 **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.

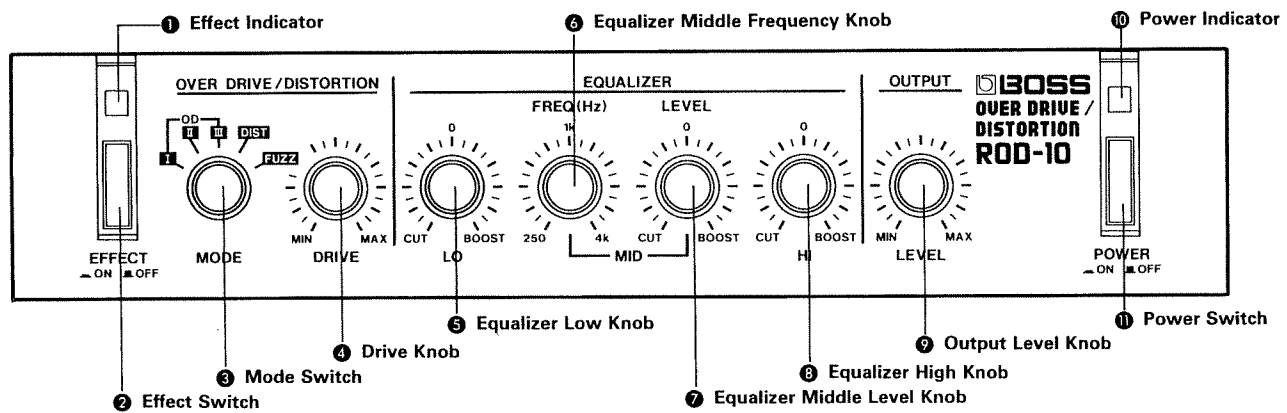
- Featuring three different overdrive effects and a distortion fuzz, the ROD-10 can create wide variety of distortions.
- A three band equalizer is built in.
- Provided with the Line Output which perfectly simulates the characteristic of a guitar amplifier, the ROD-10 can be directly connected to a mixer.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

CONTENTS

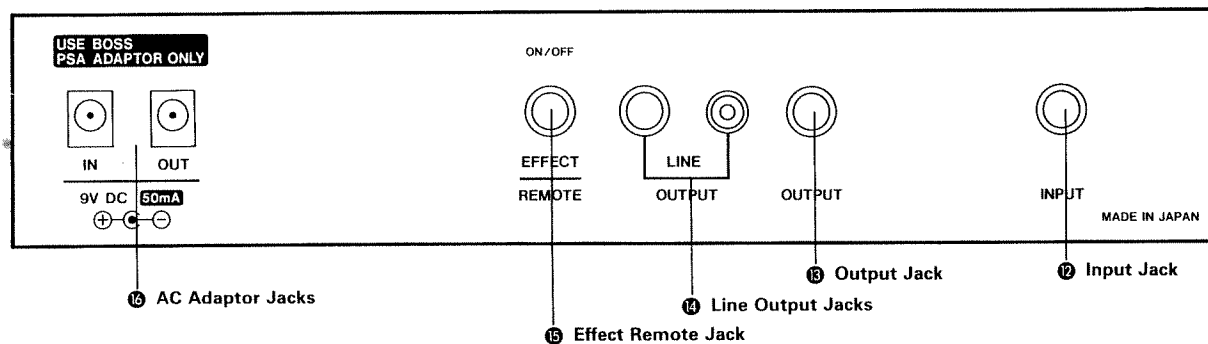
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1 PANEL DESCRIPTION

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.

