



User's Guide

RTC600 Real Tube Compressor / Limiter

RTO700 Real Tube Overdrive

RTD800 Real Tube Overdrive / Distortion

◆SAFETY PRECAUTIONS◆

Be sure to read these precautions before using this product in order to insure safe operation of the equipment.

Keep this User's Guide on hand for future reference whenever you may need it.

◆安全上のご注意◆

機器を安全にご使用いただくため、ご使用前にこの取扱説明書を必ずお読みください。

そのあとは大切に保管し、必要になったときにお読みください。

SAFETY PRECAUTIONS

Please be sure to observe. The safety precautions listed below are intended to ensure your safety whenever you use the equipment.

■ Precaution text is generally accompanied by the following symbols to alert you and others to the risk of personal and material injury that may be caused if the precaution is ignored.



Warning

This symbol indicates an item that can result in death or serious personal injury if ignored.



Caution

This symbol indicates an item that can result in serious personal injury or material damage if ignored.

■ Precaution text is generally accompanied by the following icons to alert you and others to things you should or should not do.



.... A triangle indicates something you should be careful about.



.... A circle with a line through it indicates something you should not do.



.... A black circle indicates something you must do.



Warning



NEVER OPEN THE CASE

•Never try to remove the bottom cover and to modify the equipment. (Internal components of the equipment use high voltages, and exposing them creates the danger of fire and electrical shock.)



STOP THE USE IN CASE OF A PROBLEM

•Stop using the equipment whenever you notice smoke or a strange odor coming from it.



•Contact your original dealer or nearest authorized service provider for service.



Warning



BEWARE OF HEAT BUILT UP

- Never cover AC adaptor with cloth or other objects.
(Built up heat creates the danger of the equipment deformation and fire.)



Caution



USE SPECIFIED AC ADAPTOR ONLY

- Be sure to use only the AC adaptor specified in this User's Guide. Use of non-specified AC adaptors creates the danger of fire and electrical shock.



UNPLUGGING AC ADAPTOR

- Never try to unplug AC adaptor while your hands are wet. Doing so creates the danger of electrical shock.
- When unplugging AC adaptor from the power source, be sure to grasp the adaptor. Never pull on the cord. Doing so can damage the power cord and create the danger of fire and electrical shock.



WATER, HUMIDITY, DUST AND HIGH TEMPERATURES

- Never leave or use the equipment in bathrooms, the outdoors or other areas subject to water, high humidity, dust and high temperature. Doing so creates the danger of fire and electrical shock.



LEAVING THE EQUIPMENT UNATTENDED

- Whenever leaving the equipment unattended for long periods, be sure to unplug AC adaptor from the power source. If not, there is a danger of fire.

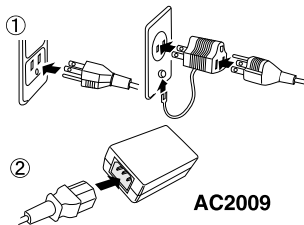
RTC600 Real Tube Compressor/Limiter

- Authentic tube compressor offers warm yet bold compression/limiter sound.
- Low noise and wide dynamic range with precise RMS level detecting circuit and high-performance VCA (voltage controlled amplifier).
- Studio-level setting is available with 3 controls (THRESHOLD, RATIO, GAIN) and 2 envelope controls (ATTACK, RELEASE).
- Variable threshold level (0dBu to -40dBu) offers optimal compression settings. NR status LED precisely reflects compression effect while offering easily viewable setting.
- Variable compression ratio from 1:1 to infinity:1. Output gain is also variable (0dB to 30dB). “Brick Wall” limiter and “Soft Knee” compression effects available.

FEATURES AND CONTROLS

AC2009 (AC Adaptor)

- ① AC2009 power plug should be connected to AC outlet with ground. If you do not have AC outlet with ground, use a 2-pin adaptor. Connect green / yellow (or green) ground wire of 2-pin adaptor to ground terminal of the AC outlet. Be sure that guitar amplifier is turned off before connecting / disconnecting the AC2009 power plug.
- ② Connect the power cord plug to the inlet of AC2009. Be sure that guitar amplifier is turned down before connecting / disconnecting the power cord plug.



AC2009

RTC600

① THRESHOLD (threshold level control)

Controls threshold level of compression. (Fig. 1) When an input signal is above the threshold level, compression will be carried out in the manner defined by the setting of the ratio control. (Fig. 2) Compression starts from a low level when this control is turned CW. So turn the output level up by the GAIN control since the output level will decrease when threshold is increased. (Fig. 3)

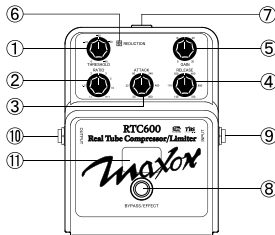
② RATIO (ratio control)

Controls compression ratio. Turn RATIO control knob CW to increase compression from 1:1 (no compression) up to infinity: 1 (no increase in output level, regardless of input level increases above threshold). When the ratio is infinity: 1, it can be used as a limiter. When the ratio is 1:1, it can be used as a clean booster.

③ ATTACK (attack time control)

This control adjusts the time that it takes to compress output signal after input signal is over threshold level. Attack time is the amount of time that it takes gain to decrease by 20dB once compression is started. 20mSec to 600mSec can be selected.

