 **BOSS**

**ROD-10**

**OVER DRIVE /**

**DISTORTION**

**INSTRUCTIONS**

Please read the instructions carefully.

**The ROD-10 is a rack type overdrive/distortion unit to which all the BOSS technology is drained.**

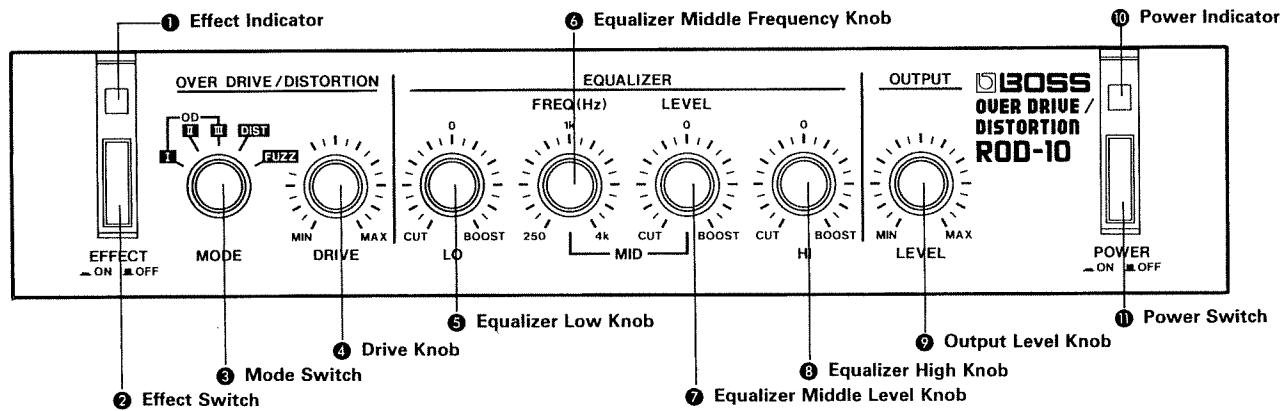
- Featuring three different overdrive effects and a distortion fuzz, the ROD-10 can create wide variety of distortions.
- A three band equalizer is built in.
- Provided with the Line Output which perfectly simulates the characteristic of a guitar amplifier, the ROD-10 can be directly connected to a mixer.
- The ROD-10 can be effectively used with a bass guitar or keyboard as well as a guitar.

## **CONTENTS**

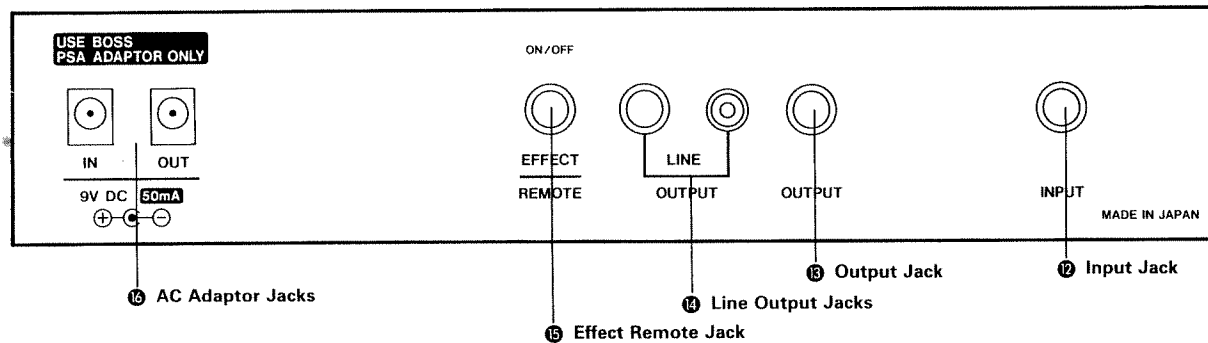
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# 1 PANEL DESCRIPTION

## Front Panel



## Rear Panel



**① Effect Indicator**

This lights up when the effect is on.

