AmpliTube X-DRIVE

USER MANUAL

English

中文

AmpliTube
X-DRIVE

USER MANUAL

Table of Contents

Front Panel Overview

1. MODEL encoder

Turn the MODEL encoder to select the preferred X-DRIVE model among the 16 advanced algorithms available.

Push to go back when browsing menus.

2. PRESET encoder

Turn the PRESET encoder to browse among the 300 preset slots available in the machine.

Push to save a preset and choose its name and bank position.

3. PARAMETER encoder

Each model inside X-DRIVE has its own parameter set.

Push the PARAMETER encoder to access the additional parameters of the selected model. The last edited parameter is always available by pressing or rotating the parameter encoder.

Hold the PARAMETER encoder to access the global and preset setups.

4. DRIVE knob

The DRIVE knob increases the amount of clipping in the distortion circuit.

5. BASS knob

The BASS knob boosts and cuts the low frequencies.

6. MID knob

The MID knob boosts and cuts the mid frequencies.

7. TREBLE knob

The TREBLE knob boosts and cuts the high frequencies.

8. VOLUME knob

The VOLUME knob sets the output level.

9. A, B & C LEDs

Green if preset is active.

Amber if preset has been edited.

Blinking amber when browsing among banks.

Off if bypassed.

10. A, B & C footswitches

Press to engage or bypass preset of the current bank.

Hold while preset is ON to access the X-MODE for selected model.

Hold while preset is OFF to activate that preset temporary while the footswitch is held down.

Press A+B to select a lower bank.

Press B+C to select a higher bank.

Rear Panel Overview

1. INPUT

Plug your instrument in here.

2. OUTPUT

Connect to an amplifier or stomp box.

3. CAB SIM OUT

This is the cabinet simulator output that can be connected directly to a full range speaker, PA system or other devices.

4. HEADPHONES

Connect a pair of headphones to monitor your sound quietly.

5. MIDI IN

Connect to external MIDI controllers to automatically browse presets and modulate parameters via control changes.

6. MIDI OUT

Connect to external MIDI devices. Through this port X-DRIVE can send out MIDI messages anytime a switch is pressed or a knob is turned.

7. EXT. CONTROL

Hook up an external expression or single switch pedal to control any combinations of parameters with a single action.

Hook up a double switch pedal to easily move among banks or presets.

8. USB

Use this port to connect X-DRIVE to your Mac/PC as an audio interface and for using the Librarian app to organize and load presets. It can also be used to send or receive MIDI signals.

9. POWER 9V DC

Power the pedal via a 9V DC center negative power supply.

At least 260mA.

Firmware update

Before doing anything with your X-GEAR pedal it's highly recommended to hook it up to the X-GEAR Librarian and check if any firmware update is available to make sure you are running the most updated and stable firmware available.

To do so:

1. Install the X-GEAR librarian on your computer following the instructions found in the box.
2. Connect your pedal to your computer using the provided USB cable.
3. Launch the X-GEAR librarian and select the connected pedal.
4. Click the top right gear icon and click "Check for updates."
5. If the librarian or the X-GEAR need to be updated, you'll be asked to do so and by clicking "Update" you'll start the updating process.

After updating you can start using your X-GEAR pedal.

Saving presets

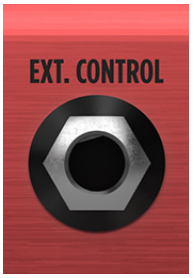
To quickly save a preset, hold down the PRESET encoder until the display shows SAVED. The preset will be saved with the same name in the same location.

To change name or location when saving a preset:

1. Press the PRESET encoder to enter the saving process.
2. The first letter of the preset's name starts blinking indicating the cursor's position.
3. Rename the preset:
   a. Turn the PRESET encoder to select a character.
   b. Turn the MODEL encoder to change the cursor's position.
4. Push the PRESET encoder to confirm the name.
5. The display shows a location (bank-number and slot).
6. Rotate the PRESET encoder to select the desired location.
7. Push the PRESET encoder to select the location an save the preset with the chosen name in the chosen location.

N.B. When choosing a different location saving a preset will overwrite the preset that was previously stored in that location and the new one gets copied over it.