RTC600



- 9VDC supplied from AC adaptor is bumped up to 25V ($\pm 12.5V$) and supplied to compressor/limiter circuit. High-headroom and full-range frequency response allows RTC600 to be used with any musical instrument.
- When power is turned on, tube heater inrush current control circuit extends tube life.
- TBS (True Bypass Switching) using 4PDT mechanical switch.
- AC adaptor AC2009 can be used worldwide from 100VAC to 240VAC by auto voltage sensing. Main countries' safety standard approved.
- FCC Part 15 compliant. RoHS compliant. Made in Japan with confidence.

Set attack time long to retain attack response. In order to use as a limiter, set attack time short. For long attack time, turn it CW.

④ RELEASE (release time control)

This control adjusts the time that it takes to uncompress output signal after input signal is under threshold level. Release time is the amount of time that it takes gain to increase by 20dB once input signal falls below threshold level. 140mSec to 700mSec can be selected. For typical sound creating, set release time short. For long sustain or to keep the overall output signal within a finite dynamic range, set it long. Turn it CW for long release time.

⑤ GAIN (gain control)

Controls output level. When strong compression is set by THRESHOLD and RATIO, output level goes down. (Fig. 3) Turn GAIN control knob CW to achieve unity gain with bypassed signal. Output level can be boosted up to +30dB so that when the ratio is 1:1, it can be used as a clean booster.

⑥ REDUCTION LED (reduction indicator)

The LED lights when output level is compressed more than +4dB vs. input level.

Fig.1 THRESHOLD

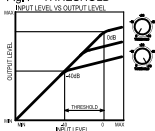


Fig.2 RATIO

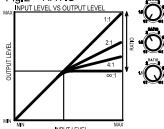
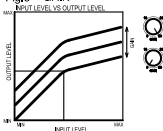



Fig.3 GAIN



⑦ DC INPUT (power input jack)

A jack to connect the provided AC adaptor (AC2009).

 Be sure that guitar amplifier is turned down before connecting / disconnecting the AC2009 power plug or DC plug.

* It takes 1-2 min. warm-up time for tube to reach stable temperature for consistent tone.

⑧ FOOTSWITCH (EFFECT / BYPASS)

Switch for effect/bypass. Stepping on this switch alternately turns effects on and off.

⑨ INPUT (input jack)

Input jack to connect to the output of guitar, other effects or related equipment.

⑩ OUT PUT (output jack)

Output jack to connect to the input of amplifier or other effects.

⑪ INDICATOR

This indicates the effect / bypass status. After AC adaptor is connected, it lights when effect is on with footswitch.

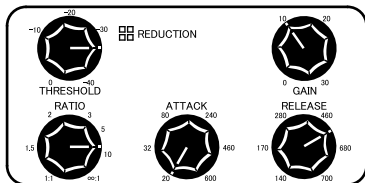
* Tube heater always slightly lights when AC adaptor is connected.

SAMPLE SETTING

RTC600

JP Version

Please visit www.maxon.co.jp to listen to audio samples.

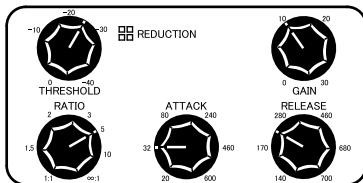


No.1 BASS (finger picking)

RTC600 is also good for bass guitar with its clear, wide-range compression. Use this setting for long tone of bass guitar. This setting makes your phrase bolder and more stable.

GUITAR: Fender Jazz Bass

AMP: Blackstar

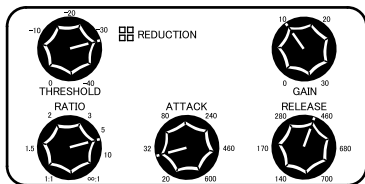


No.3 Comp enhanced

Straight sound of Single PU guitar plus RTC600. Adds a subtle touch to entire sound.

GUITAR: Sugi guitars 496 CUSTOM

AMP: Blackstar

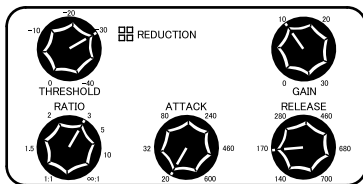


No.2 BASS (slap)

Gives punchy sound while retaining attack response of slap at the attack time of your choice.

GUITAR: Fender Jazz Bass

AMP: Blackstar



No.4 Chord cutting

Standard setting for a compressor. Enhances percussive rhythm. Provides distinctive compression sound of RTC600.

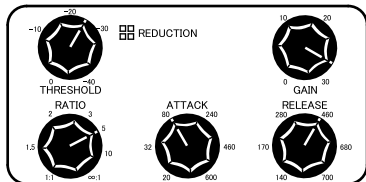
GUITAR: Fender Stratocaster

AMP: Blackstar

SAMPLE SETTING

US Version

RTC600 REAL TUBE COMPRESSOR SETTINGS FOR BASS

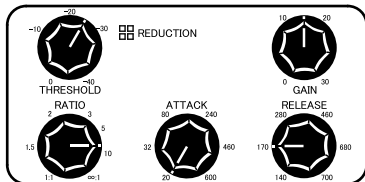


No.5 Bass Tube Grind

This setting gave me a dirty, aggressive bass tone that reminded me of playing through a hard-working tube amp like an Ampeg SVT, etc.