**② Effect Switch**

This turns the effect on or off.

**③ Mode Switch**

**④ Drive Knob**

**⑤ Equalizer Low Knob**

**⑥ Equalizer Middle Frequency Knob**

**⑦ Equalizer Middle Level Knob**

**⑧ Equalizer High Knob**

**⑨ Output Level Knob**

**⑩ Power Indicator**

This lights up when the unit is switched on.

**⑪ Power Switch**

This turns the unit on or off.

\* In about 10 seconds after the Power Switch is turned on, the unit starts working.

\* The unit may generate oscillation noise when turned on, but there is no need to worry about it.

**⑫ Input Jack**

Connect this jack to a musical instrument.

**⑬ Output Jack**

This is where signal is sent out from the ROD-10.

**⑭ Line Output Jacks**

Connect these jacks to the Line In of the amplifier or mixer.

\* These two jacks can be used at the same time.

\* Even when the effect is on, the Line Driver circuit that simulates the characteristic of a guitar amplifier works.

**⑮ Effect Remote Jack**

By connecting the optional footswitch FS-1, the effect can be turned on or off with the pedal operation.

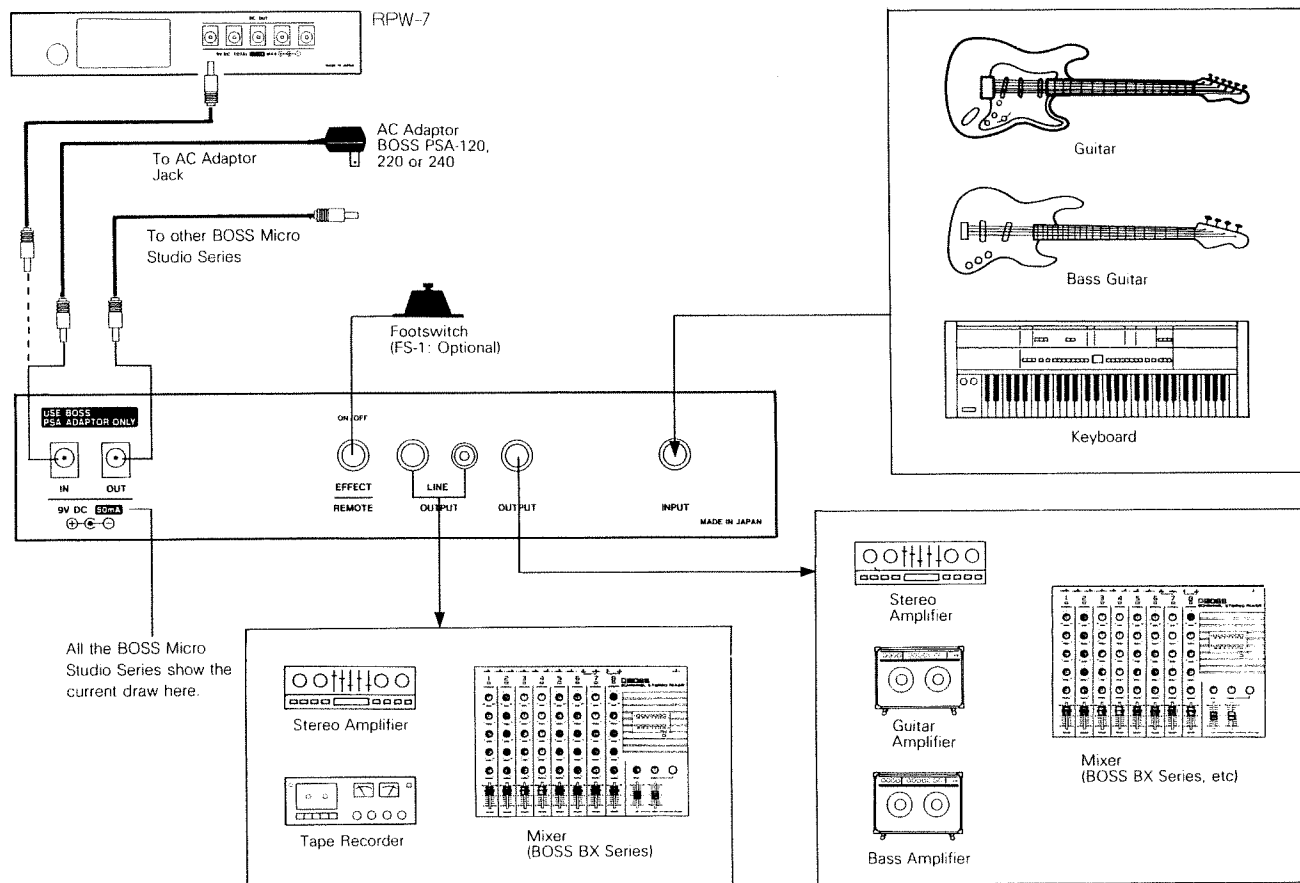
\* Please make sure that the Effect Switch on the panel is turned on.

