

Optional accessories :

Maxon AC210N-Input : AC120V Output : DC9V/200mA(center-/sleeve +)

Maxon AC210U-Input : AC220V Output : DC9V/200mA(center-/sleeve +)

Maxon AC210 -Input : AC100V Output : DC9V/200mA(center-/sleeve +)

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.

Make it your favorite for a long time.



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ALL SPECIFICATIONS ARE SUBJECT TO CHANGE FOR IMPROVEMENT WITHOUT NOTICE OR OBLIGATION.

Sample setting by Shiro Tanigawa

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User's Guide

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◆SAFETY PRECAUTIONS◆

Be sure to read these precautions before use for your safe use of the equipment.

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



UMN-FSE-0301B

SAFETY PRECAUTIONS

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.



..... This icon indicates something you should be careful about.



..... These icons indicate something you should not do.



..... These icons indicate something you must do.

WARNING



Never disassemble

NEVER OPEN THE CASE

- Never try to remove the bottom cover except for battery replacement. An internal component of the equipment uses 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.
- Immediately unplug AC adaptor from the power source.
- Contact your original dealer or nearest authorized service provider for service.



Unplug

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 for AC120V specified in this User's Guide. Use of non-specified AC adaptors can create 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.



Unplug

LEAVING THE EQUIPMENT UNATTENDED

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

D&S II DISTORTION & SUSTAINER II

Features of D&S II

- Soft type distortion for thick, heavy tone and relaxed natural sustain.
- D&S II produces a wide range of distortion sounds, from warm tone characteristic of tube amplifier overdrive to aggressive distortion.

- Easy-to-see LED enables you to check the effects ON/OFF and battery condition at a glance.
- Two types of power supply - 9V battery or special AC adaptor.

D&S II FEATURES AND CONTROLS

① **DISTORTION** (Distortion Control)
Controls distortion and sustain level. Rotate this volume clockwise for more distortion and sustain.

② **TONE** (Tone Control)
Controls effect tone. Rotate this volume clockwise to emphasize middle and high tone range.

③ **BALANCE** (Balance Control)
Controls output level of effected tone. Typically output levels of both normal tone and effected tone should be adjusted to equal levels.

④ **FOOT SWITCH**
(Normal/Effect Switch)
Switch for effect on/off. Stepping on this switch alternately turns effect on (LED on) and off (LED off).

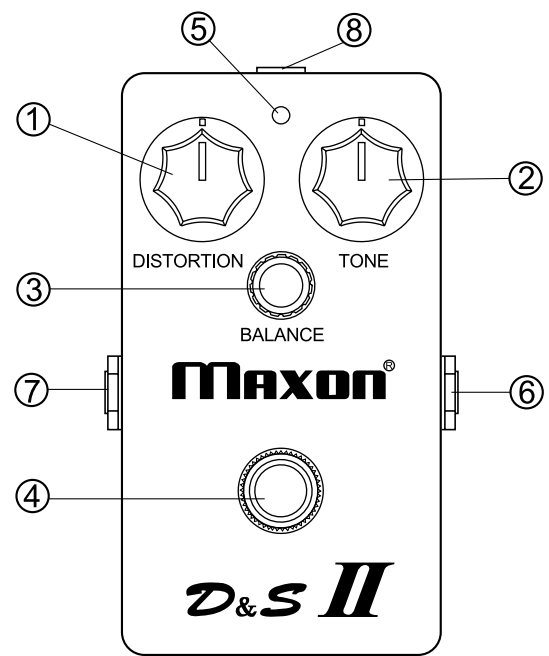
⑤ **INDICATOR** (LED Indicator)
It lights on when effects are on and lights off when effects are off. It also indicates battery condition. Dark or no

LED light indicates the battery is low or not installed. Replace the battery.

⑥ **INSTRUMENT** (Instrument Jack)
Input jack to connect to the output of guitar, other effects or related equipment. The product automatically turns on when you put a plug into this jack. Pull out the plug when not in use.

⑦ **AMPLIFIER** (Amplifier Jack)
Output jack to connect to the input of amplifier or other effects.

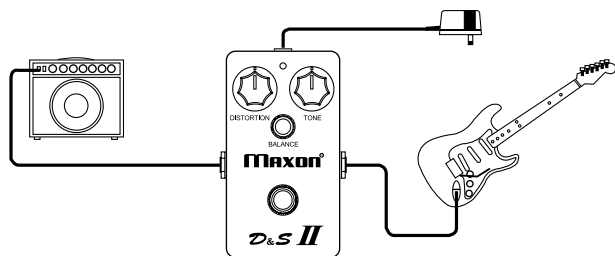
⑧ **DC IN** (Power Input Jack)
A jack to connect AC adaptor.



D&S II

D&S II

CONNECTION DIAGRAM



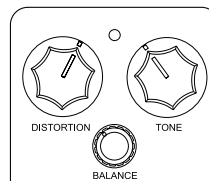
D & S II (DISTORTION & SUSTAINER II)

SPECIFICATIONS

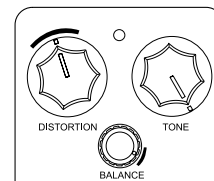
- Input Impedance : 500K Ω
- Input Jack : 1/4-inch standard phone jack
- Output Impedance : 10K Ω
- Output Jack : 1/4-inch standard phone jack
- Control : DISTORTION, TONE, BALANCE
- Switch : normal / effect
- Equivalent Input Noise : -110dBu (IHF-A)
- Maximum Gain : 40dB
- Power Supply : One 9V battery or Maxon AC adaptor (option)
- Power Requirements : DC9-10V
- Current Consumption : 7mA (9V) / 8mA (10V)
- Dimensions (main body) : 61mm(W) x 112mm(D) x 35mm(H)
- Dimensions (overall) : 70mm(W) x 112mm(D) x 55mm(H)
- Weight : 290g
- Standard Accessories : 9V manganese dry battery x 1, skid x 1

※ (0dBu=0.775Vrms)

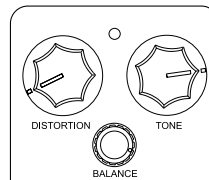
SAMPLE SETTING



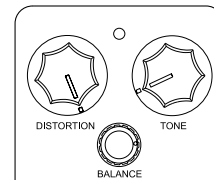
D&S II No.1 (for single-coil pickup)
Setting for solid boost sound with your amplifier's original character preserved.



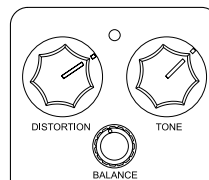
D&S II No.4
High gain type distortion to boost amplifier's drive. Adjust the balance between amplifier's gain volume and D&S II's DISTORTION.