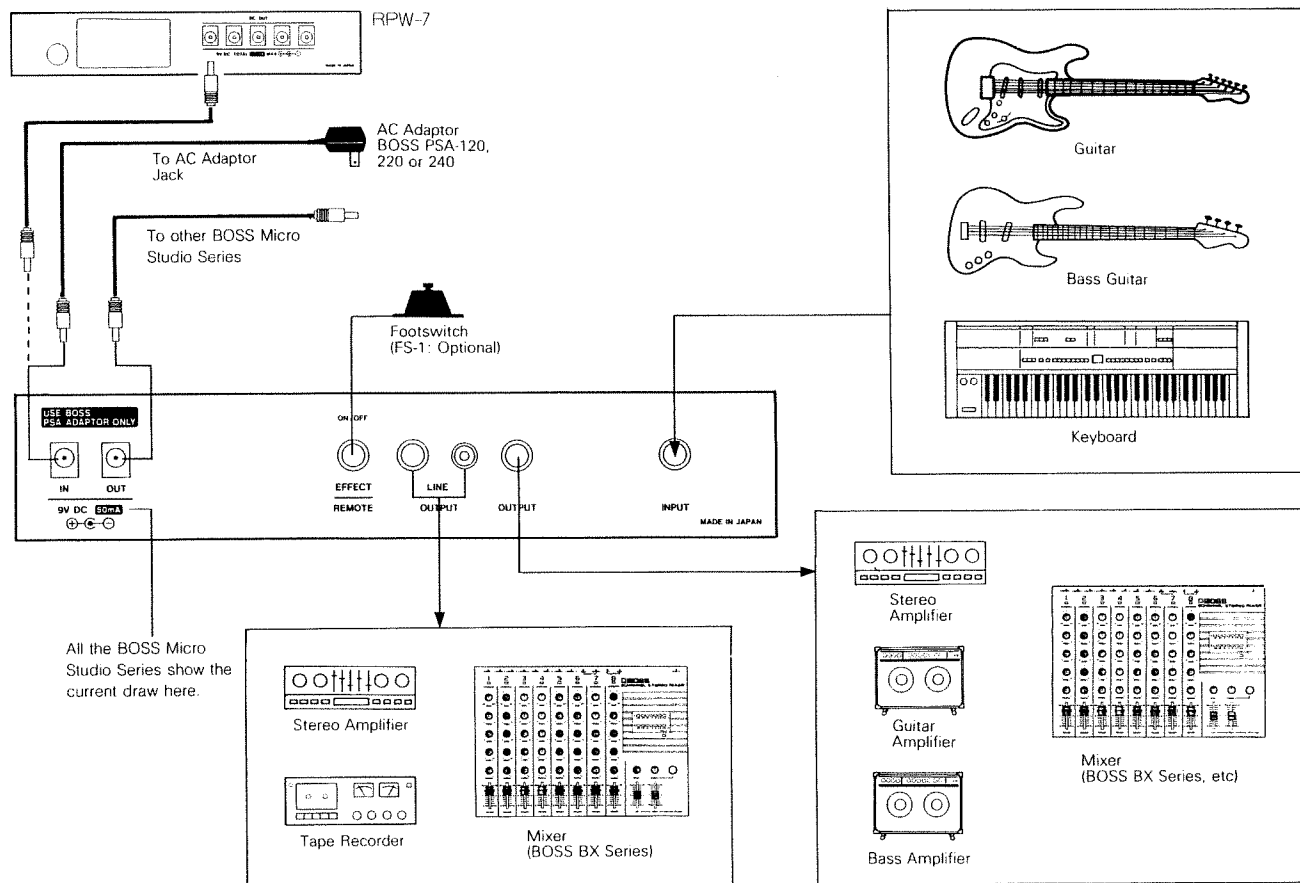
* Please make sure that the Effect Switch on the panel is turned on.

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".

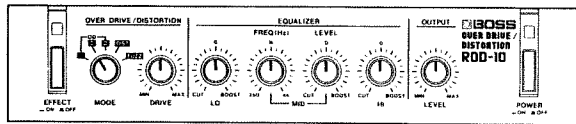
* When using the PSA Adaptor, please be sure the total current draw does not exceed 200mA, and when using the RPW-7, 700mA. (The current draw of each unit is shown on its rear panel.)

2 CONNECTION

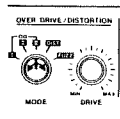


3 OPERATION

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

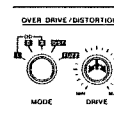


- ② Select a desired sound with the Mode Switch ③.

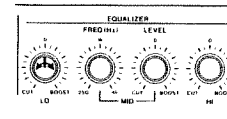


- OD-I** Very light overdrive sound. With the guitar's volume turned down, normal sound is obtained. This sound can also be effectively used for a bass guitar or keyboard.
- OD-II** Orthodox overdrive sound of BOSS.
- OD-III** High gain overdrive sound.
- DIST** Heavy distortion sound.
- FUZZ** Fuzz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

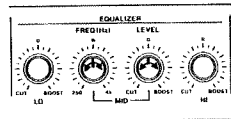
- ③ Adjust the depth of the distortion with the Drive Knob ④. Rotating the knob clockwise will deepen the effect.



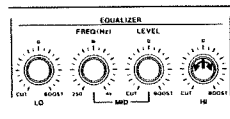
- ④ Using the Equalizer Low Knob ⑤, adjust the bass sounds. Rotating the knob clockwise boosts the lower frequencies and counterclockwise cuts them. At the center position, flat frequency is obtained.



- 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.

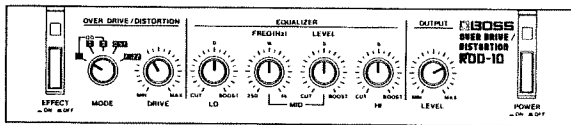


- ⑦ Adjust the volume of the effect sound with the Output Level Knob ⑨. Rotating the knob clockwise raises the volume.