External Control Setup



The EXT. CONTROL jack can be connected to various types of external pedals:

- Expression pedal
- Single switch
- Double switch

Expression pedal & single switch (creating macros)

An expression pedal and a single switch pedal can be assigned to a parameter or to various parameters to create macros. A macro is an ensemble of parameters, which can be modulated simultaneously via the external control.

To setup a macro on the selected preset using an expression pedal or a single switch pedal, do as follows:

1. Hook it up to the EXT. CONTROL.
2. Hold the PARAMETER encoder and choose GLOBAL SETUP.
3. Select EXT. CTRL and choose one of the following:
   a. TRS EXP PEDAL: if you are using a TRS type expression pedal.
   b. RTS EXP PEDAL: if you are using a RTS type expression pedal.
   c. N.O. SWITCH: if you are using a normally open single switch pedal.
   d. N.C. SWITCH: if you are using a normally close single switch pedal.
4. Press the MODEL knob to go back and choose PRESET SETUP.
5. In the PRESET SETUP menu, select ON from the EXT. CTRL option.
6. Come back to the PRESET SETUP menu, select EXT. LEARN and choose LEARN.
7. While LEARN A is being displayed, position the parameters of the preset as you wish they would be when the external control is in position A, then press the PRESET encoder when the A setup is done.
8. While LEARN B is being displayed, position the parameters of the preset as you wish they would be when the external control is in position B, then press the PRESET encoder when the B setup is done.
9. Once the SAVE button (PRESET encoder) is pressed, the pedal returns to its default behavior and the macro is assigned to the external control.

N.B.

In a single switch pedal position A refers to the off status. In an expression pedal position A refers to the heel status.

In a single switch pedal position B refers to the on status. In an expression pedal position B refers to the tip status.

The only difference between a single switch or an expression pedal is that with the first one changing from position A to position B is an instant transition (pressing the footswitch), while the second one is a smooth transition (moving the expression pedal).

Double switch

Connect a double switch pedal to browse among presets or banks more easily.

To setup a double switch pedal do as follows:

1. Hook it up to the EXT. CONTROL.
2. Hold the PARAMETER encoder and choose GLOBAL SETUP.
3. Select EXT. CTRL and choose N.O. DUAL SWITCH, if your double switch pedal is normally open or N.C. DUAL SWITCH, if your double switch pedal is normally closed.
4. In the GLOBAL SETUP browse to DUAL SWITCH MODE and choose BANK, if you want to use your double switch pedal to move among banks or PRESET, if you want it to move among presets.

Expression pedal calibration

If you feel that your expression pedal doesn't work as expected, you may need to calibrate it to get its full functionality.

To calibrate an expression pedal do as follows:

1. Hook it up to the EXT. CONTROL in the rear panel.
2. Hold the PARAMETER encoder and choose GLOBAL SETUP.
3. In the GLOBAL SETUP select EXP. CALIBRATION.
4. While HEEL is being displayed move your expression pedal to its heel position then press the PARAMETER encoder to confirm.
5. While TIP is being displayed move your expression pedal to its tip position then press the PARAMETER encoder to confirm.
6. When the display shows DONE, the calibration is set.

Distortion Models

MODERN

This overdrive adds pleasing harmonics for a tube-like sound. It recreates creamy saturation with a solid warm low end.