D&S II No.2 (for humbucking pickup)
Setting for solid boost sound with your amplifier's original character preserved.



D&S II No.5
Fat and heavy distortion particular to D&S II. TONE can be adjusted for fuzz-like sound.



D&S II No.3
Easy-to-control setting to simulate tube amplifier distortion.

PT999 PHASE TONE

- Low-noise design with wide dynamic range for live and recording. It's for all kinds of electric instruments like guitar, bass and keyboard.
- You can produce various sounds with only one control volume (speed) - from clear and mild phase tone that

Features of PT999

- gives your sound a subtle flavor to radically rolling phase sound.
- Easy-to-see LED enables you to check the effects ON/OFF and battery condition at a glance.
- Two types of power supply - 9V battery or special AC adaptor.

PT999 FEATURES AND CONTROLS

① SPEED (Speed Control)

Controls modulation rate. Rotate this volume clockwise to increase modulation rate.

② NORMAL/PHASE SHIFT

(Normal/Effect Switch)

Switch for effect on/off. Stepping on this switch alternately turns effects on (LED on) and off (LED off).

③ INDICATOR (LED Indicator)

It lights on when effects are on and lights off when effects are off. It also indicates battery condition. Dark or no LED light indicates the battery is low or not installed. Replace the battery.

④ INSTRUMENT (Instrument Jack)

Input jack to connect to the output of guitar, other effects or related equipment. The product automatically turns on when you put a plug into this jack. Pull out the plug when not in

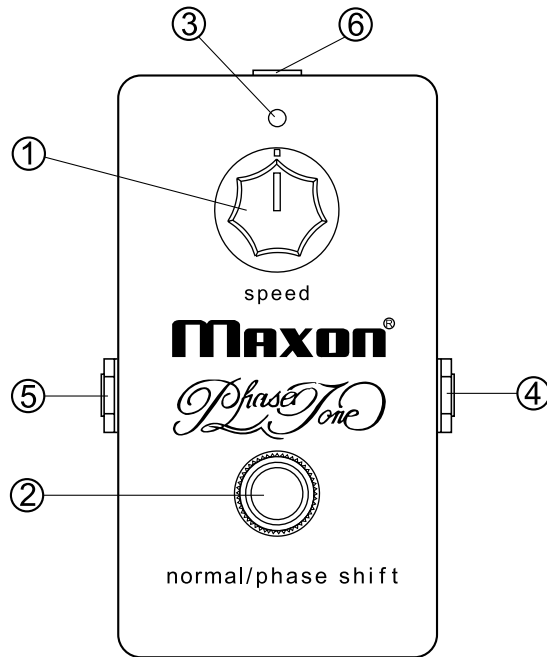
use.

⑤ AMPLIFIER (Amplifier Jack)

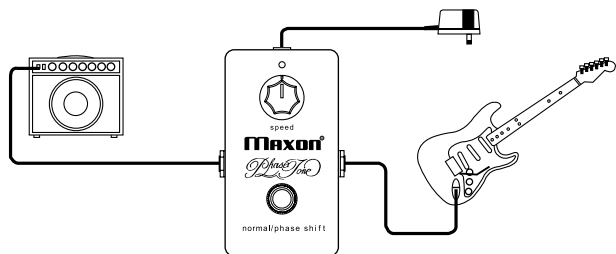
Output jack to connect to the input of amplifier or other effects.

⑥ DC IN (Power Input Jack)

A jack to connect AC adaptor.



CONNECTION DIAGRAM



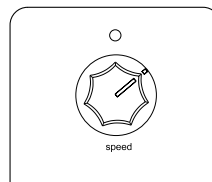
PT999 (PHASE TONE)

SPECIFICATIONS

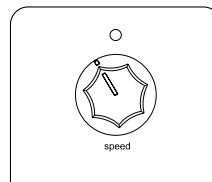
- Input Impedance : 500K Ω
- Input Jack : 1/4-inch standard phone jack
- Output Impedance : 10K Ω
- Output Jack : 1/4-inch standard phone jack
- Control : SPEED
- Switch : normal / effect
- Maximum Input Level : 0dBu
- Equivalent Input Noise : -80dBu(IHF-A)
- Speed Range : 0.2Hz - 14Hz
- Power Supply : One 9V battery or Maxon AC adaptor (option)
- Power Requirements : DC9-10V
- Current Consumption : 12mA (9V) / 14mA (10V)
- Dimensions (main body) : 61mm(W) x 112mm(D) x 35mm(H)
- Dimensions (overall) : 70mm(W) x 112mm(D) x 55mm(H)
- Weight : 270g
- Standard Accessories : 9V manganese dry battery x 1, skid x 1

※ (0dBu=0.775Vrms)

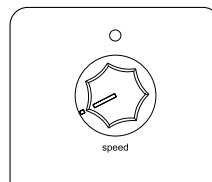
SAMPLE SETTING



PT999 No.1
Blues phasing to add to overdriven sound.



PT999 No.2
Best phasing sound for sixteen beat rhythm play.



PT999 No.3
Subtle phasing timbre to make your solo thick and smooth in distortion sound.

CP101 COMPRESSOR

- Clean and natural compression effects with little change of original tone.
- Limiter-like effects for evenly leveled rhythm cutting sound. Tasteful pick attack and relaxed sustain for lead guitar. It's great for bass guitar and semi-acoustic guitar

Features of CP101

- as well.
- Easy-to-see LED enables you to check the effects ON/OFF and battery condition at a glance.
- Two types of power supply - 9V battery or special AC adaptor.

CP101 FEATURES AND CONTROLS

① SUSTAIN (Sustain Control)

Controls sustain time of each pick attack. Rotate this volume clockwise for deep compression and long sustain.

② LEVEL (Level Control)

Controls output level of effected tone. Typically output levels of both normal tone and effected tone should be adjusted to equal levels.

③ NORMAL / EFFECT (Normal / Effect Switch)

Switch for effect on/off. Stepping on this switch alternately turns effects on (LED on) and off (LED off).

④ INDICATOR (LED Indicator)

It lights on when effects are on and lights off when effects are off. It also indicates battery condition. Dark or no LED light indicates the battery is low or not installed. Replace the battery.

