

EVENTIDE & THIRD MAN FILMS  
present  
GIOVANNI BIANCO il TERZO's

# KNIFE DROP<sup>®</sup> MANUAL



**Eventide<sup>®</sup>**

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## Synth Mix

Blend monophonic synth with input.  
Fully clockwise is pure synth.

## Attack

Filter envelope attack time  
from 0 to 1000 ms

## Active LED Button

Press to toggle filter position  
Green = Filter pre-distortion  
Red = Filter post-distortion  
Off = Effect is bypassed

## Active Footswitch

Turns the effect On or Off

## Drive Amount

Adds distortion, extra dirt  
and grit past 2 o'clock

## Filter Resonance

Increases the resonance  
of the low pass filter

## Output Level

From -12 to +9 dB  
with 0 dB at 12 o'clock

## Cutoff Frequency

Selects the starting frequency  
for the filter envelope sweep

## Alt LED Button

Hold Momentary button to modify  
the secondary parameters

## Octaves LED Button

Press to toggle Octaves selection  
Green = Upper octave only  
Red = Upper + sub octaves  
Off = Octaves Off

## Octaves Footswitch

Turns the Octaves On or Off



# Classic Synth Tones, Crushing Distortion

Knives in a blender! An aggressive distortion crushes the three-way blend of input signal, monophonic analog-style synth and Footswitch enabled Octaves. An ADSR-style envelope sweeps the cutoff frequency of a resonant lowpass filter with adjustable Attack, Resonance and Cutoff. Swap the filter position pre- or post-distortion to explore radically altered textures.

# Altered States

Press the LED Buttons above each Footswitch to alter filter and octave textures:

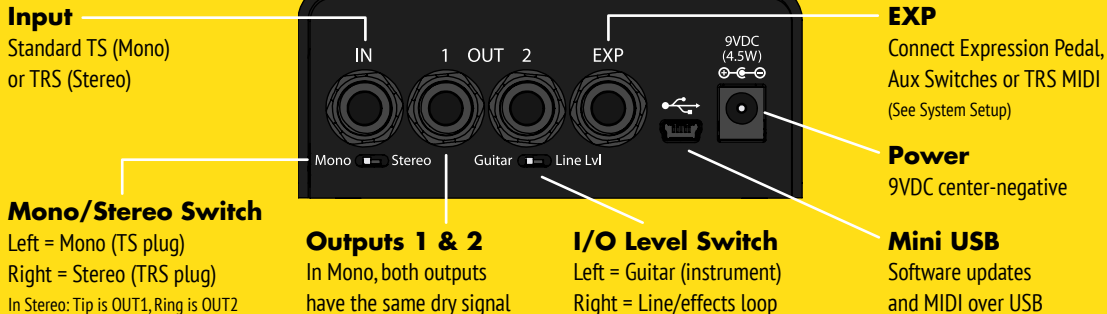
**Green Active** moves the filter pre-distortion.

**Red Active** moves the filter post-distortion.

**Green Octaves** adds an upper octave.

**Red Octaves** adds upper and sub octaves.

Download **H90 Control** for routing configurations, source type (guitar/bass), preset management and more:  
[eventideaudio.com/h90control](http://eventideaudio.com/h90control)



# Expression Pedal

## Morphing from Heel to Toe

Use an Expression Pedal to change any grouping of Knob Parameters in one smooth gesture. Easily program an Expression Pedal by setting end points for Heel and Toe. Here's how:

1. Press Exp Pedal fully Heel down.
2. Adjust any combination of Knob Parameters to set the Heel values.
3. Press Exp Pedal fully Toe down.
4. Adjust any combination of Knob Parameters to set the Toe values.
5. Save it or lose it. See "Presets."

## Clear Expression Pedal Mappings

To clear the Expression Pedal mappings for all Knob Parameters, press and hold the Active Footswitch and, while holding, press and hold the Active LED Button until the Preset Ladder LEDs flash twice.

NOTE: To use an Expression Pedal, the EXP Jack must be set to either [EXP] or [EXP + AUX] in System Setup.

# Presets

**Saving:** Press and hold Active LED Button and Octaves LED Button to save current preset. Current Preset Ladder LED will blink when saved.

**Loading:** Press and hold Octaves Footswitch to load Knife Drop Preset. The first Preset Ladder LED will blink when loaded.

# MIDI Messages

## Load Preset

MIDI program change message loads the Preset from the Preset slot of the given value 1–127. The bottom two Ladder LEDs will be lit when Presets 6–127 are selected externally via MIDI.

## Perform

CC	PARAMETER
4	Expression Pedal
52	Pedal Active/Bypass
53	Octaves On/Off
54	Filter Position
55	Octaves Type

## Knobs

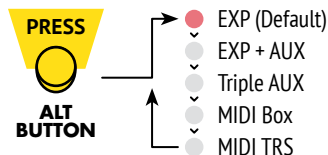
CC	PARAMETER	
20	Synth	
21	Drive	
22	Level	
26	Attack	SECONDARY
27	Resonance	SECONDARY
28	Cutoff	SECONDARY

# System Setup

## Enter System Setup

To access these Global Settings, apply power while holding Active Footswitch and Alt LED Button. Top two Preset LEDs are on when in System Setup. Changes are stored as they are made. Cycle power to exit System Setup.