Parameters

- **DRIVE**: increases the amount of clipping in the distortion circuit.
  From 0 to 10.
- **BASS**: boosts and cuts the low frequencies.
  From -6 dB to +6 dB.
- **MID**: boosts and cuts the mid frequencies.
  From -6 dB to +6 dB.
- **TREBLE**: boosts and cuts the high frequencies.
  From -6 dB to +6 dB.
- **VOLUME**: sets the output level.
  From 0 to 10.
- **COLOR**: controls the tone of the distortion.
  From 0 to 10.
- **MID Q**: sets the bandwidth of the mid parameter EQ from narrow to wide.
  From 0.2 to 3.
- **MID FREQ**: changes the center frequency of the mid parametric EQ.
  From 80 Hz to 5000 Hz.
- **EQ POSITION**: sets the tone EQ pre or post clipping.
  PRE or POST.
- **NOISE GATE**: turns the noise gate ON or OFF.
  ON or OFF.
- **NG THRESHOLD**: adjusts the sensitivity of the gate's threshold.
  From -100 dB to 0 dB.
- **NG RELEASE**: adjusts the time of the gate's release.
  From 20 ms to 1500 ms.
- **NG DEPTH**: adjusts the gate's deepness.
  From -20 dB to -100 dB.
- **COMPRESSOR**: turns the compressor ON or OFF.
  ON or OFF.
- **COMP SENSITIVITY**: sets the sensitivity of the compressor.
  From 0 to 10.
- **COMP OUT**: sets the output level of the compressor.
  From 0 to 10.
- **CAB SIM**: selects the cabinet simulator.
  CAB 1, CAB 2, CAB 3, CAB 4, BASS, OFF.

- **MIX**: regulates the amount of the dry and wet distorted signal. By default, the mix is set to 100% WET. From 0% to 100%.
- **X-MODE**: the X-MODE boosts the output signal to achieve more volume in certain parts during the performance.
  ON or OFF.

N.B. If you also want the Cab Sim when the pedal is bypassed, the BUFFER BYPASS MODE is required.

MODERN Control Changes

Parameter	Control Change #	Values
DRIVE	21	0 – 127
BASS	22	0 – 127
MID	23	0 – 127
TREBLE	24	0 – 127
VOLUME	25	0 - 127
COLOR	46	0 - 127
MID Q	47	0 - 127
MID FREQ	48	0 - 127
EQ POSITION	49	0 - 127
NOISE GATE	50	0 - 127
NG THRESHOLD	51	0 - 127
NG RELEASE	52	0 - 127
NG DEPTH	53	0 - 127
COMPRESSOR	54	0 - 127
COMP SENSITIVITY	55	0 - 127
COMP OUT	56	0 - 127
CAB SIM	57	0 - 127
MIX	58	0 - 127
X-MODE	13	0 - 127

When a parameter range is not linear its values are equally divided among the 128 steps of a Control Change value.

METAL

Based on BOSS® MT-2

Inspired by one of the most favorite metal pedals of all time, perfect for extreme gain and sustain. Nothing compares to this pedal for pure distortion mayhem. It features punch, color and presence to sculpt the perfect high gain tone under your feet.

Parameters

- **DRIVE**: increases the amount of clipping in the distortion circuit.
  From 0 to 10.
- **BASS**: boosts and cuts the low frequencies.
  From -6 dB to +6 dB.
- **MID**: boosts and cuts the mid frequencies.
  From -6 dB to +6 dB.
- **TREBLE**: boosts and cuts the high frequencies.
  From -6 dB to +6 dB.
- **VOLUME**: sets the output level.
  From 0 to 10.
- **PUNCH**: boosts the low frequencies.
  From -15 dB to 15 dB.
- **COLOR**: enhance the mid-frequency response.
  From -15 dB to +15 dB.
- **COLOR FREQ**: selects the mid-frequency for the COLOR parameter.
  From 300 Hz to 6000 Hz.
- **PRESENCE**: boosts the high frequencies.
  From -15 dB to +15 dB.
- **MID Q**: sets the bandwidth of the mid parameter EQ from narrow to wide.
  From 0.2 to 3.
- **MID FREQ**: changes the center frequency of the mid parametric EQ.
  From 80 Hz to 5000 Hz.
- **EQ POSITION**: sets the tone EQ pre or post clipping.
  PRE or POST.
- **NOISE GATE**: turns the noise gate ON or OFF.
  ON or OFF.
- **NG THRESHOLD**: adjusts the sensitivity of the gate's threshold.
  From -100 dB to 0 dB.
- **NG RELEASE**: adjusts the time of the gate's release.
  From 20 ms to 1500 ms.
- **NG DEPTH**: adjusts the gate's deepness.
  From -20 dB to -100 dB.
- **COMPRESSOR**: turns the compressor ON or OFF.
  ON or OFF.