⑤ INSTRUMENT (Instrument Jack)

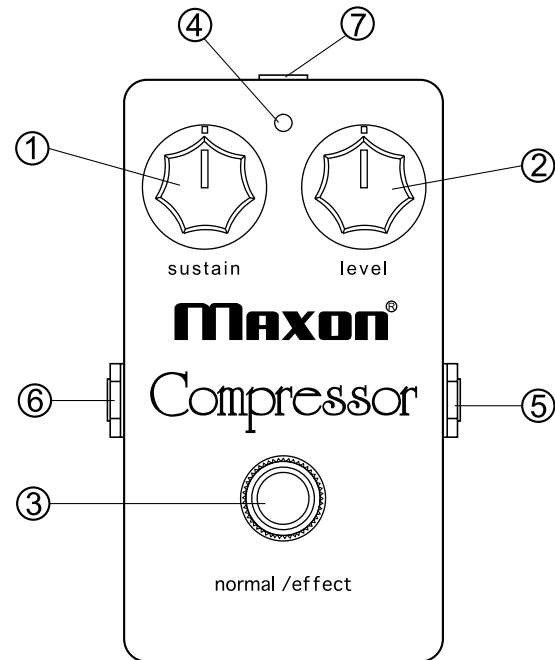
Input jack to connect to the output of guitar, other effects or related equipment. The product automatically turns on when you put a plug into this jack. Pull out the plug when not in use.

⑥ AMPLIFIER (Amplifier Jack)

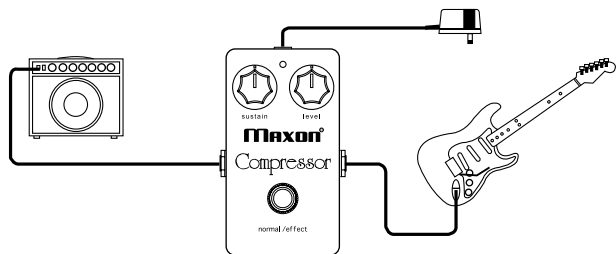
Output jack to connect to the input of amplifier or other effects.

⑦ DC IN (Power Input Jack)

A jack to connect AC adaptor.



CONNECTION DIAGRAM



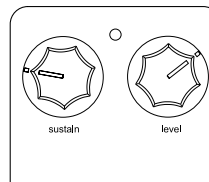
CP101 (COMPRESSOR)

SPECIFICATIONS

- Input Impedance : 500K Ω
- Input Jack : 1/4-inch standard phone jack
- Output Impedance : 10K Ω
- Output Jack : 1/4-inch standard phone jack
- Control : SUSTAIN, LEVEL
- Switch : normal / effect
- Maximum Input Level : 2dBu
- Maximum Output Level : 0dBu
- Equivalent Input Noise : -100dBu(IHF-A)
- Compression Range : 42dB
- Power Supply : One 9V battery or Maxon AC adaptor (option)
- Power Requirements : DC9-10V
- Current Consumption : 11mA (9V) / 12mA (10V)
- Dimensions (main body) : 61mm(W) x 112mm(D) x 35mm(H)
- Dimensions (overall) : 70mm(W) x 112mm(D) x 55mm(H)
- Weight : 270g
- Standard Accessories : 9V manganese dry battery x 1, skid x 1

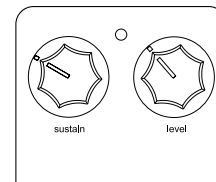
※ (0dBu=0.775Vrms)

SAMPLE SETTING



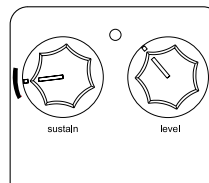
CP101 No.1

Setting for bass guitar and also for MTR. Attack tone in slapping can be adjusted by SUSTAIN volume.



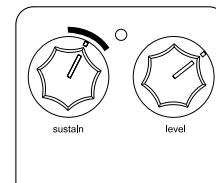
CP101 No.4

Setting for balanced attack of chord stroke both in drive and clean sound.



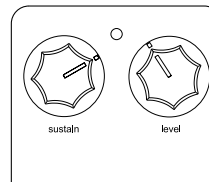
CP101 No.2

Setting for even attack of fingerpicking and arpeggio to get balanced tone. Also ideal for MTR.



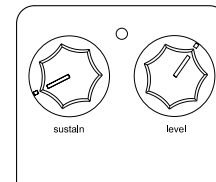
CP101 No.5

For smooth lead sound by adding CP101's sustain to amplifier's drive.



CP101 No.3

Setting for clean tone solo. It makes clean + sustain tone that is characteristic of compressor.



CP101 No.6

Setting to even out the chord riff attack in drive sound and arpeggio in clean sound.

CS505 STEREO CHORUS

Features of CS505

- Equipped with two outputs, CS505 creates thick, spacious and clear chorus sound for all kinds of electric musical instruments such as guitar, bass and keyboards.
- Built-in noise gate circuit for perfect noise reduction.

- Easy-to-see LED enables you to check the effects ON/OFF and battery condition at a glance.
- Two types of power supply - 9V battery or special AC adaptor.

CS505 FEATURES AND CONTROLS

① SPEED (Speed Control)

Controls modulation rate. Rotate this volume clockwise to increase modulation rate.

② WIDTH (Width Control)

Controls modulation depth. Rotate this volume clockwise for deep modulation. Modulation ceases when you rotate it counterclockwise till the end.

③ NORMAL / EFFECT

(Normal / Effect Switch)

Switch for effect on/off. Stepping on this switch alternately turns effects on (LED on) and off (LED off).

④ INDICATOR (LED Indicator)

It lights on when effects are on and lights off when effects are off. It also indicates battery condition. Dark or no LED light indicates the battery is low or not installed. Replace the battery.

⑤ INSTRUMENT (Instrument Jack)

Input jack to connect to the output of

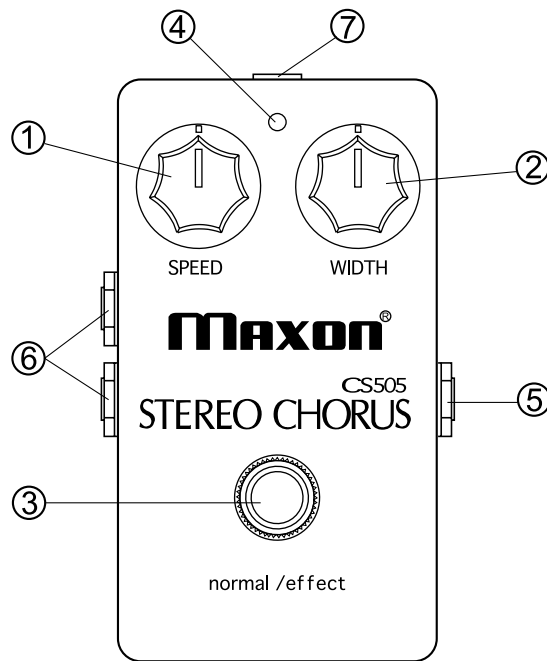
guitar, other effects or related equipment. The product automatically turns on when you put a plug into this jack. Pull out the plug when not in use.

