



Photo courtesy of Starfile

# CROSSROADS<sup>TM</sup>

## ERIC CLAPTON

### OWNER'S MANUAL



**DigiTech**  
The Power to Create

## DECLARATION OF CONFORMITY

Manufacturer's Name: DigiTech®  
Manufacturer's Address: 8760 S. Sandy Parkway  
Sandy, Utah 84070, U.S.A.

declares that the product:

Product name: Crossroads™  
Product option: all (requires Class II power adapter that conforms to the requirements of EN60065, EN60742, or equivalent.)

conforms to the following Product Specifications:

Safety: IEC 60065 (1998)

EMC: EN 55013 (1990)  
EN 55020 (1991)

Supplementary Information:

The product herewith complies with the requirements of the Low Voltage Directive 73/23/EEC and the EMC Directive 89/336/EEC as amended by Directive 93/68/EEC.

Vice-President of Engineering - MI  
8760 S. Sandy Parkway  
Sandy, Utah 84070, U.S.A.  
Date: November 22, 2004

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Ph: (801) 566-8800  
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## Warning

**For your protection, please read the following:**

Important Safety Instructions

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Do not use this apparatus near water.
5. Clean only with dry cloth.
6. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
7. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
8. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
9. Unplug this apparatus during lightning storms or when unused for long periods of time.
10. No user serviceable parts inside. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
11. **WARNING:** To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.
12. Refer to labels on the unit, including bottom cover, or other markings and pertinent information.

Congratulations and special thanks from **DigiTech®** for choosing the **Eric Clapton Crossroads™ Artist Series Pedal**.

DigiTech's philosophy for developing products begins with the desire to provide every guitarist with the best-sounding, most creative tools possible. To this end, our revolutionary **Production Modeling™** was designed to help reproduce the studio and live sounds and effects of an artist as heard on their recordings. This includes modeling the speaker cabinets, microphones with their placements, pre/post effects, and the recording engineer's magic all in one pedal.

The **Crossroads Artist Series Pedal** was conceived in conjunction with Eric Clapton and his long-time guitar tech Lee Dickson. Crossroads models seven Clapton signature tones. From songs like "Badge" with its swirling rotary speaker modulation, to "Layla" (*Unplugged*) with its intimate acoustic tone, and of course, "Sunshine of Your Love" which features Eric's signature "woman tone", Crossroads spans 30 years of Clapton culture and tone.

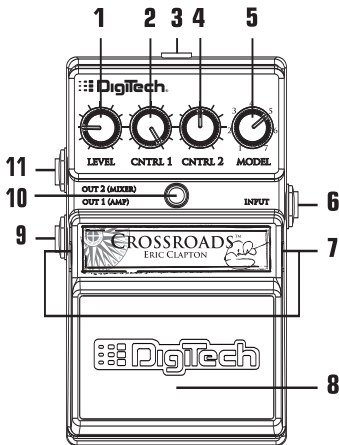
## Included Items

The DigiTech® Eric Clapton Crossroads™ Artist Series Pedal includes the following items:

- **DigiTech Eric Clapton Crossroads Artist Series Pedal**
- **Artist Series Pedal Gig Bag**
- **Eric Clapton Crossroads Artist Series Guitar Pick**
- **PS200R Power Supply**
- **This Owner's Manual**
- **Battery Notice**
- **DigiTech Warranty Card**
- **DigiTech Brochure**

Please make sure that all of these items have been included before you get started.





## 1. LEVEL

Controls the output level of the effect. Turn this knob clockwise to increase the output level, and counter-clockwise to decrease the output level.

## 2. CNTRL 1 (Control 1)

Controls different functions depending on which **MODEL** is selected. See the **Knob Function Descriptions** section on the following pages for a more detailed explanation of the **CNTRL 1** knob's functions.

## 3. AC Adapter Jack

Connect only the included **DigiTech® PS200R (9V DC)** power supply to this jack.

## 4. CNTRL 2 (Control 2)

Controls different functions depending on which **MODEL** is selected. See the **Knob Function Descriptions** section on the following pages for a more detailed explanation of the **CNTRL 2** knob's functions.

## 5. MODEL

This knob selects one of the seven different signature Eric Clapton tones.

1. “Sunshine of Your Love”
2. “Crossroads”
3. “Badge”
4. “Layla”
5. “Lay Down Sally”
6. “Layla” *Unplugged*
7. “Reptile”

Please refer to the **Knob Function Descriptions** section on the following pages for a more detailed explanation of each **MODEL**.

## 6. INPUT

Connect your instrument to this jack. Connecting a guitar cable to this jack supplies battery power even though the **Indicator LED** may not be lit. To prolong battery life, disconnect all cables when not in use.

