is written in a smaller, white, lowercase font.

HOTONE

www.hotoneaudio.com



Panel Introduction

- 1 2-digit LED screen: Indicates current mode or bank/patch number.
- 2 Footswitch 1-6: Programmable footswitches with halo LEDs, for switching loops on/off, switching banks/patches, and more.
Note: for more details, please check Modes section.
- 3 INPUT: 1/4" (6.35mm) mono input jack, connect instruments or pedal outputs.
- 4 TUNER: 1/4" (6.35mm) mono output jack, connect your tuner.
- 5 SEND: 1/4" (6.35mm) mono jack, connect to your effect input jack.
- 6 RETURN: 1/4" (6.35mm) mono jack, connect to your effect output jack.
- 7 LOOP 1/2/3/4 LEDs: Indicates on/off status for loops 1/2/3/4.
- 8 A/B: 1/4" (6.35mm) TRS jack, for switching A/B channels on your amp head. Connect to your amp footswitch jack. A cable with 1/4" (6.35mm) TRS jacks on both ends is required.
- 9 OUTPUT: 1/4" (6.35mm) mono output jack, connect to amp or other pedal input.
- 10 BUFFER switch: Switches internal buffer on/off. If you're suffering from signal loss caused by a long signal chain, turning on the buffer will help. Turn it off if you want to keep your signal pristine and when using pedals that don't work well with buffers.
- 11 BUFFER LED: Indicates internal buffer on/off status.
- 12 MIDI IN: Standard 5-pin MIDI input jack, for receiving MIDI info.
- 13 MIDI OUT/THRU: 5-pin MIDI output jack, for sending MIDI info.
- 14 USB: USB type B jack, for USB MIDI control.
- 15 BLUETOOTH LED: Indicates built-in Bluetooth® module working status.
- 16 DC 9V: Plug in 9V DC adapter (center negative).

Jump Right In!

1. Launch the App Store (iOS) or Play Store (Android) and search "Cybery", or simply scan the QR codes below:
 2. Download and launch your app.
 3. Get your gear ready (check the "Connections" section).
 4. Turn on your Cybery and the Bluetooth switch on your smart device.
 5. Pair your Cybery with your smart device.
 6. Edit, save all changes, and ROCK OUT!
- Note: Want a quick start? Every new Cybery is loaded with a preset so you can jump right in – Check the "Modes" section below.



iOS



Android

Modes

Cybery features two different modes: Direct mode and Preset mode. **The Default mode is Direct Mode.**

Direct Mode is used for instant access to individual pedal loops, control switches, and MIDI CC codes. In this mode, the 2-digit LED screen will show "dr" when powering up and then will show two dashes.

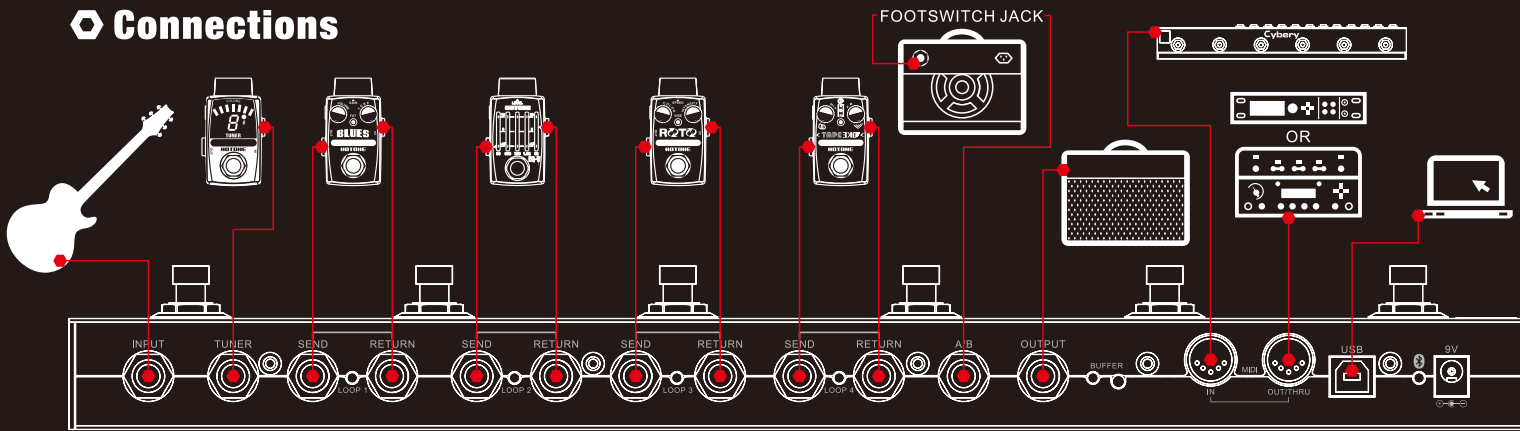
The default footswitch settings in this mode (no MIDI message included):
Footswitch 1-4: Switches Loop 1-4 on/off (green LED)
Footswitch 5: Switch A/B function (yellow LED - channel A, blue LED – channel B)
Footswitch 6: Mute/Tuner function (red LED)

Preset Mode is used to create, recall, and edit presets which include multiple loops on/off status, MIDI CC or PC codes, A/B channel switching status and engaging mute/tuner function. Cybery has 10 user banks (A-J), each bank has 4 presets (1-4). In this mode, the 2-digit LED screen will show "PS" when powering up and then turn to indicate the current bank/patch number.



The default footswitch settings in this mode (no MIDI message included):
Footswitch 1-4: Selects from 4 different patches from 1-4 (green LED)
Footswitch 5: Bank down (blue LED)
Footswitch 6: Bank up (red LED)

Connections



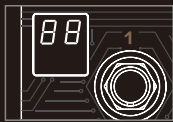
Switching Between Modes

You can use the matched app to switch between the two modes, but you can also switch using the hardware method below:

1. Press and hold footswitch 1 and 2 while plugging in the power jack.
2. Press footswitch 1 or 2 to select a mode (footswitch 1 for Direct Mode, footswitch 2 for Preset Mode). The LED screen will show your current selection.
3. Press footswitch 1 and 2 at the same time to confirm.

Factory Reset

The Factory Reset function will restore your Cybery to its default settings. To reset your Cybery, press and hold footswitch 2 and 3 while plugging in the power jack. An "88" will appear on the LED screen:



Press footswitch 2 and 3 at the same time to confirm.
To cancel Factory Reset, unplug the power jack or simply wait for 5 seconds for the unit to return to normal operation mode.

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FCC Caution.

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, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.