⑥ AMPLIFIER (Amplifier Jack)

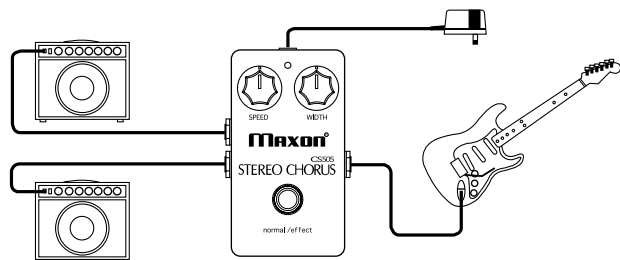
Output jack to connect to the input of amplifier or other effects. For stereo mode, use both left jack and right (inv.) jack connected to two amplifiers respectively. Use either left or right jack for monaural mode, and dry signal and delayed signal come out mixed (when you use right jack, phase of the delayed signal is inverted).

⑦ DC IN (Power Input Jack)

A jack to connect AC adaptor.



CONNECTION DIAGRAM



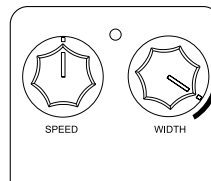
CS505 (STEREO CHORUS)

SPECIFICATIONS

- Input Impedance : 500K Ω
- Input Jack : 1/4-inch standard phone jack
- Output Impedance : 10K Ω
- Output Jack : 1/4-inch standard phone jack (Normal/Invert)
- Control : SPEED, WIDTH
- Switch : normal / effect
- Maximum Input Level : 4dBu
- Equivalent Input Noise : -100dBu(IHF-A)
- Delay Time : 3.2mSec - 8.5mSec
- Speed Range : 0.6Hz - 6Hz
- Power Supply : One 9V battery or Maxon AC adaptor (option)
- Power Requirements : DC9-10V
- Current Consumption : 23mA (9V) / 24mA (10V)
- Dimensions (main body) : 61mm(W) x 112mm(D) x 35mm(H)
- Dimensions (overall) : 70mm(W) x 112mm(D) x 55mm(H)
- Weight : 290g
- Standard Accessories : 9V manganese dry battery x 1, skid x 1

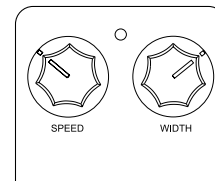
※ (0dBu=0.775Vrms)

SAMPLE SETTING



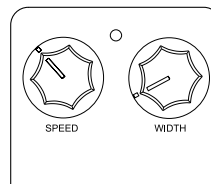
CS505 No.1

Setting for deep modulation, but with refined natural stereo effects.



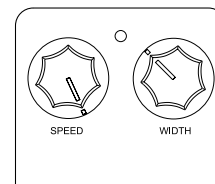
CS505 No.4

Setting for clean and spacious standard chorus sound. It's both for rhythm and lead guitar.



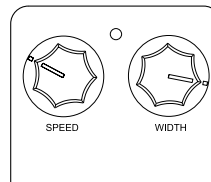
CS505 No.2

Setting to add subtle modulation to original tone. Use "SPEED" volume to adjust effect depth.



CS505 No.5

Setting with maximum SPEED to simulate twelve strings guitar. Its bright and spacious sound is ideal for electric acoustic guitar, too.



CS505 No.3

Setting with much WIDTH for vibrato-type chorus sound.

FL301 FLANGER

Features of FL301

- With FL301 you can create a wide variety of comfortable modulation from clear chorus and vibrato to thick and deep flanging.
- You can make a powerful jet sound by combining FL301 with overdrive sound.

- Easy-to-see LED enables you to check the effects ON/OFF and battery condition at a glance.
- Two types of power supply - 9V battery or special AC adaptor.

FL301 FEATURES AND CONTROLS

① SPEED (Speed Control)

Controls modulation rate. Rotate this volume clockwise to increase modulation rate.

② WIDTH (Width Control)

Controls modulation width. Rotate this volume clockwise for wide modulation. Modulation ceases when you rotate it counterclockwise till the end.

③ REGEN. (Effect Level Control)

Controls effect intensity. Rotate this volume clockwise for intense effects.

④ NORMAL / EFFECT

(Normal / Effect Switch)

Switch for effect on/off. Stepping on this switch alternately turns effects on (LED on) and off (LED off).

⑤ INDICATOR (LED Indicator)

It lights on when effects are on and lights off when effects are off. It also indicates battery condition. Dark or no LED light indicates the battery is

low or not installed. Replace the battery.

⑥ INSTRUMENT (Instrument Jack)

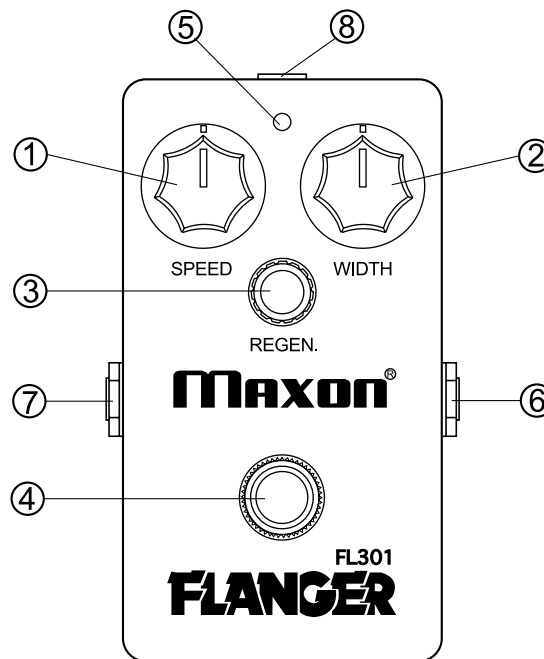
Input jack to connect to the output of guitar, other effects or related equipment. The product automatically turns on when you put a plug into this jack. Pull out the plug when not in use.

⑦ AMPLIFIER (Amplifier Jack)

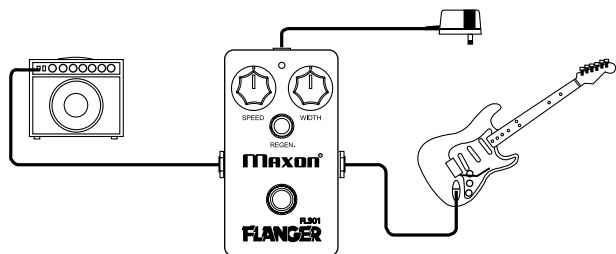
Output jack to connect to the input of amplifier or other effects.