## 7. Pedal Release Pins

These two pins are spring-loaded hinges that hold the pedal in place. Push these pins in to release the pedal from the pedal chassis exposing the battery compartment. (See the **Battery Replacement Diagram** at the end of this Owner's Manual)

## 8. Pedal

Press the pedal to turn the effect on and off.

## 9. OUT 1 (AMP)

Connect this output jack to your guitar amplifier.

## 10. Indicator LED

This LED indicates when the effect is turned on. If the LED becomes dim or does not light when using battery power (with the cables connected), the battery needs to be replaced.

## 11. OUT 2 (MIXER)

This output has been specifically designed for use with a full range audio system. It is designed to be plugged directly into a mixer or recording device for optimal performance.

## Knob Function Descriptions

LEVEL	CNTRL 1	CNTRL 2	MODEL
Output Level	Distortion Gain	Tone	1. "Sunshine of Your Love", Cream - <i>Disraeli Gears</i> (1967)
Output Level	Distortion Gain	Tone	2. "Crossroads", Cream - <i>Wheels of Fire, Live at the Fillmore</i> (1968)
Output Level	Overdrive Gain	Rotary Speaker Modulation Speed	3. "Badge", Cream - <i>Goodbye</i> (1969)
Output Level	Distortion Gain	Tone	4. "Layla", Derek and the Dominoes - <i>Layla and Other Love Songs</i> (1970)
Output Level	Distortion Gain	Tone	5. "Lay Down Sally", Eric Clapton - <i>Slowhand</i> (1977)
Output Level	Body Amount	Reverb Level	6. "Layla" Acoustic, Eric Clapton - <i>Unplugged [LIVE]</i> (1992)
Output Level	Overdrive Gain	Reverb Level	7. "Reptile", Eric Clapton - <i>Reptile</i> (2001)

**All MODELS accurately reproduce Clapton's tracks by setting the CNTRL 1 and CNTRL 2 knobs to the 12 O'Clock position.**  
(Optimal position may vary based on the guitar and amplifier you are using.)

### MODEL 1. "Sunshine of Your Love", Cream – *Disraeli Gears* (1967)

Perhaps one of Eric's best known songs from the Cream years is "Sunshine of Your Love". Eric achieved his now infamous "woman tone" on "Sunshine" in a rather unconventional manner. He began with running his amplifiers as hot and loud as possible. He then rolled back the tone control on his SG and engaged his wah-wah to a fixed position. The midrange/treble boost from the wah compensated for the lack of tone from the SG. **MODEL 1** models this effect using the **CNTRL 1** and **CNTRL 2** knobs to adjust the amount of distortion gain and tone respectively.



## **MODEL 2. “Crossroads”, Cream – *Wheels of Fire, Live at the Fillmore* (1968)**

A pivotal moment in Eric’s career is the track “Crossroads” from Cream’s live 1968 recording *Wheels of Fire, Live at the Fillmore*. “Crossroads” was penned by Robert Johnson, Eric’s most important guitar influence. Its electrified delta blues form evolved from Eric’s days with the Bluesbreakers to the power rock blues version heard on this performance. This song features Eric’s famous soloing work that is still talked about today. **CNTRL 1** adjusts the amount of distortion gain. **CNTRL 2** adjusts the overall tone.

## **MODEL 3. “Badge”, Cream – *Goodbye* (1969)**

For the song “Badge”, Eric used a rotary organ speaker cabinet to get the swirling guitar effect heard in the breaks between the verse and chorus. This sound was achieved by overdriving the amplifier and by strategically placing two microphones around the rotating speakers. These mic signals were then panned in a stereo field. For this **MODEL**, connect both the **OUT 1 (AMP)** and **OUT 2 (MIXER)** outputs into two different amps or two channels of a mixer

panned hard left and hard right to hear the rotary speaker modulation effect at its best. **CNTRL 1** adjusts the amount of overdrive gain for the guitar signal while **CNTRL 2** adjusts the speed of the modulated sound.

**MODEL 4. “Layla”, Derek and the Dominoes – *Layla and Other Assorted Love Songs* (1970)**

Eric’s most recognized guitar riff and song is “Layla”. Recorded under the band moniker of Derek and the Dominos, “Layla” features Eric on “Brownie”, his Fender® Strat™ guitar which he played through a tweed Fender® Champ™ amplifier. **CNTRL 1** adjusts the amount of distortion gain. **CNTRL 2** adjusts the overall tone.