GUITAR: 80's MusicMan Sabre

AMP: GK MB150E

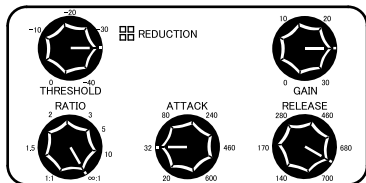


No.7 Fingerstyle Compression

I felt that this setting worked nice for faster, fingerstyle playing

GUITAR: 80's MusicMan Sabre

AMP: GK MB150E



No.6 Brick Wall Limiter

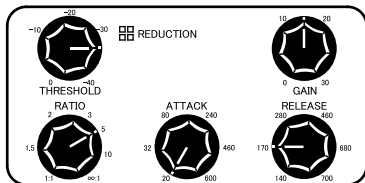
Immediate and extreme compression

Bass: 80's MusicMan Sabre

Amp: Aguilar AG500

GUITAR: 80's MusicMan Sabre

AMP: GK MB150E



No.8 Vintage "Spongy" Compression

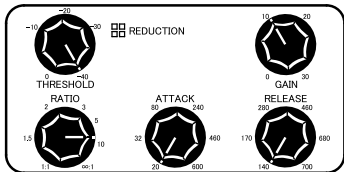
This setting was good for very light pick attack, and produce a very warm, round tone that reminded me of vintage tube amps like B-15, etc.

GUITAR: 80's MusicMan Sabre

AMP: GK MB150E

SAMPLE SETTING

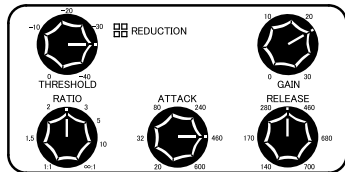
Each individual clean setting was recorded with the same guitar and amp settings as below, but without the RTC600 engaged.



No.9 CLASSIC COUNTRY TELECASTER TONE
High compression ratio with fast attack / release to recreate classic Nashville "Tele Twang"

GUITAR- TOKAI TELECASTER (MIDDLE POSITION)
AMP- 1966 FENDER PRINCETON BLACK FACE 1X12 G10S-59

AMP SETTING- VOLUME @ 5, TREBLE @ 7, BASS @ 6;
NOTE***THESE NUMBERS ARE THE ACTUAL KNOB NUMBERS***

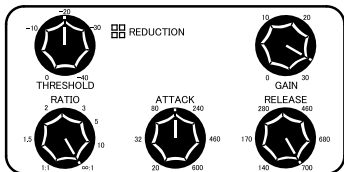


No.11 CRISP RHYTHM

Mild compression boosts lower level notes to create punchy rhythm tone with strong presence

GUITAR- TOKAI TELECASTER (BRIDGE POSITION)
AMP- 1966 FENDER PRINCETON BLACK FACE 1X12 G10S-59

AMP SETTING- VOLUME @ 5, TREBLE @ 7, BASS @ 6;
NOTE***THESE NUMBERS ARE THE ACTUAL KNOB NUMBERS***



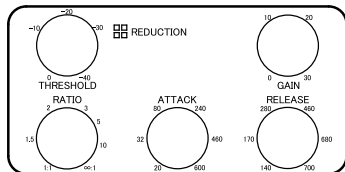
No.10 OVERDRIVEN ROCK TONE

Use RTC600 at gain setting to overdrive tube amplifier input

GUITAR- 1992 GIBSON LES PAUL CUSTOM (BRIDGE PICKUP)

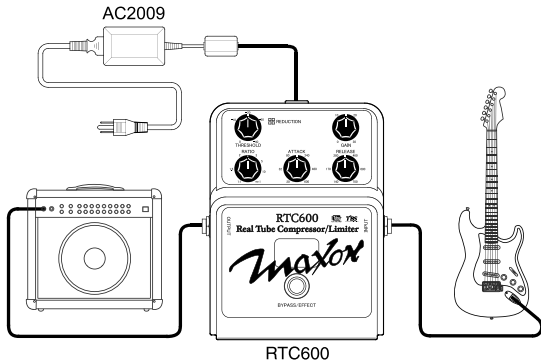
AMP - MARSHALL JCM 800 100 WATT THRU 1960 4X12 CAB WITH 75 WATT CELESTIONS

AMP SETTING- PRESENCE 12, BASS 12 o'clock, TREBLE 12 o'clock, MASTER 8 o'clock, PREAMP 9 o'clock



Setting memo

CONNECTION DIAGRAM



SPECIFICATIONS

Input Impedance	: 500k ohms
Output Impedance	: 10k ohms
Maximum Output Level	: +20dBu (at 1kHz)
Residual Noise	: -94dBu or less (Input shorted, IHF-A weighted)
T.H.D.+N	: 0.02% or less (at 1kHz, -10dBu output)
	: THRESHOLD 0dBu to -40dBu
	: RATIO 1:1 to infinity:1
	: GAIN 0dB to +30dB
	: ATTACK (for 20dB gain decrease) 20mSec to 600mSec
	: RELEASE (for 20dB gain increase) 140mSec to 700mSec
Switch	: BYPASS/EFFECT (Mechanical True Bypass using 4PDT switch)
I/O	: INPUT JACK, OUTPUT JACK, DC INPUT JACK
Indicator	: BYPASS/EFFECT LED
	: REDUCTION LED (When REDUCTION LED lights, compression is more than 4dB.)
Internal Circuit Voltage	: ±12.5V(DC to DC Converter)
Power Consumption	: 240mA/9VDC
Dimensions	: 121(W)×152(D)×60(H)mm (with protrusion)
Weight	: Approx. 580g (without AC adaptor)
Power Supply	: AC adaptor AC2009
Accessory	: AC adaptor AC2009

* 0dBu=0.775Vrms

* All specifications are subject to change for improvement without notice or obligation.