⑧ DC IN (Power Input Jack)

A jack to connect AC adaptor.



CONNECTION DIAGRAM



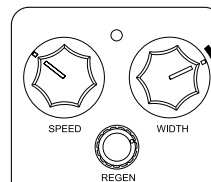
FL301 (FLANGER)

SPECIFICATIONS

- Input Impedance : 500K Ω
- Input Jack : 1/4-inch standard phone jack
- Output Impedance : 10K Ω
- Output Jack : 1/4-inch standard phone jack
- Control : SPEED, WIDTH, REGEN. (Regeneration)
- Switch : normal / effect
- Maximum Input Level : 3dBu
- Equivalent Input Noise : -90dBu(IHF-A)
- Delay Time : 1.0mSec - 12.8mSec
- Speed Range : 0.06Hz - 13Hz
- Power Supply : One 9V battery or Maxon AC adaptor (option)
- Power Requirements : DC9-10V
- Current Consumption : 20mA (9V) / 21mA (10V)
- Dimensions (main body) : 61mm(W) x 112mm(D) x 35mm(H)
- Dimensions (overall) : 70mm(W) x 112mm(D) x 55mm(H)
- Weight : 290g
- Standard Accessories : 9V manganese dry battery x 1, skid x 1

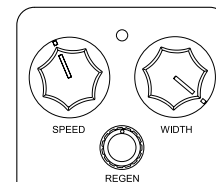
※ (0dBu=0.775Vrms)

SAMPLE SETTING



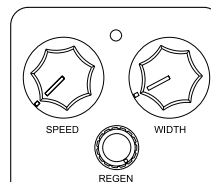
FL301 No.1

Setting for jet sound, which is characteristic of flanger.
Great when you combine it with guitar's tremolo arm.



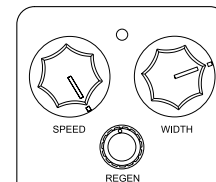
FL301 No.4

Mixed with drive sound, this setting creates spacious flanging effects.



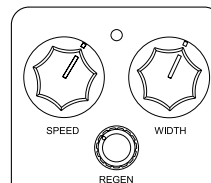
FL301 No.2 (for clean tone)

Setting for Oriental taste of sound. It's great for Sound Effect phrasing at live and recording.



FL301 No.5

Setting to simulate rotary speaker tremolo sound. You can adjust SPEED for slow tremolo.



FL301 No.3

Wide range of chorus sound created by flange effects added to chorus sound effects.

D&S DISTORTION & SUSTAINER

Features of D&S

- Amazingly long sustain and hot distortion without spoiling your guitar's original tone.
- D&S produces a wide variety of distortion from heavy and thick distortion suggestive of vacuum tube amplifier to extreme vintage fuzz.

- Easy-to-see LED enables you to check the effects ON/OFF and battery condition at a glance.
- Two types of power supply - 9V battery or special AC adaptor.

D&S FEATURES AND CONTROLS

① **DISTORTION** (Distortion Control)
Controls distortion and sustain level. Rotate this volume clockwise for more distortion and sustain.

② **TONE** (Tone Control)
Controls effect tone. Rotate this volume clockwise to emphasize middle and high tone range.

③ **BALANCE** (Balance Control)
Controls output level of effected tone. Typically output levels of both normal tone and effected tone should be adjusted to equal levels.

④ **NORMAL / EFFECT**
(Normal / Effect Switch)
Switch for effect on/off. Stepping on this switch alternately turns effects on (LED on) and off (LED off).

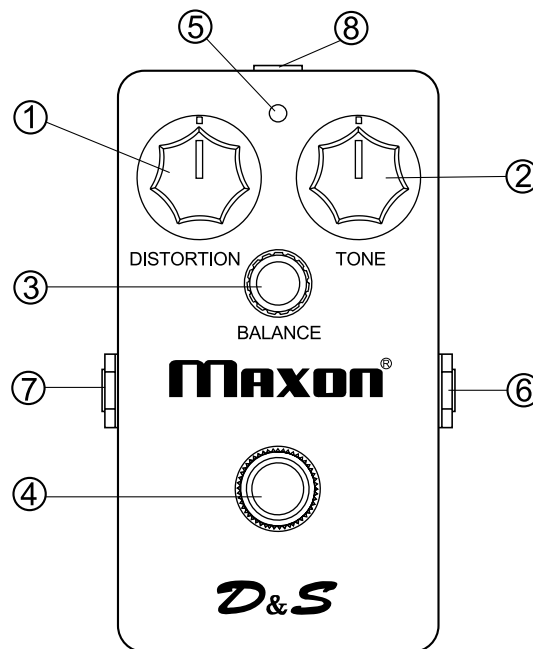
⑤ **INDICATOR** (LED Indicator)
It lights on when effects are on and lights off when effects are off. It also indicates battery condition. Dark or

no LED light indicates the battery is low or not installed. Replace the battery.

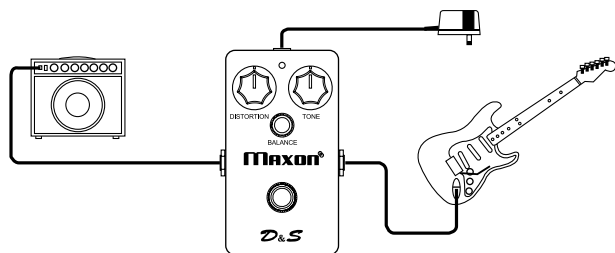
⑥ **INSTRUMENT** (Instrument Jack)
Input jack to connect to the output of guitar, other effects or related equipment. The product automatically turns on when you put a plug into this jack. Pull out the plug when not in use.

⑦ **AMPLIFIER** (Amplifier Jack)
Output jack to connect to the input of amplifier or other effects.

⑧ **DC IN** (Power Input Jack)
A jack to connect AC adaptor.