**MODEL 5. “Lay Down Sally”, Eric Clapton – *Slowhand* (1977)**

“Lay Down Sally” is a country style shuffle featuring Eric and George Terry in a counterpoint guitar duet. **CNTRL 1** adjusts the amount of distortion gain. **CNTRL 2** adjusts the overall tone.

## **MODEL 6. “Layla” (Acoustic), Eric Clapton – *Unplugged* [LIVE] (1992)**

A pivotal moment in Eric’s career was his live acoustic performance on the MTV™ television series “*Unplugged*”. Here Eric and his band unleashed a variety of acoustic renditions of some of Eric’s most famous electric works, including his hit song “Layla”. **MODEL 6** transforms your electric guitar signal into Eric’s vintage acoustic heard on this performance. Connect both the **OUT 1 (AMP)** and **OUT 2 (MIXER)** outputs into two different amps or two channels of a mixer panned hard left and hard right for stereo imaging. **CNTRL 1** boosts/cuts the dominant resonant body frequencies modeled from Eric’s 000-42. **CNTRL 2** adjusts the reverb level being added to the signal.

## **MODEL 7. “Reptile”, Eric Clapton – *Reptile* (2001)**

Eric’s title track on his 2001 release “Reptile” features a classic Gibson® L-5 jazz guitar played through his custom Cornell tweed combo. Some chorusing and reverb were added during mixdown. **CNTRL 1** adjusts the amount of overdrive gain. **CNTRL 2** adjusts the reverb level being added to the signal.

## Set Up Directions

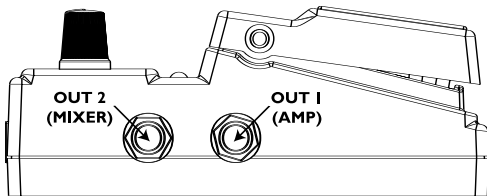
Follow these set up directions before use:

1. Turn the volume down on the amplifier/mixer you are connecting to.
2. Connect the pedal output to the amplifier/mixer input. (Please refer to the **Connections Diagrams** on the following pages.)
3. Connect the guitar to the pedal input. (Please refer to the **Connections Diagrams** on the following pages.)
4. Connect the power supply to the pedal. (Please refer to the **Connections Diagrams** on the following pages.)
5. Set the Crossroads™ pedal's **LEVEL** control to the minimum position.
6. Turn up your amplifier/mixer level to your desired listening level.
7. Turn on the pedal by pressing the pedal switch and gradually turn up the Crossroad's **LEVEL** control to the desired listening level.

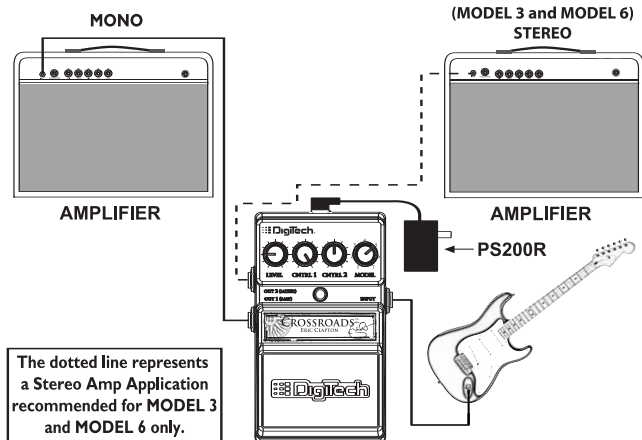
## Connections

The Crossroads™ pedal features a single **INPUT** and a pair of outputs, **OUT 1 (AMP)** and **OUT 2 (MIXER)**. The two outputs give you the option of running into one (mono) or two (stereo) guitar amplifier(s), running directly to a mixing console (one or two channels), recording device (L/R), or any combination of the two outputs. The **OUT 2 (MIXER)** output has been specially designed to faithfully reproduce Eric's studio guitar amplifier tones without having to use an amp. (Please refer to the **Connections Diagrams** on the following pages.)

### Crossroads Outputs Diagram

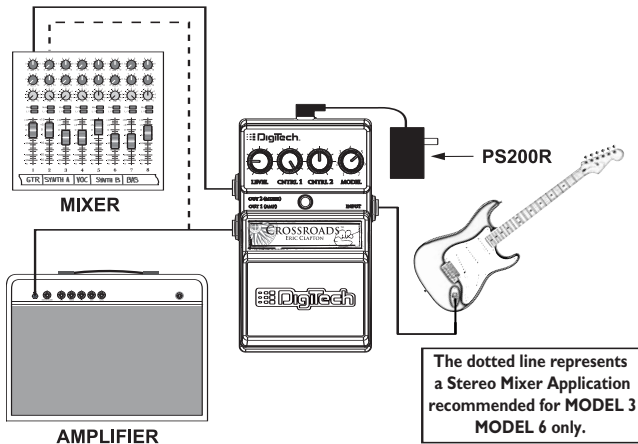


## Connections Diagram (Mono Amp or Stereo Amps)



The dotted line represents a Stereo Amp Application recommended for MODEL 3 and MODEL 6 only.