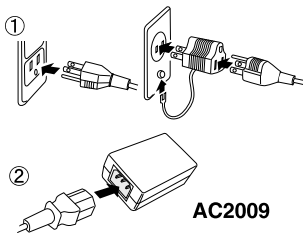
RTO700 Real Tube Overdrive

- RTO700 is an overdrive effect pedal with a real double triode tube.
- Clipping diode is not used for RTO700. Long sustain with tight and dynamic picking control can be generated by a tube and high-gain amp.
- Your favorite tone can be created with just 3 controls.
- Employs NR with high-performance VCA (voltage controlled amplifier) to cut harsh noise. Variable threshold level makes your own setting easier. NR ON/OFF is selectable.
- Employs NR status LED for easily viewable setting. The LED lights when noise decreases. NR status can be checked with the LED during performance.

FEATURES AND CONTROLS

AC2009 (AC Adaptor)

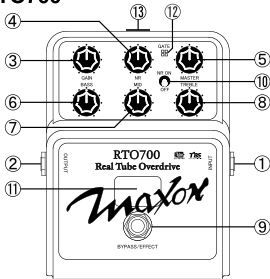
- ① AC2009 power plug should be connected to AC outlet with ground. If you do not have AC outlet with ground, use a 2-pin adaptor. Connect green/yellow (or green) ground wire of 2-pin adaptor to ground terminal of the AC outlet. Be sure that guitar amplifier is turned off before connecting / disconnecting the AC2009 power plug.
- ② Connect the power cord plug to the inlet of AC2009. Be sure that guitar amplifier is turned down before connecting / disconnecting the power cord plug.



RTO700

- ① INPUT (input jack)
Input jack to connect to the output of guitar, other effects or related equipment.
- ② OUTPUT (output jack)
Output jack to connect to input of amplifier or other effects.
- ③ GAIN
Controls gain level. Turn it CW for more gain.
- ④ NR (noise reduction)
Controls noise reduction. Turn it CW for more noise reduction. Turn it CCW for less noise reduction. This works when ⑩ NR ON / OFF switch is ON.
- ⑤ MASTER (master level)
Controls effected output volume. Set this to have the same volume in bypass tone and effected tone.
- ⑥ BASS
Controls low range. Turn it CW for more lows. Turn it CCW to cut low range.

RTO700



- 9VDC supplied from AC adaptor is bumped up to 12.6V and stabilized by a DC to DC voltage converter and then supplied to circuit.
- When power is turned on, tube heater inrush current control circuit extends tube life.
- TBS (True Bypass Switching) using 4PDT mechanical switch.
- AC adaptor AC2009 can be used worldwide from 100VAC to 240VAC by auto voltage sensing. Main countries' safety standard approved.
- FCC Part 15 compliant. RoHS compliant. Made in Japan with confidence.

⑦ MID

Controls mid-range. Turn it CW for more mids. Turn it CCW to cut mid-range.

⑧ TREBLE

Controls high range. Turn it CW for more highs. Turn it CCW to cut high range.

⑨ FOOTSWITCH

TBS footswitch for effect/bypass. Stepping on this switch alternately turns effects on and off.

⑩ NR ON/OFF

Turning on this switch activates the noise reduction and NR threshold volume to cancel unwanted noise when no or little guitar signal comes out. When this switch is on, ④ and ⑫ can operate.

⑪ INDICATOR

This indicates the effect/bypass status. After AC adaptor is connected, it lights when effect is on

with footswitch.

⑫ GATE INDICATOR

This indicates noise reduction status. It lights when noise reduction is working.

* It might also light even at bypass status when 10. NR ON/OFF switch is on.

⑬ DC INPUT (power input jack)

Jack for connection of external power supply to effect.

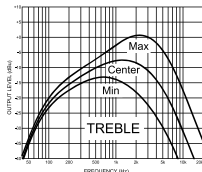
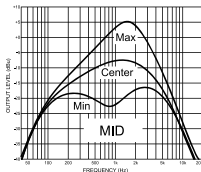
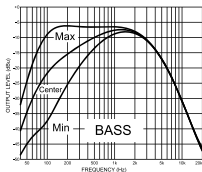


Be sure to use the correct Maxon AC adaptor.

* Turn down amplifier's volume to the minimum before connecting AC adaptor or DC plug to the product in order not to damage other connected equipment.

* It takes 1 - 2 min. warm-up time for tube to reach stable temperature for consistent tone.

RTO700 Tone

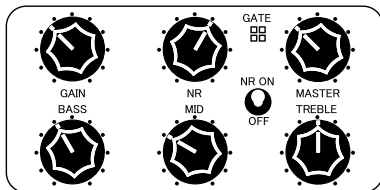


SAMPLE SETTING

RTO700

Please visit www.maxon.co.jp to listen to audio samples.