CONNECTION DIAGRAM



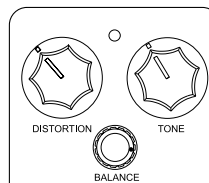
D & S (DISTORTION & SUSTAINER)

SPECIFICATIONS

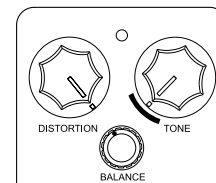
- Input Impedance : 500K Ω
- Input Jack : 1/4-inch standard phone jack
- Output Impedance : 10K Ω
- Output Jack : 1/4-inch standard phone jack
- Control : DISTORTION, TONE, BALANCE
- Switch : normal / effect
- Equivalent Input Noise : -110dBu(IHF-A)
- Maximum Gain : 40dB
- Power Supply : One 9V battery or Maxon AC adaptor (option)
- Power Requirements : DC9-10V
- Current Consumption : 6mA (9V) / 7mA (10V)
- Dimensions (main body) : 61mm(W) x 112mm(D) x 35mm(H)
- Dimensions (overall) : 70mm(W) x 112mm(D) x 55mm(H)
- Weight : 260g
- Standard Accessories : 9V manganese dry battery x 1, skid x 1

※ (0dBu=0.775Vrms)

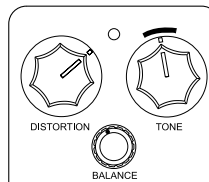
SAMPLE SETTING



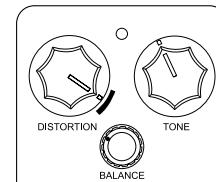
D&S No.1 (for humbucking pickup)
Characteristic tone of D&S, with power and sharpness of original D&S.



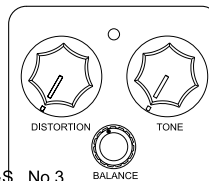
D&S No.4 (for single-coil pickup)
Fuzz-type distortion with low TONE for soft and powerful single-coil pickup timbre. (amplifier / clean setting)



D&S No.2 (for single-coil pickup)
High gain drive of stack amplifier produced by single-coil pickup and powerful D&S. Enjoy switching between this setting and amplifier's clean setting.



D&S No.5 (for humbucking pickup)
Deep distortion for powerful and heavy sound. It's for both rhythm and lead guitar.



D&S No.3
Setting to combine D&S and amplifier's drive for sinewy solo. This is characteristic of D&S, which provides enough tone quality even with DISTORTION level set to zero.

GE601 GRAPHIC EQUALIZER

Features of GE601

- Six-band graphic equalizer and an overall level volume to produce various sounds at will.
- Six band ranges covering 100Hz to 3.2KHz for easy tone making to your taste. It also works as a point booster for special effects.

- Easy-to-see LED enables you to check the effects ON/OFF and battery condition at a glance.
- Two types of power supply - 9V battery or special AC adaptor.

GE601 FEATURES AND CONTROLS

① Adjust each slide volume (100Hz, 200Hz, 400Hz, 800Hz, 1.6KHz, 3.2KHz) to your taste. Slide it up for +12dB level boost and down for -12dB level cut.

② **LEVEL** (Level Control)
Controls output level of effected tone. Slide it up for +12dB level boost and down for -12dB level cut.

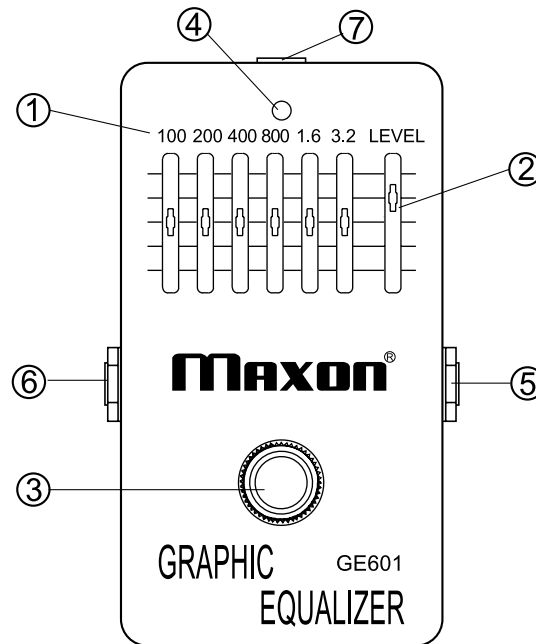
③ **NORMAL / EFFECT**
(Normal / Effect Switch)
Switch for effect on/off. Stepping on this switch alternately turns effects on (LED on) and off (LED off).

④ **INDICATOR** (LED Indicator)
It lights on when effects are on and lights off when effects are off. It also indicates battery condition. Dark or no LED light indicates the battery is low or not installed. Replace the battery.

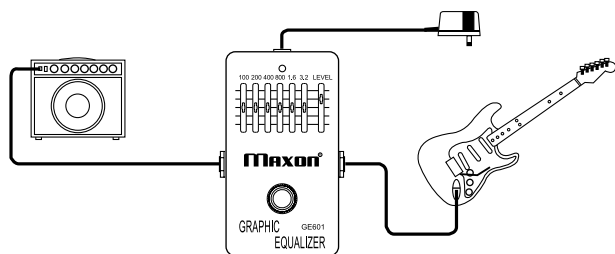
⑤ **INSTRUMENT** (Instrument Jack)
Input jack to connect to the output of guitar, other effects or related equipment. The product automatically turns on when you put a plug into this jack. Pull out the plug when not in use.

⑥ **AMPLIFIER** (Amplifier Jack)
Output jack to connect to the input of amplifier or other effects.

⑦ **DC IN** (Power Input Jack)
A jack to connect AC adaptor.



CONNECTION DIAGRAM



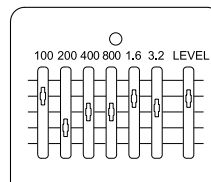
GE601 (GRAPHIC EQUALIZER)

SPECIFICATIONS

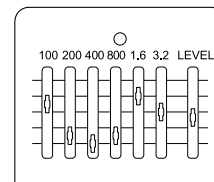
- Input Impedance : 500K Ω
- Input Jack : 1/4-inch standard phone jack
- Output Impedance : 10K Ω
- Output Jack : 1/4-inch standard phone jack
- Control : 100Hz, 200Hz, 400Hz, 800Hz, 1.6KHz, 3.2KHz, LEVEL
- Switch : normal / effect
- Maximum Input Level : 4dBu
- Equivalent Input Noise : -100dBu(IHF-A)
- Power Supply : One 9V battery or Maxon AC adaptor (option)
- Power Requirements : DC9-10V
- Current Consumption : 11mA (9V) / 12mA (10V)
- Dimensions (main body) : 61mm(W) x 112mm(D) x 35mm(H)
- Dimensions (overall) : 70mm(W) x 112mm(D) x 55mm(H)
- Weight : 240g
- Standard Accessories : 9V manganese dry battery x 1, skid x 1

※ (0dBu=0.775Vrms)

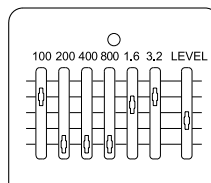
SAMPLE SETTING



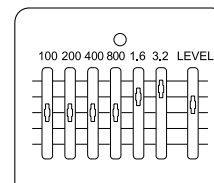
GE601 No.1 (for humbucking pickup)
Setting for passive pickup bass to simulate active pickup bass with GE601 as pre-amp. It produces clear tone peculiar to active-type bass.