## Connections Diagram (Amp and Mixer)

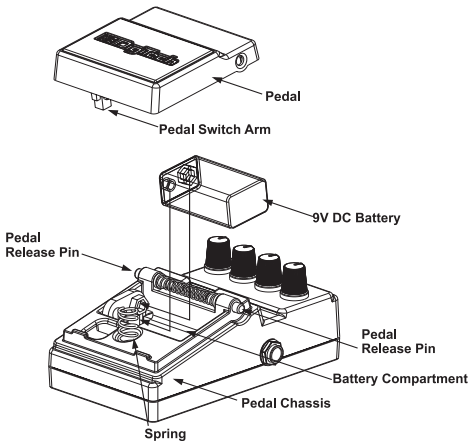


## Battery Replacement

1. Using the tip of a 1/4" guitar cable, push one of the release pins in on either side of the pedal, and remove the pedal from the pedal chassis.
2. Remove the battery from the battery compartment and disconnect the battery cable.
3. Connect a new battery to the battery cable and put it back in the battery compartment. Make sure the battery cable does not interfere with the spring or pedal switch arm.
4. Place one hole of the pedal over its corresponding pin.
5. Push the opposite pin in and lower the other side of the pedal into place over the depressed pin. Release the pin. When the pedal is properly fastened, both release pins are flush with the outer side of the pedal.



# Battery Replacement Diagram



## Specifications:

- Controls - LEVEL, CNTRL 1, CNTRL 2, MODEL, On/Off Pedal
- Jacks - INPUT, OUT 1 (AMP), OUT 2 (MIXER)
- Input Impedance - 1 MOhms
- Output Impedance - 100 Ohms
- Power Supply - Included DigiTech PS200R or 9V Alkaline Dry Battery
- Power Consumption - 4.8 Watts (w/PS200R power supply)
- Battery Life - Approximately 4 hours (with continuous usage)
- Dimensions - 4 15/16"(L) x 3 1/8"(W) x 2 1/8"(H)
- Weight - 2 lbs.
- Included Power Supply

PS200R - 100 (100V ~ 50/60Hz)

PS200R - 120 (120V ~ 60Hz)

PS200R - 230 (230V ~ 50Hz)

PS200R - 240 (240V ~ 60Hz)

**WARRANTY:** We at **DigiTech®** are proud of our products and back-up each one with the following warranty:

1. The warranty registration card must be mailed within ten days after purchase date to validate this warranty.
2. DigiTech warrants this product, when used solely within the U.S., to be free from defects in materials and workmanship under normal use and service.
3. DigiTech liability under this warranty is limited to repairing or replacing defective materials that show evidence of defect, provided the product is returned to DigiTech WITH RETURN AUTHORIZATION, where all parts and labor will be covered up to a period of **one** year (this warranty is extended to a period of **six** years when the product has been properly registered by mail or through our website). A Return Authorization number may be obtained from DigiTech by telephone. The company shall not be liable for any consequential damage as a result of the product's use in any circuit or assembly.
4. Proof-of-purchase is considered to be the burden of the consumer.
5. DigiTech reserves the right to make changes in design, or make additions to, or improvements upon this product without incurring any obligation to install the same on products previously manufactured.
6. The consumer forfeits the benefits of this warranty if the product's main assembly is opened and tampered with by anyone other than a certified DigiTech technician or, if the product is used with AC voltages outside of the range suggested by the manufacturer.
7. The foregoing is in lieu of all other warranties, expressed or implied, and DigiTech neither assumes nor authorizes any person to assume any obligation or liability in connection with the sale of this product. In no event shall DigiTech or its dealers be liable for special or consequential damages or from any delay in the performance of this warranty due to causes beyond their control.

**NOTE:** *The information contained in this manual is subject to change at any time without notification. Some information contained in this manual may also be inaccurate due to undocumented changes in the product or operating system since this version of the manual was completed. The information contained in this version of the owner's manual supersedes all previous versions.*

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**H** A Harman International Company



A portion of the proceeds from the sale of this pedal is being donated to Crossroads Centre, an International Centre of Excellence for the treatment of alcohol, drugs, and other addictive disorders.

**www.crossroadsantigua.org**