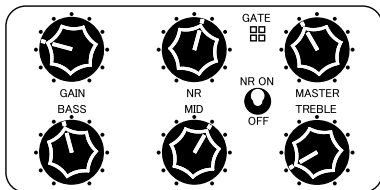
JP Version



No.1 Tweed Crunch

(Amp: Clean / G: Single PU / NR ON)

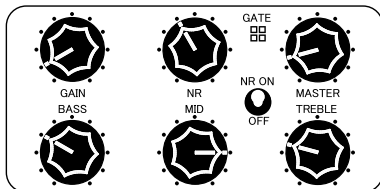
Natural and retro-flavored tube crunchtone like vintage tweed amp with high volume. You can change transistor amp tone into vintage tone with this setting.



No.3 Solo Boost

(Amp: Crunch / G: Single or Humbucking PU / NR ON)

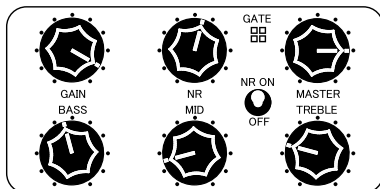
Adds overdrive for solo retaining amp crunch tone to power up the level. Better to set GAIN control taking an appropriate balance with amp.



No.2 Classic OD

(Amp: Clean / G: Humbucking PU / NR ON)

This setting replicates natural tone of old British combo. Light distortion and natural sustain are available.



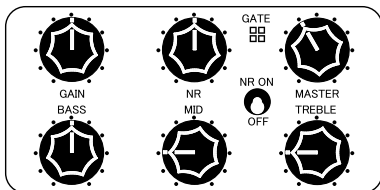
No.4 Modern OD

(Amp: Clean / G: Humbucking PU / NR ON)

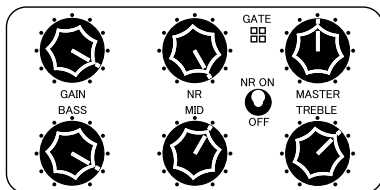
Changes clean sound into overdrive sound of high-gain stack amp. Real tube offers good overdrive sound in harmony with amp sound.

SAMPLE SETTING

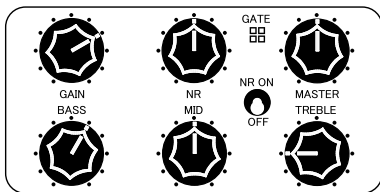
US Version (AMP: Marshall JCM 800 / G: Gibson Les Paul CUSTOM)



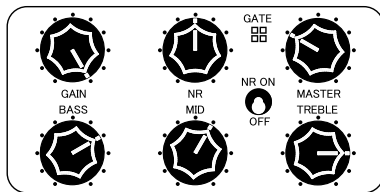
No.5 Tight Rock Tone (NR OFF)
Classic tube saturation focused in midrange for increased note definition.



No.7 Noise Gate Chugs ON/OFF (NR ON)
Demonstrates noise reduction function at highest threshold setting for ultra-tight note gating.



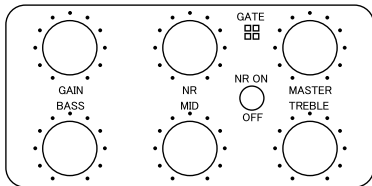
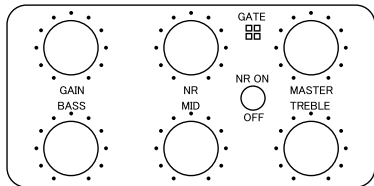
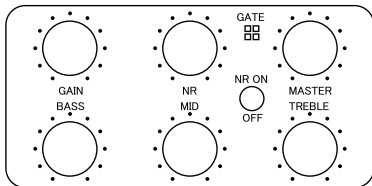
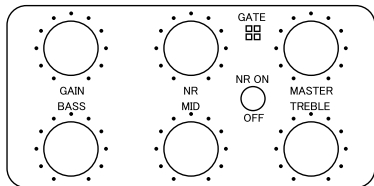
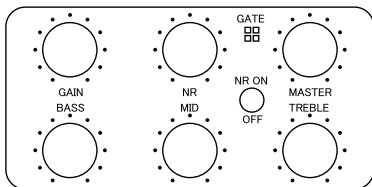
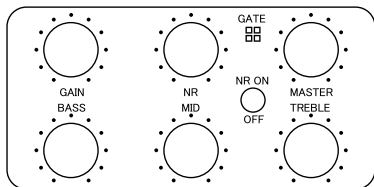
No.6 Crunchy Rhythm Tone (NR OFF)
Full-bodied crunch tone with ultra presence in high frequency range.



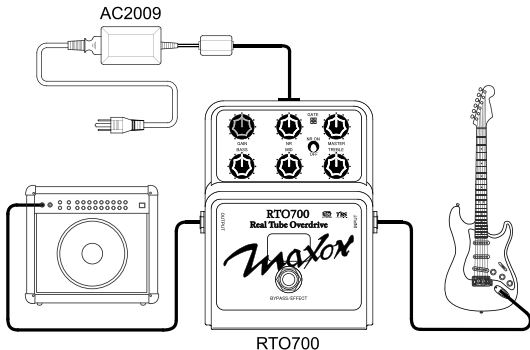
No.8 Tight Rhythm Tone (NR OFF)
Thick warm tube saturation. Great for rhythm chording.

No.9 Creamy Lead Tone (NR OFF)
Switching to neck pickup on Setting No.8 creates rich, creamy Southern rock style lead tone.