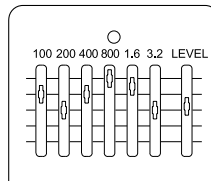
GE601 No.4 (for humbucking pickup)
Setting to cut off the middle range of humbucking pickup to simulate sharp sound of single-coil pickup.



GE601 No.2
Setting to change single-coil pickup tone to electric acoustic guitar sound. Cutting off the middle and low ranges, it stresses the brightness of guitar with piezo pickups.



GE601 No.5
Setting to add edge to overdriven tone of humbucking pickup. Indistinct distorted tone in solos will be cleared.



GE601 No.3
Equalizing to add power to single-coil pickup tone. It boosts up the middle range for solo.

OD808 OVERDRIVE

Features of OD808

- OD808 produces natural and mild overdrive effects suggestive of vacuum tube amplifier while retaining your guitar's original tone.
- As a booster, it gives you pleasant gain without spoiling amplifier's original character.

- Easy-to-see LED enables you to check the effects ON/OFF and battery condition at a glance.
- Two types of power supply - 9V battery or special AC adaptor.

OD808 FEATURES AND CONTROLS

① **OVERDRIVE** (Overdrive Control)
Controls distortion and sustain level. Rotate this volume clockwise for more distortion and sustain.

② **TONE** (Tone Control)
Controls effect tone. Rotate this volume clockwise to emphasize middle and high tone.

③ **BALANCE** (Balance Control)
Controls output level of effected tone. Typically output levels of both normal tone and effected tone should be adjusted to equal levels.

④ **NORMAL / EFFECT**
(Normal / Effect Switch)
Switch for effect on/off. Stepping on this switch alternately turns effects on (LED on) and off (LED off).

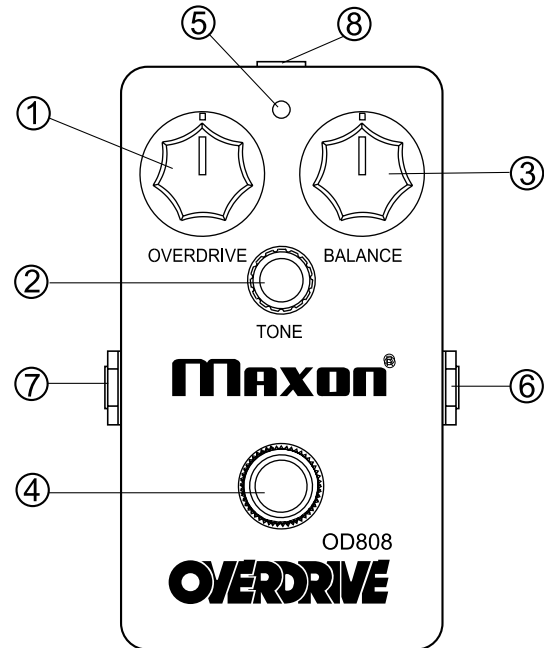
⑤ **INDICATOR** (LED Indicator)
It lights on when effects are on and lights off when effects are off. It also indicates battery condition. Dark or

no LED light indicates the battery is low or not installed. Replace the battery.

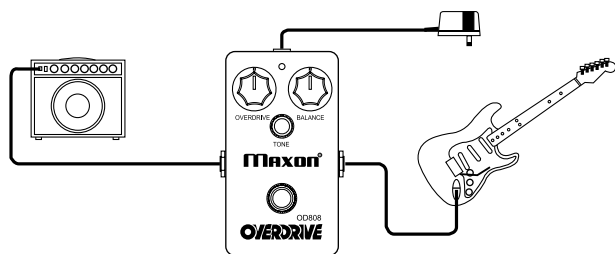
⑥ **INSTRUMENT** (Instrument Jack)
Input jack to connect to the output of guitar, other effects or related equipment. The product automatically turns on when you put a plug into this jack. Pull out the plug when not in use.

⑦ **AMPLIFIER** (Amplifier Jack)
Output jack to connect to the input of amplifier or other effects.

⑧ **DC IN** (Power Input Jack)
A jack to connect AC adaptor.



CONNECTION DIAGRAM



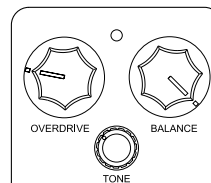
OD808 (OVERDRIVE)

SPECIFICATIONS

- Input Impedance : 500K Ω
- Input Jack : 1/4-inch standard phone jack
- Output Impedance : 10K Ω
- Output Jack : 1/4-inch standard phone jack
- Control : OVERDRIVE, BALANCE, TONE
- Switch : normal / effect
- Equivalent Input Noise : -110dBu(IHF-A)
- Maximum Gain : 35dB
- Power Supply : One 9V battery or Maxon AC adaptor (option)
- Power Requirements : DC9-10V
- Current Consumption : 5mA (9V) / 6mA (10V)
- Dimensions (main body) : 61mm(W) x 112mm(D) x 35mm(H)
- Dimensions (overall) : 70mm(W) x 112mm(D) x 55mm(H)
- Weight : 260g
- Standard Accessories : 9V manganese dry battery x 1, skid x 1

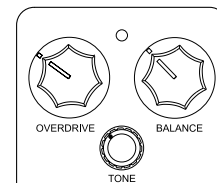
※ (0dBu=0.775Vrms)

SAMPLE SETTING



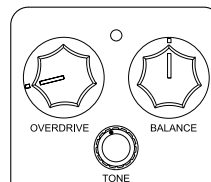
OD808 No.1

Setting for boost. It gives energy to your sound, making the most of guitar and amplifier's original tone. Works with amplifier's clean and drive setting.



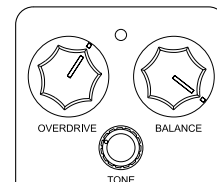
OD808 No.4 (for single-coil pickup)

Setting for adding overdrive to amplifier's crunch for more sustain and power.



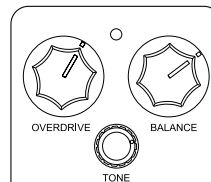
OD808 No.2

Setting for the tone exclusive to OD808. It boosts up level and sustain for solos, with your guitar and amplifier's original character unchanged.



