

electro-harmonix

Cock Fight

Cocked Talking Wah with Fuzz

Congratulations on your purchase of the Electro-Harmonix **Cock Fight**, a dual-filter fuzz box. The **Cock Fight** contains two different expressive filters: a traditional wah pedal filter CRY, and a formant filter TALK used for vowel sounds. The **Cock Fight** also has a fuzz section that can be added before or after the filter section, or taken out of the signal path. The BOTTOM and BIAS controls allow additional tone shaping possibilities. Connect an expression pedal or a control voltage to the expression input jack for even more sound control.

WARNING: Your Cock Fight comes equipped with an Electro-Harmonix 9.6DC-200BI power supply (same as used by Boss® & Ibanez®: 9.6 Volts DC 200mA). The Cock Fight requires 40mA at 9VDC with a center negative plug. Using the wrong adapter or a plug with the wrong polarity may damage your Cock Fight and void the warranty.

-QUICK SETUP-

Connect the output plug of the supplied power adapter to the 9V power jack. Plug your instrument in the INPUT jack; connect your amp to the OUTPUT jack. Set VOL to about three o'clock, FREQ to max, BOTTOM to min, left switch to CRY, and right switch to FUZZ OFF. Press the footswitch so that the LED light is lit. With the effect turned on, you will hear a slight boost in volume as well as a brighter sound. Adjust the FREQ knob to dial in the cocked wah sound to your taste. Connect an optional expression pedal to vary the frequency of the filter continuously as you would with a traditional wah pedal.

- CONTROLS -

VOL Knob – Use this knob to adjust the master output volume.

FREQ Knob – Use to adjust the frequency of the filter selected by the CRY/TALK toggle switch.

TONE Knob – Use to blend between a darker fuzz and brighter fuzz sound.

DRIVE Knob – Adjust to set the amount of fuzz.

BOTTOM Knob – BOTTOM is a low frequency boost control that is slightly above unity gain when set fully clockwise. Set fully counterclockwise to remove the BOTTOM circuit from the signal path. TIP: When used with a bass guitar or other low frequency sources, the BOTTOM adjustment can help retain the bottom end typically lost with most wah pedals.

CRY/TALK Toggle Switch – The UP position selects the CRY setting. CRY simulates the type of filter found in a typical wah pedal circuit. The DOWN position selects the TALK setting. This setting—as its name implies—produces throaty/vocal vowel sounds.

PRE/FUZZ OFF/POST Toggle Switch – The PRE position places the fuzz before the filter. Use this position for a vintage Hendrix vibe. FUZZ OFF removes the fuzz from the signal path. The POST position places the fuzz after the filter and yields a more modern sound.

BIAS Knob – This knob controls the amount of bias voltage supplied to one of the transistors in the fuzz circuit. Turn the BIAS knob fully clockwise to supply a nominal voltage and create a normal fuzz sound. Turn the bias control down (counterclockwise) to decrease the bias voltage to get the “dying battery” sound. This type of sound is characterized by a decrease in sustain and by notes that get choked off as you play with less force.

Footswitch & Status LED – The Footswitch toggles between effect and buffered bypass. The status LED lights when in effect mode.

INPUT Jack – This ¼” jack is the audio input for the Cock Fight.

OUTPUT Jack – This ¼” jack is the audio output for the Cock Fight.

EXP Jack – The expression/CV input controls the frequency knob. The position of the FREQ knob sets the maximum sweep range of the expression/CV input.

Expression input jack accepts a TRS expression pedal connector or a Tip-Sleeve 0-5V control voltage input. The expression pedal should ideally use a 10k potentiometer with linear taper. It must have the wiper connected to TIP and toe-down connected to RING. Some manufacturers’ pedals do not conform to this convention and require a special cable/adaptor to swap RING and TIP. Suggested Expression Pedals: EHX Expression Pedal, M-Audio® EX-P, Moog® EP-2 & EP-3, Roland® EV-5 or Boss® FV-500L.

- CHANGING THE BATTERY -

To change your 9-volt battery, you must remove the 4 screws on the bottom of the Cock Fight. Once the screws are removed, take off the bottom plate and change the battery. **We recommend 9V alkaline batteries.** Please do not touch the circuit board while the bottom plate is off or you risk damaging a component.

FUZZ ON/OFF Switch – On the PCB there is a small DIP switch that changes FUZZ OFF to FUZZ THROUGH mode. In FUZZ THROUGH mode the filter section is bypassed and removed from the signal path. In this mode the knobs FREQ, BOTTOM and switch CRY/TALK have no effect on the sound.

-NOTES AND SPECIFICATION-

- The Cock Fight utilizes a high quality buffered bypass.
- The input impedance is $2M2\Omega$.
- The output impedance is 470Ω .
- The Cock Fights' current draw is 35mA.

- WARRANTY INFORMATION -

Please register online at <http://www.ehx.com/product-registration> or complete and return the enclosed warranty card within 10 days of purchase. Electro-Harmonix will repair or replace, at its discretion, a product that fails to operate due to defects in materials or workmanship for a period of one year from date of purchase. This applies only to original purchasers who have bought their product from an authorized Electro-Harmonix retailer. Repaired or replaced units will then be warranted for the unexpired portion of the original warranty term.

If you should need to return your unit for service within the warranty period, please contact the appropriate office listed below. Customers outside the regions listed below, please contact EHX Customer Service for information on warranty repairs at info@ehx.com or +1-718-937-8300. USA and Canadian customers: please obtain a **Return Authorization Number (RA#)** from EHX Customer Service before returning your product. Include—with your returned unit—a written description of the problem as well as your name, address, telephone number, e-mail address, RA# and a copy of your receipt clearly showing the purchase date.

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- FCC COMPLIANCE -

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.*

Modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment under FCC rules.