Setting memo



CONNECTION DIAGRAM



SPECIFICATIONS

Input Impedance	: 500k ohms
Output Impedance	: 10k ohms
Maximum Gain	: 72dB (1.8kHz)
Equivalent Input Noise	: -102dBu or less (Input shorted, IHF-A weighted)
Control	: GAIN, NR, MASTER, BASS, MID, TREBLE
Switch	: BYPASS/EFFECT (Mechanical 4PDT), NR ON/OFF
I/O	: INPUT JACK, OUTPUT JACK, DC INPUT JACK
Indicator	: BYPASS/EFFECT LED, GATE LED
Internal Circuit Voltage	: 12.6VDC (DC to DC Converter)
Power Consumption	: 400mA / 9VDC
Dimensions	: 121(W)×152(D)×60(H)mm (with protrusion)
Weight	: Approx. 600g (without power supply)
Power Supply	: AC adaptor AC2009
Accessory	: AC adaptor AC2009

* 0dBu = 0.775Vrms

* All specifications are subject to change for improvement without notice or obligation.

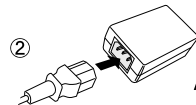
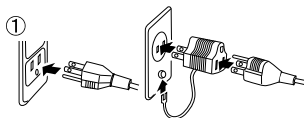
RTD800 Real Tube Overdrive / Distortion

- RTD800 is an overdrive/distortion effect pedal with a real double triode tube.
- Employs two independent circuits, one each for overdrive and distortion. Wide range of tube sound from traditional overdrive to metallic distortion can be easily created.
- Boost circuit boosts output level by approx. 5dB. (factory default setting) Boost level is variable (3dB to 9dB). With BOOST switch, solos and rhythms can be instantly changed. BOOST LED lights when BOOST switch is on.
- Your favorite tone can be created with just 3 controls.
- Employs NR with high-performance VCA (voltage controlled amplifier) to cut harsh noise. Variable threshold level makes your own setting easier. NR ON/OFF is selectable.

FEATURES AND CONTROLS

AC2009 (AC Adaptor)

- ① AC2009 power plug should be connected to AC outlet with ground. If you do not have AC outlet with ground, use a 2-pin adaptor. Connect green / yellow (or green) ground wire of 2-pin adaptor to ground terminal of the AC outlet. Be sure that guitar amplifier is turned off before connecting / disconnecting the AC2009 power plug.
- ② Connect the power cord plug to the inlet of AC2009. Be sure that guitar amplifier is turned down before connecting / disconnecting the power cord plug.

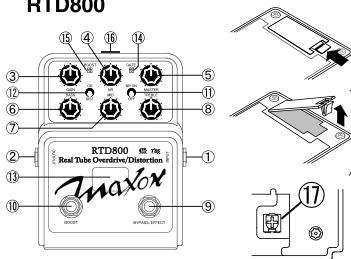


AC2009

RTD800

- ① INPUT (input jack)
Input jack to connect to the output of guitar, other effects or related equipment.
- ② OUTPUT (output jack)
Output jack to connect to input of amplifier or other effects.
- ③ GAIN
Controls gain level. Turn it CW for more gain.
- ④ NR (noise reduction)
Controls noise reduction. Turn it CW for more noise reduction. Turn it CCW for less noise reduction. This works when ⑪ NR ON/OFF switch is ON.
- ⑤ MASTER (master level)
Controls effected output volume. Set this to have the same volume in bypass tone and effected tone.
- ⑥ BASS
Controls low range. Turn it CW for more lows. Turn it CCW to cut low range.
- ⑦ MID
Controls mid-range. Turn it CW for more mids. Turn it CCW to cut mid-range.

RTD800



- Employs NR status LED for easily viewable setting. The LED lights when noise decreases. NR status can be checked with the LED during performance.
- 9VDC supplied from AC adaptor is bumped up to 12.6V and stabilized by a DC to DC voltage converter and then supplied to each circuit.
- When power is turned on, tube heater inrush current control circuit extends tube life.
- TBS (True Bypass Switching) using 4PDT mechanical switch.
- AC adaptor AC2009 can be used worldwide from 100VAC to 240VAC by auto voltage sensing. Main countries' safety standard approved.
- FCC Part 15 compliant. RoHS compliant. Made in Japan with confidence.

⑧ TREBLE

Controls high range. Turn it CW for more highs. Turn it CCW to cut high range.

⑨ BYPASS/EFFECT SWITCH

TBS footswitch for bypass/effect. Stepping on this switch alternately turns effects on and off.

⑩ BOOST SWITCH

Footswitch to boost the output level. Stepping on this switch alternately turns boost and BOOST LED on and off.

⑪ NR ON/OFF

Turning on this switch activates the noise reduction and NR threshold volume to cancel unwanted noise when little or no guitar signal comes out. When this switch is on, ④ and ⑭ can operate.

⑫ OD/DIST SWITCH

Switches between Overdrive and Distortion modes.

⑬ INDICATOR

This indicates the effect/bypass status. After AC adaptor is connected, it lights when effect is on with footswitch.

⑭ GATE INDICATOR

This indicates noise reduction status. It lights when noise reduction is working.

* It might also light even at bypass status when 11. NR ON/OFF switch is on.

⑮ BOOST INDICATOR

It lights when BOOST switch is on.