- **COMP SENSITIVITY**: sets the sensitivity of the compressor.
  From 0 to 10.
- **COMP OUT**: sets the output level of the compressor.
  From 0 to 10.
- **CAB SIM**: selects the cabinet simulator.
  CAB 1, CAB 2, CAB 3, CAB 4, BASS, OFF.
- **MIX**: regulates the amount of the dry and wet distorted signal. By default, the mix is set to 100% WET.
  From 0% to 100%.
- **X-MODE**: the X-MODE boosts the output signal to achieve more volume in certain parts during the performance.
  ON or OFF.

N.B. If you also want the Cab Sim when the pedal is bypassed, the BUFFER BYPASS MODE is required.

METAL Control Changes

Parameter	Control Change #	Values
DRIVE	21	0 – 127
BASS	22	0 – 127
MID	23	0 – 127
TREBLE	24	0 – 127
VOLUME	25	0 - 127
PUNCH	46	0 - 127
COLOR	47	0 - 127
COLOR FREQ	48	0 - 127
PRESENCE	49	0 - 127
MID Q	50	0 - 127
MID FREQ	51	0 - 127
EQ POSITION	52	0 - 127
NOISE GATE	53	0 - 127
NG THRESHOLD	54	0 - 127
NG RELEASE	55	0 - 127
NG DEPTH	56	0 - 127
COMPRESSOR	57	0 - 127
COMP SENSITIVITY	58	0 - 127
COMP OUT	59	0 - 127
CAB SIM	60	0 - 127
MIX	61	0 - 127
X-MODE	13	0 - 127

When a parameter range is not linear its values are equally divided among the 128 steps of a Control Change value.

MONARCH

Based on Marshall® Guv'Nor.

This pedal is a model of a beloved '80s-era distortion pedal by a company known for making amps with amazing distortion.

Parameters

- **DRIVE**: increases the amount of clipping in the distortion circuit.
  From 0 to 10.
- **BASS**: boosts and cuts the low frequencies.
  From -6 dB to +6 dB.
- **MID**: boosts and cuts the mid frequencies.
  From -6 dB to +6 dB.
- **TREBLE**: boosts and cuts the high frequencies.
  From -6 dB to +6 dB.
- **VOLUME**: sets the output level.
  From 0 to 10.
- **COLOR**: controls the tone of the distortion pedal.
  From 0 to 10.
- **MID Q**: sets the bandwidth of the mid parameter EQ from narrow to wide.
  From 0.2 to 3.
- **MID FREQ**: changes the center frequency of the mid parametric EQ.
  From 80 Hz to 5000 Hz.
- **EQ POSITION**: sets the tone EQ pre or post clipping.
  PRE or POST.
- **NOISE GATE**: turns the noise gate ON or OFF.
  ON or OFF.
- **NG THRESHOLD**: adjusts the sensitivity of the gate's threshold.
  From -100 dB to 0 dB.
- **NG RELEASE**: adjusts the time of the gate's release.
  From 20 ms to 1500 ms.
- **NG DEPTH**: adjusts the gate's deepness.
  From -20 dB to -100 dB.
- **COMPRESSOR**: turns the compressor ON or OFF.
  ON or OFF.
- **COMP SENSITIVITY**: sets the sensitivity of the compressor.
  From 0 to 10.
- **COMP OUT**: sets the output level of the compressor.
  From 0 to 10.
- **CAB SIM**: selects the cabinet simulator.
  CAB 1, CAB 2, CAB 3, CAB 4, BASS, OFF.
- **MIX**: regulates the amount of the dry and wet distorted signal. By default. the mix is set to 100% WET.
  From 0% to 100%.

- **X-MODE**: the X-MODE boosts the output signal to achieve more volume in certain parts during the performance.
  ON or OFF.

N.B. If you also want the Cab Sim when the pedal is bypassed, the BUFFER BYPASS MODE is required.