**⑯ AC Adaptor Jacks**

The "IN" jack is to connect the AC adaptor (BOSS PSA-120, 220 or 240) or the Power Supply (BOSS RPW-7). Connect the plug of the AC adaptor or the Power Supply to "IN". To supply power to other BOSS Micro Studio Series, connect the supplied DC cord to "OUT".

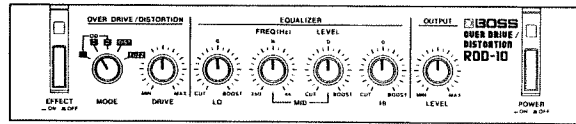
\* When using the PSA Adaptor, please be sure the total current draw does not exceed 200mA, and when using the RPW-7, 700mA. (The current draw of each unit is shown on its rear panel.)

## 2 CONNECTION

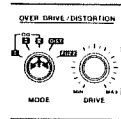


### 3 OPERATION

- ① Set the controls on the panel as shown below.

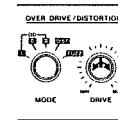


- ② Select a desired sound with the Mode Switch ③.

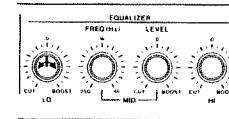


- OD-I** ..... Very light overdrive sound. With the guitar's volume turned down, normal sound is obtained. This sound can also be effectively used for a bass guitar or keyboard.
- OD-II** ..... Orthodox overdrive sound of BOSS.
- OD-III** ..... High gain overdrive sound.
- DIST** ..... Heavy distortion sound.
- FUZZ** ..... Fuzz effect which is even heavier than distortion.

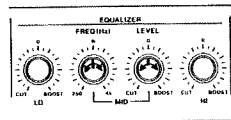
- ③ Adjust the depth of the distortion with the Drive Knob ④. Rotating the knob clockwise will deepen the effect.



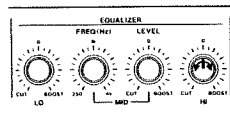
- ④ Using the Equalizer Low Knob ⑤, adjust the bass sounds. Rotating the knob clockwise boosts the lower frequencies and counterclockwise cuts them. At the center position, flat frequency is obtained.



- ⑤ First, using the Equalizer Middle Frequency Knob ⑥, set the center frequency for boosting/cutting, then with the Equalizer Middle Level Knob ⑦, adjust the amount of the boosting/cutting. Rotating the Equalizer Middle Level Knob clockwise boosts the middle frequencies and counterclockwise cuts them. At the center position, flat frequency is obtained.



- ⑥ Using the Equalizer High Knob ⑧, adjust the treble sounds. Rotating the knob clockwise boosts the middle frequencies, and counterclockwise cuts them. At the center position, flat frequency is obtained.

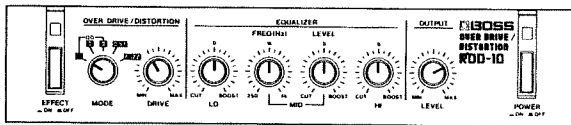


- ⑦ Adjust the volume of the effect sound with the Output Level Knob ⑨. Rotating the knob clockwise raises the volume.