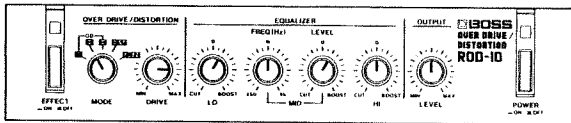
4) SETTING SAMPLES

1) Light Overdrive Sound



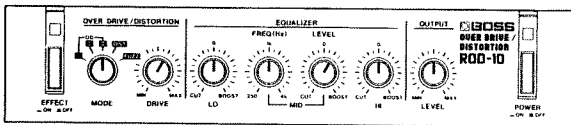
With the guitar's volume turned down, normal sound is obtained.

2) Orthodox Overdrive Sound



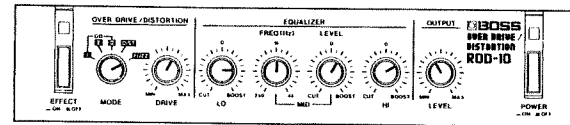
Orthodox overdrive sound of BOSS. This can be used in wide variety.

3) More Distorted Overdrive Sound



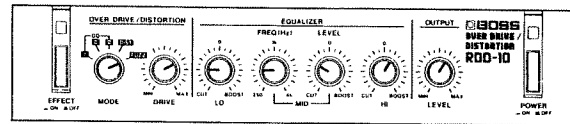
This is like a distortion of a big tube amplifier

4) Heavy Distortion Sound



This is a powerful and heavy metal sound.

5) FUZZ Sound

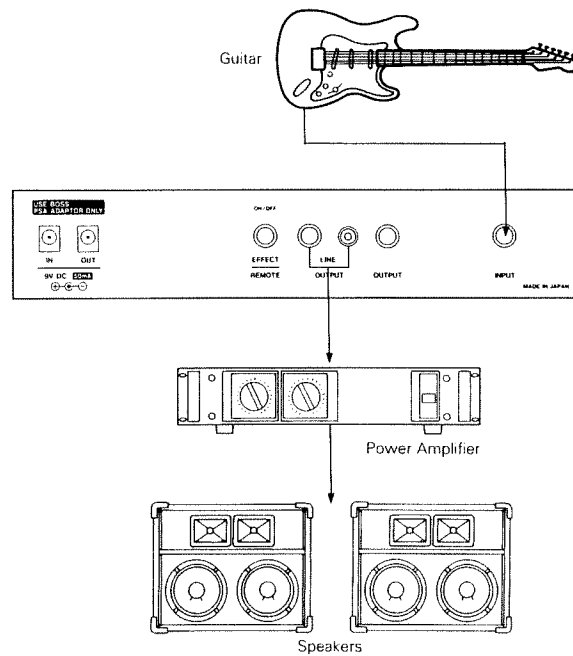


With this Fuzz effect, you can create the 60's guitar sounds.

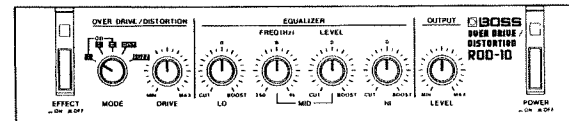
By turning down the Tone on the guitar, up octaver like sound can be obtained.

5 APPLICATION

Using the ROD-10 as a guitar preamplifier



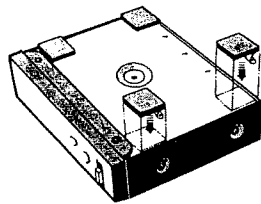
Set up the ROD-10 as shown left, then set the controls on the ROD-10 as shown below.



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

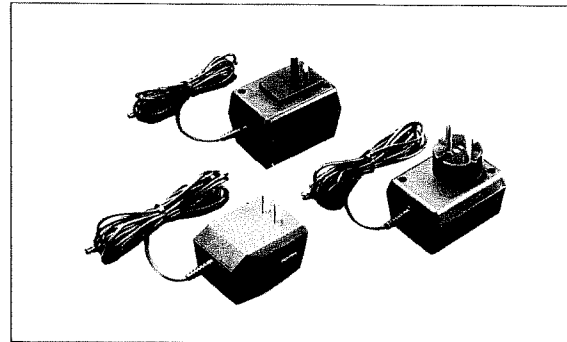
- For about 10 seconds after the unit is turned on, it does not function because of the muting circuit.
- When you are using only one AC adaptor (or RPW-7) for supplying power to more than one unit, please be sure that the total current draw does not exceed 200mA. (or 700mA).
- When the unit is not to 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 Ω

Output Level/Output Impedance:

–20dBm/2k Ω

Output Load Impedance:

Over 10k Ω

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) × 169(D) × 44(H) mm
8⁹/₁₆" × 6¹¹/₁₆" × 1³/₄"

Weight:

900g/2lb

Accessories:

DC Cord (0.5m),
Rubber Feet (× 4)

OPTIONS

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

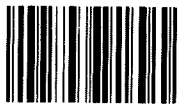
*** Specifications are subject to change without notice.**

 Roland®

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UPC

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BOSS Micro Studio Series

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


Products of Roland

ROD-10 Instructions Printed in Japan SEP. '86 C-3

ROD-10