* It also lights every time you press BOOST SWITCH even at bypass status.

⑯ DC INPUT (power input jack)

Jack for connection of external power supply to effect. Be sure to use the correct Maxon AC adaptor.



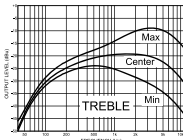
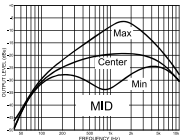
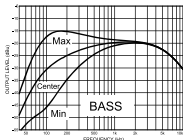
* Turn down amplifier's volume to the minimum before connecting AC adaptor or DC plug to the product in order not to damage other connected equipment.

* It takes 1–2 min. warm-up time for tube to reach stable temperature for consistent tone.

⑰ TRIM POT for BOOST

TRIM POT is installed inside the trim pot compartment. It controls the amount of boost when BOOST SWITCH is on. Middle position (factory default setting) for approx. 5dB boost. Fully CCW position for approx. 3dB boost. Fully CW position for approx. 9dB boost.

RTD800 Tone (Distortion Mode)

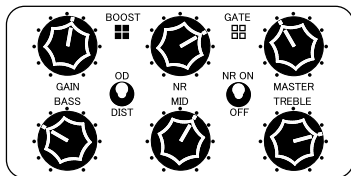


SAMPLE SETTING

RTD800

Please visit www.maxon.co.jp to listen to audio samples.

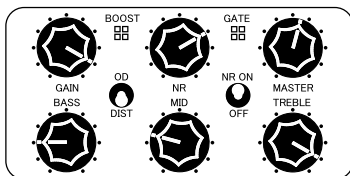
JP Version



No. 1 Fat & Smooth

(Amp: Clean / G: Single PU / OD mode / NR ON / BOOST ON)

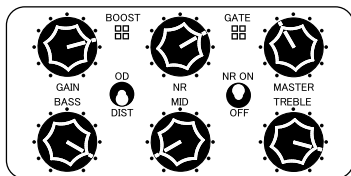
This setting changes clean sound into fat and smooth overdrive tone. Based on creamy overdrive sound, it accentuates the sound with BOOST ON. Adjust TREBLE control depending on your guitar.



No.3 2-Mode Distortion

(Amp: Overdrive / G: Humbucking PU / DIST mode / NR ON / BOOST OFF)

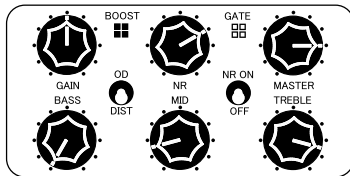
Amp distortion sound plus additional distortion character of RTD800. Use 2 types of distortion creatively by switching BYPASS/EFFECT footswitch. Select your guitar tone in contrast with amp sound.



No.2 '80s sound

(Amp: Crunch / G: Single PU / DIST mode / NR ON / BOOST OFF)

Amp crunch sound plus RTD800 makes a powerful overdrive sound of stack amp. Better to set MID control lower.



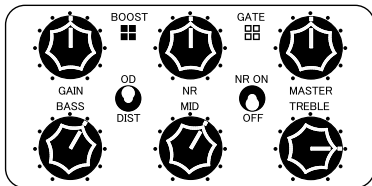
No.4 Classic Distortion

(Amp: Clean / G: Humbucking PU / DIST mode / NR OFF / BOOST ON)

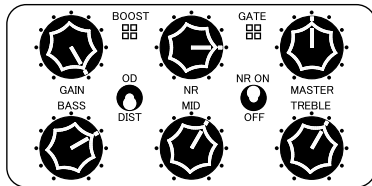
Unique setting to create retro-flavored distortion like '60s fuzz. Distinct distortion with low range cutoff. Better to turn down your guitar tone a little.

SAMPLE SETTING

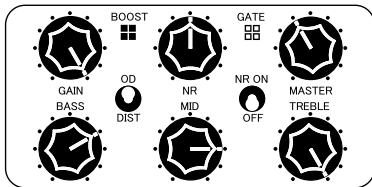
US Version (AMP: Marshall JCM 800 / G: Gibson Les Paul CUSTOM)



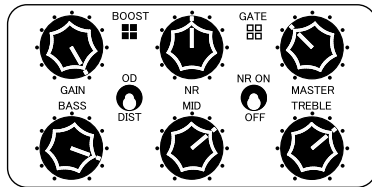
No.5 70's Rock Overdrive
(OD mode / NR OFF / BOOST ON)
Harmonic saturation yields classic 70's style overdrive. Engage Boost function for lead tone.



No.7 Tight Rhythm Tone (NR ON)
(DIST mode / NR ON / BOOST OFF)
Noise gate set at maximum to create a super-tight, percussive rhythm tone.