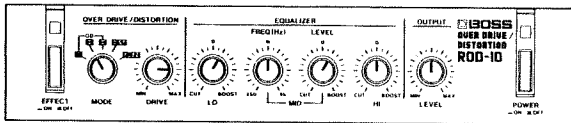
## 4) SETTING SAMPLES

### 1) Light Overdrive Sound



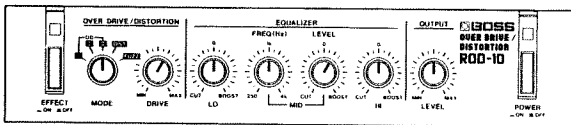
With the guitar's volume turned down, normal sound is obtained.

### 2) Orthodox Overdrive Sound



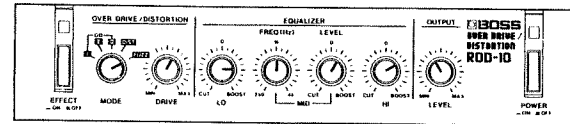
Orthodox overdrive sound of BOSS. This can be used in wide variety.

### 3) More Distorted Overdrive Sound



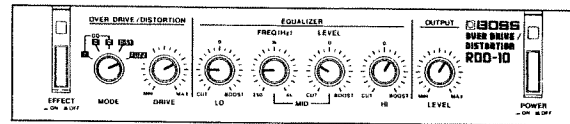
This is like a distortion of a big tube amplifier

### 4) Heavy Distortion Sound



This is a powerful and heavy metal sound.

### 5) FUZZ Sound



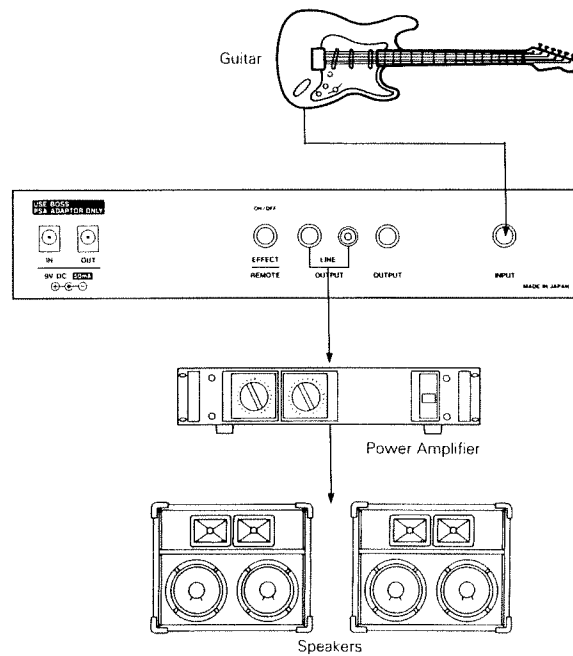
With this Fuzz effect, you can create the 60's guitar sounds.

By turning down the Tone on the guitar, up octaver like sound can be obtained.

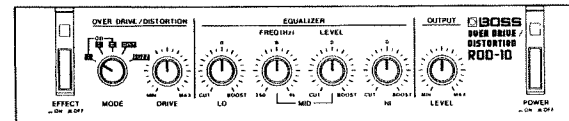


## 5 APPLICATION

Using the ROD-10 as a guitar preamplifier



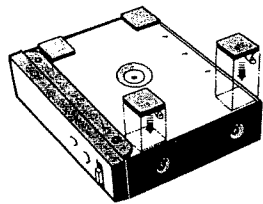
Set up the ROD-10 as shown left, then set the controls on the ROD-10 as shown below.



Now, the ROD-10 can be used just like the two-volume guitar amplifier. In the Equalizer section, make the desired sound. Then use the Drive Knob ④ as a volume knob and the Output Level Knob ⑨ as a master volume.