OD808 No.5 (for humbucking pickup)

Setting to add overdrive effects to amplifier's drive for high gain drive with long sustain. Create overdrive by controlling amplifier's gain and OD808's OVERDRIVE.



OD808 No.3

Smooth drive tone that is characteristic of OD808.

Recommended setting for those who want their guitar's tonal character and picking attack unchanged.

AD80 ANALOG DELAY

- Thick and warm delay tone that you can never obtain with digital delays.
- Equipped with two outputs, it creates spacious stereo sound.
- With 10mSec.~300mSec. of delay time, you can enjoy wide

Features of AD80

- range of delay effects from reverberation to full echo.
- Easy-to-see LED enables you to check the effects ON/OFF and battery condition at a glance.
- Two types of power supply - 9V battery or special AC adaptor.

AD80 FEATURES AND CONTROLS

① **DELAY TIME** (Delay Time Control)
Controls delay time from 10mSec. to 300mSec. Rotate this volume clockwise for long delay time.

② **REPEAT** (Repeat Control)
Controls number of delay tone repeats. Rotate this volume clockwise for more repeats. Only one delay tone comes out when you rotate it counterclockwise till the end.

③ **BLEND** (Effect Level Control)
Controls delay signal level. Delay signal comes to the same level as dry signal when you rotate this volume clockwise till the end. No delay signal when you rotate it counterclockwise till the end.

④ **NORMAL / EFFECT**
(Normal / Effect Switch)
Switch for effect on/off. Stepping on this switch alternately turns effects on (LED on) and off (LED off).

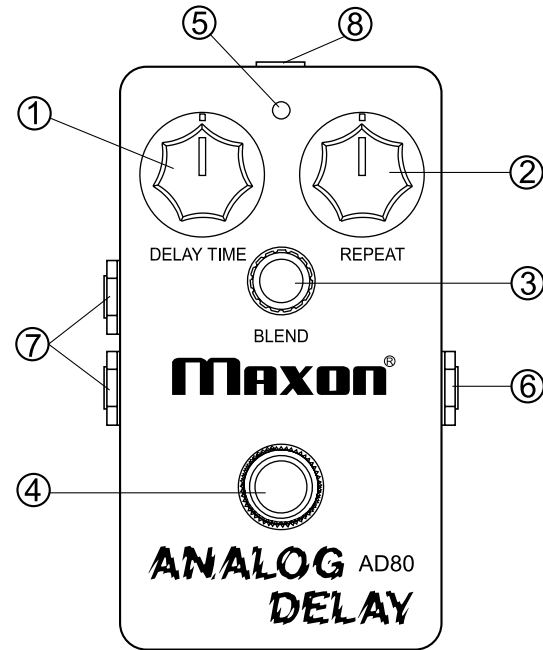
⑤ **INDICATOR** (LED Indicator)

It lights on when effects are on and lights off when effects are off. It also indicates battery condition. Dark or no LED light indicates the battery is low or not installed. Replace the battery.

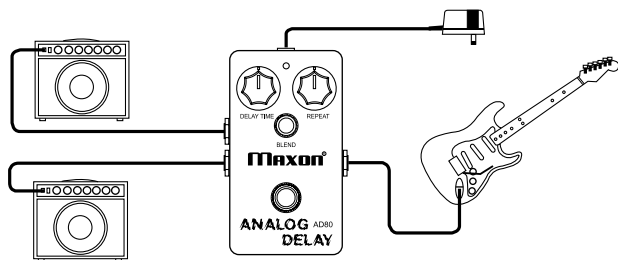
⑥ **INSTRUMENT** (Instrument Jack)
Input jack to connect to the output of guitar, other effects or related equipment. The product automatically turns on when you put a plug into this jack. Pull out the plug when not in use.

⑦ **AMPLIFIER** (Amplifier Jack)
Output jack to connect to the input of amplifier or other effects. For stereo mode use left and right (dry) jack connected to two amplifiers respectively. Then delayed signal comes from left jack and dry signal comes from right jack. Use left jack only to get delayed and dry signals mixed. Right jack always gives dry signal only.

⑧ **DC IN** (Power Input Jack)
A jack to connect AC adaptor.



CONNECTION DIAGRAM



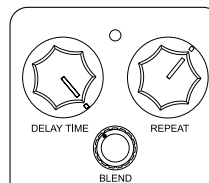
AD80 (ANALOG DELAY)

SPECIFICATIONS

- Input Impedance : 500K Ω
- Input Jack : 1/4-inch standard phone jack
- Output Impedance : 10K Ω
- Output Jack : 1/4-inch standard phone jack (Effect / Dry)
- Control : DELAY, REPEAT, BLEND
- Switch : normal / effect
- Maximum Input Level : 2dBu
- Delay Time : 10mSec - 300mSec
- Equivalent Input Noise : -110dBu (IHF-A)
- Power Supply : One 9V battery or Maxon AC adaptor (option)
- Power Requirements : DC9-10V
- Current Consumption : 22mA (9V) / 32mA (10V)
- Dimensions (main body) : 61mm(W) x 112mm(D) x 35mm(H)
- Dimensions (overall) : 70mm(W) x 112mm(D) x 55mm(H)
- Weight : 280g
- Standard Accessories : 9V manganese dry battery x 1, skid x 1

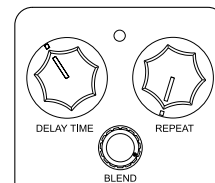
※ (0dBu=0.775Vrms)

SAMPLE SETTING



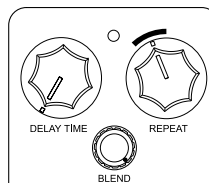
AD80 No.1

Long delay for relaxed phrasing with drive tone. You can get mellow delay sound exclusive to analog delay.



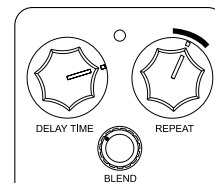
AD80 No.4

Short time delay with single repeat for oldie sound. Great for old "rock-n-roll" play.



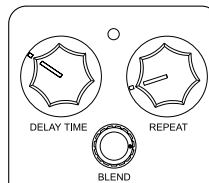
AD80 No.2

Setting with minimum DELAY TIME for subtle delay effects to simulate live studio's ambience. Adjust REPEAT to your taste.



AD80 No.5

All-around setting. It gives spacious taste in solo and rhythm guitar. BLEND can be set a little lower for clean arpeggio.



AD80 No.3

Setting with smooth analog delay effects to simulate live hall's acoustic ambience.