

# CastleRock

## DISTORTION EFFECT PEDAL

### CRGDS

## INSTRUCTIONS

### FEATURES

The GRGDS is an effect unit that generates both distortion and sustain effects. By rotating the knobs you can create all kinds of sounds, from warm, soft sustain to hard, powerful distortion. The GRGDS can be powered by a battery or an optional AC adaptor.

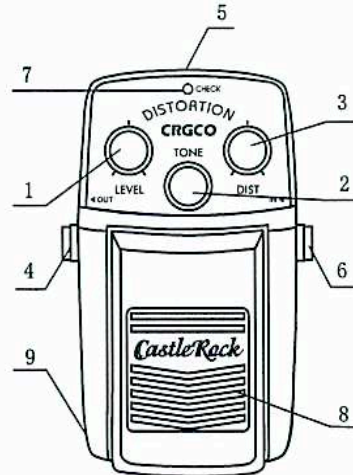
### SPECIFICATIONS

GRGDS: Distortion  
Input Impedance: 470 k  $\Omega$   
Output Impedance : Over 10 k  $\Omega$   
Power Supply: 9 V DC :  
Dry Battery 9 V type (6F22/9V),  
AC Adaptor.  
Current Draw: 8 mA (9V DC)

### OPERATION

#### 1. LEVEL Knob

This knob adjusts the level of the effect sounds. Set the knob so there is no volume difference between the effect and straight guitar sound.



#### 2. TONE knob

This knob controls the tone of the distortion sounds. Rotating the knob clockwise cuts lower frequencies, creating sharp sounds. Rotating the knob counterclockwise cuts higher frequencies, creating softer, warmer sounds.

#### 3. DIST knob

This knob controls the depth of distortion sounds and the length of sustained sounds. Rotating the knob clockwise creates deeper distortion and a longer sustain time.

#### 4. Output Jack

The output jacks are used to connect the unit to amplifiers or other devices.

#### 5. AC Adaptor Jack

Accepts connection of an AC Adaptor. By using an AC Adaptor, you can play without being concerned about how much battery power you have left.

#### 6. Input Jack

This jack accepts input signals (coming from a guitar, some other electric or electronic musical instrument, or another effects unit)

#### 7. Check Indicator

This indicator shows whether an effect is ON/OFF, and also doubles as the Battery Check indicator. The indicator lights when an effect is ON. If this indicator goes dim or no longer lights while an effect is ON, the battery is near exhaustion and should be replaced immediately.

#### 8. Pedal Switch

This Switch turns the effects ON/OFF.

#### 9. Battery Housing

9 V Battery is required.