## 6 IMPORTANT NOTES

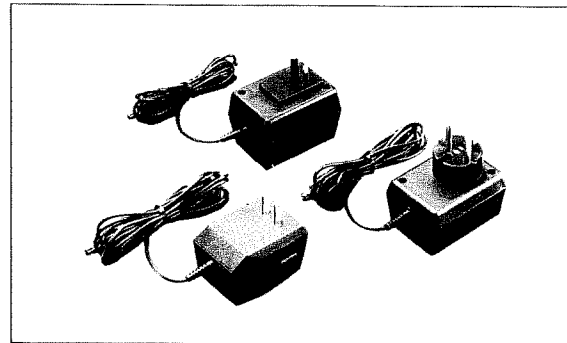
- For about 10 seconds after the unit is turned on, it does not function because of the muting circuit.
- When you are using only one AC adaptor (or RPW-7) for supplying power to more than one unit, please be sure that the total current draw does not exceed 200mA. (or 700mA).
- When the unit is not to be used, disconnect the AC adaptor from the socket.
- Avoid using the unit in excessive heat or humidity or where it may be affected by dust.
- Never remove the cabinet from the unit.
- When you use the unit on its own without using the optional Rack Mount Adaptor RAD-10, please attach the rubber feet as shown below.



### ■ AC Adaptor, Power Supply

BOSS PSA-120, 220 or 240 (optional)  
BOSS RPW-7 (optional)

Be sure to use the above AC adaptor or power supply. Using any other adaptor or power supply will cause trouble.



### ■ Rack Mounting

The ROD-10 is one of the BOSS Micro Studio Series, and any two of the series can be mounted in a standard 19" rack (EIA-1U) by using the optional Rack Mount Adaptor RAD-10.

Remove the rubber feet from the bottom of the units, fix the units on the Rack Mount Adaptor with the supplied screws, then place the whole set on the rack.

## **7 SPECIFICATIONS**

### **Input Level/Input Impedance:**

–20dBm/1M $\Omega$

### **Output Level/Output Impedance:**

–20dBm/2k $\Omega$

### **Output Load Impedance:**

Over 10k $\Omega$

### **Controls:**

Mode  
Drive  
Equalizer LO  
Equalizer MID Frequency  
Equalizer MID Level  
Equalizer HI  
Output Level

### **Switches:**

Power (ON/OFF)  
Effect (ON/OFF)

### **Indicators:**

Power  
Effect

### **Jacks:**

Input  
Output  
Line Outputs (Standard, Pin)  
Effect Remote (ON/OFF)  
AC Adaptor (IN, OUT)

### **Power Source:**

9V DC (BOSS PSA-120, 220, 240 or RPW-7)

### **Current Draw:**

50mA

### **Dimensions:**

218(W)  $\times$  169(D)  $\times$  44(H) mm  
8 $\frac{9}{16}$ "  $\times$  6 $\frac{1}{16}$ "  $\times$  1 $\frac{3}{4}$ "

### **Weight:**

900g/2lb

### **Accessories:**

DC Cord (0.5m),  
Rubber Feet ( $\times$  4)

### **OPTIONS**

AC Adaptor BOSS PSA-120, 220 or 240  
Power Supply BOSS RPW-7  
Footswitch FS-1  
Rack Mount Adaptor RAD-10

**\* Specifications are subject to change without notice.**

 Roland®

10424

UPC 10424



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### BOSS Micro Studio Series

|        |                                       |
|--------|---------------------------------------|
| RCL-10 | Compressor/Limiter                    |
| RBF-10 | Flanger                               |
| RGE-10 | Graphic Equalizer                     |
| RPQ-10 | Preamplifier/<br>Parametric Equalizer |
| RPH-10 | Phaser                                |
| RDD-20 | Digital Delay                         |
| RSD-10 | Digital Sampler/Delay                 |
| RPS-10 | Digital Pitch Shifter/<br>Delay       |
| RCE-10 | Digital Chorus Ensemble               |
| ROD-10 | Over Drive/Distortion                 |
| RPW-7  | Power Supply                          |

  
Products of Roland

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