### Set EXP Pedal Jack



#### EXP + AUX

TIP = Expression Pedal  
RING = Unused

#### TRIPLE AUX

TIP = Increment Preset  
RING = Decrement Preset  
TIP + RING = Load Preset  
Note: Times out after a few seconds

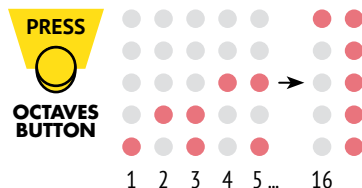
#### MIDI BOX

Receive and Send MIDI via a MIDI Converter Box (Tip Active)

#### MIDI TRS

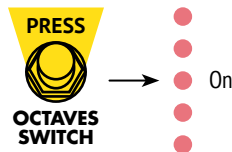
Receive MIDI directly with a DIN to TRS or TRS cable.

### Set MIDI Channel



Set MIDI Channel: Press Octaves LED Button  
Factory Default = Omni

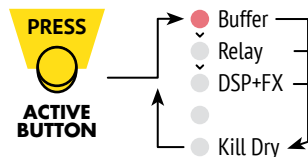
### Catch Up ON/OFF



Factory Default = Off

**Software Update:** Power on while pressing Octaves Footswitch and Octaves LED Button

### Set Bypass Mode

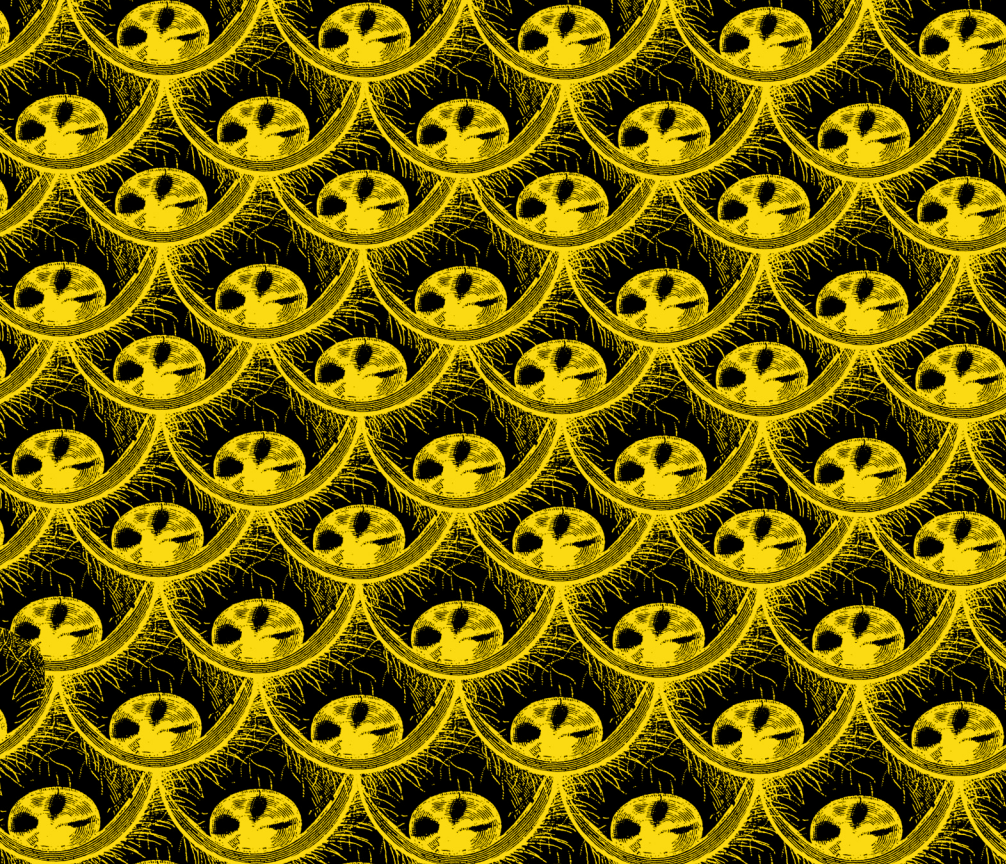


Factory Default = Buffer

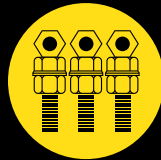
For technical support, contact:  
[support@eventideaudio.com](mailto:support@eventideaudio.com)

[eventideaudio.com](http://eventideaudio.com) @eventideaudio

**FC** This equipment has been tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of 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.



## HARDWARE



del **TERZO UOMO**

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Knife Drop Manual for Firmware v2.0+  
Eventide Part#141940 Rev B  
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