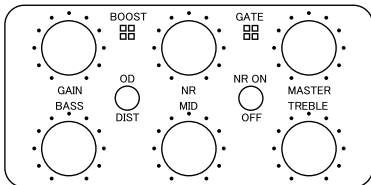
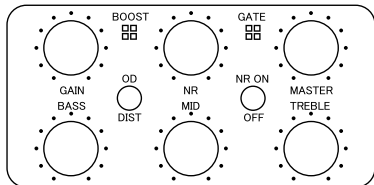
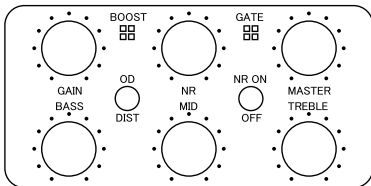
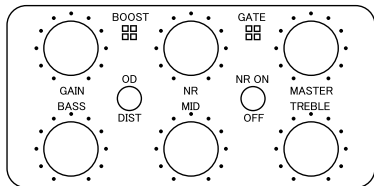
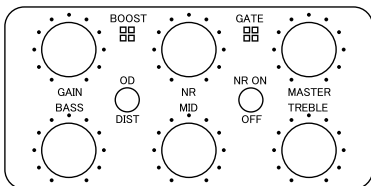
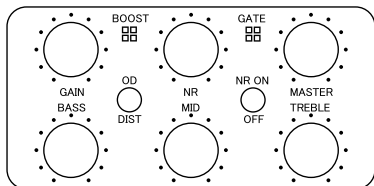


No.6 Modern Overdrive
(OD mode / NR OFF / BOOST ON)
Full-bodied, modern high-gain tone for alternative rock, grunge, etc.

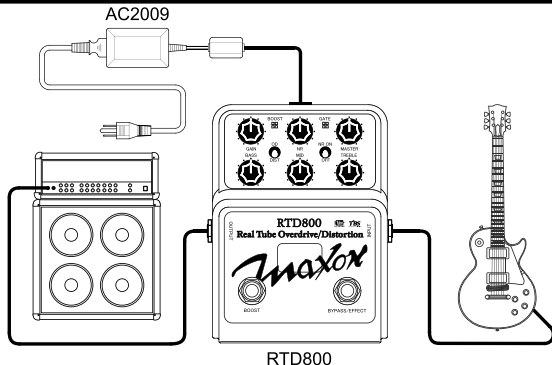


No.8 Metal Rhythm Tone
(DIST mode / NR OFF/ BOOST ON)
Maximum gain setting for harmonically rich, slightly compressed metal guitar tone.

Setting memo



CONNECTION DIAGRAM



SPECIFICATIONS

Input Impedance	: 500k ohms
Output Impedance	: 10k ohms
Maximum Gain	: 75dB (1.5kHz)
Equivalent Input Noise	: -110dBu or less (Input shorted, IHF-A weighted)
Control	: GAIN, NR, MASTER, BASS, MID, TREBLE
Switch	: BYPASS/EFFECT (Mechanical 4PDT), BOOST ON/OFF, NR ON/OFF, OD/DIST
I/O	: INPUT JACK, OUTPUT JACK, DC INPUT JACK
Indicator	: BYPASS/EFFECT LED, BOOST LED, GATE LED
Internal Circuit Voltage	: 12.6VDC (DC to DC Converter)
Power Consumption	: 440mA / 9VDC
Dimensions	: 121(W)×152(D)×60(H)mm (with protrusion)
Weight	: Approx. 620g (without power supply)
Power Supply	: AC adaptor AC2009
Accessory	: AC adaptor AC2009

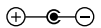
* 0dBu = 0.775Vrms

* All specifications are subject to change for improvement without notice or obligation.

ATTENTION:

- Turn down the volume of effect and amplifier to the minimum before connecting Maxon effects to guitar, amplifier or other effects in order not to damage other connected equipment by unintended noise.
- Be sure to use the correct Maxon AC adaptor. Use of any other adaptor may cause trouble.
- Do not try to remove screws.

Optional accessories: Maxon AC adaptor

model name	input	output	country	polarity
AC2009*1	100VAC to 240VAC	9VDC/2000mA	worldwide	 center-/sleeve+

*1 Plug type of AC2009 varies with the suffix as shown below.
Please specify exact model (like AC2009AN, AC2009C) when ordering.

suffix	country	suffix	country
AN	Australia, New Zealand	U	Austria, Belgium, Denmark, Finland, France, Germany, Italy, Netherlands, Norway, Sweden, Switzerland, etc.
C	China	UK	UK
J	Japan		
K	South Korea		
N	USA, Canada		



If you want to dispose this product, do not mix with general household waste.

There is a separate collection system for used electronics products in accordance with legislation under the WEEE Directive (Directive 2002/96/EC) and is effective only within European Union.

FCC Class B Equipment, United States Only.

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

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment causes harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try correct the interference by one or more of following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit that is different from that to which the receiver is connected.
- Consult the dealer or an experienced radio or television technician for help.

Declaration of Conformity for Products Marked with the FCC Logo, United States Only.
This device complies with Part 15 of FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.



For questions regarding this FCC declaration, contact us by mail, phone or e-mail:
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Godlyke, Inc. P.O. Box 3076 Clifton, NJ 07012 USA

Phone: 973-777-7477

E-mail: info@godlyke.com

MAXON / NISSHIN ONPA CO., LTD.

E-mail: sales@maxon.co.jp

To identify this product, refer to the model number found on the product.

Maxon shall not be held liable to you or any third party for any losses caused by incorrect operation of this equipment, malfunction or any other failure of this equipment to operate as expected, or normal use of this equipment, except to the extent stipulated by law.

Maxon shall not be held liable to you or any third party for any losses related to concerts, exhibitions, or any other type of event due to malfunction or incorrect operation of this equipment.



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All specifications are subject to change for improvement without notice or obligation.

Sample setting by Shiro Tanigawa, P.J. Zitarosa and Kevin Bolembach.

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UMN-VTG-0105A

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