MONARCH Control Changes

Parameter	Control Change #	Values
DRIVE	21	0 – 127
BASS	22	0 – 127
MID	23	0 – 127
TREBLE	24	0 – 127
VOLUME	25	0 - 127
COLOR	46	0 - 127
MID Q	47	0 - 127
MID FREQ	48	0 - 127
EQ POSITION	49	0 - 127
NOISE GATE	50	0 - 127
NG THRESHOLD	51	0 - 127
NG RELEASE	52	0 - 127
NG DEPTH	53	0 - 127
COMPRESSOR	54	0 - 127
COMP SENSITIVITY	55	0 - 127
COMP OUT	56	0 - 127
CAB SIM	57	0 - 127
MIX	58	0 - 127
X-MODE	13	0 - 127

When a parameter range is not linear its values are equally divided among the 128 steps of a Control Change value.

CAT

Based on ProCo® Rat™

One of the most beloved distortion boxes ever. From smooth, light crunch, to extreme shred sustain offering a fuzz-like flavor. This pedal has been a classic ever since its release in the early ‘80s.

Parameters

- **DRIVE**: increases the amount of clipping in the distortion circuit.
  From 0 to 10.
- **BASS**: boosts and cuts the low frequencies.
  From -6 dB to +6 dB.
- **MID**: boosts and cuts the mid frequencies.
  From -6 dB to +6 dB.
- **TREBLE**: boosts and cuts the high frequencies.
  From -6 dB to +6 dB.
- **VOLUME**: sets the output level.
  From 0 to 10.
- **COLOR**: controls the tone of the distortion.
  From 0 to 10.
- **MID Q**: sets the bandwidth of the mid parameter EQ from narrow to wide.
  From 0.2 to 3.
- **MID FREQ**: changes the center frequency of the mid parametric EQ.
  From 80 Hz to 5000 Hz.
- **EQ POSITION**: sets the tone EQ pre or post clipping.
  PRE or POST.
- **NOISE GATE**: turns the noise gate ON or OFF.
  ON or OFF.
- **NG THRESHOLD**: adjusts the sensitivity of the gate’s threshold.
  From -100 dB to 0 dB.
- **NG RELEASE**: adjusts the time of the gate’s release.
  From 20 ms to 1500 ms.
- **NG DEPTH**: adjusts the gate’s deepness.
  From -20 dB to -100 dB.
- **COMPRESSOR**: turns the compressor ON or OFF.
  ON or OFF.
- **COMP SENSITIVITY**: sets the sensitivity of the compressor.
  From 0 to 10.
- **COMP OUT**: sets the output level of the compressor.
  From 0 to 10.
- **CAB SIM**: selects the cabinet simulator.
  CAB 1, CAB 2, CAB 3, CAB 4, BASS, OFF.
- **MIX**: regulates the amount of the dry and wet distorted signal. By default, the mix is set to 100% WET.
  From 0% to 100%.

- **X-MODE**: the X-MODE boosts the output signal to achieve more volume in certain parts during the performance.
  ON or OFF.

N.B. If you also want the Cab Sim when the pedal is bypassed, the BUFFER BYPASS MODE is required.

CAT Control Changes

Parameter	Control Change #	Values
DRIVE	21	0 – 127
BASS	22	0 – 127
MID	23	0 – 127
TREBLE	24	0 – 127
VOLUME	25	0 - 127
COLOR	46	0 - 127
MID Q	47	0 - 127
MID FREQ	48	0 - 127
EQ POSITION	49	0 - 127
NOISE GATE	50	0 - 127
NG THRESHOLD	51	0 - 127
NG RELEASE	52	0 - 127
NG DEPTH	53	0 - 127
COMPRESSOR	54	0 - 127
COMP SENSITIVITY	55	0 - 127
COMP OUT	56	0 - 127
CAB SIM	57	0 - 127
MIX	58	0 - 127
X-MODE	13	0 - 127

When a parameter range is not linear its values are equally divided among the 128 steps of a Control Change value.

ORANGE

Based on BOSS® DS-1

This is one of the most versatile distortion boxes ever made. From subtle crunch to complete craziness, this pedal has been used by countless guitarists of all styles from classic rock to grunge.

Parameters

- **DRIVE**: increases the amount of clipping in the distortion circuit.
  From 0 to 10.
- **BASS**: boosts and cuts the low frequencies.
  From -6 dB to +6 dB.
- **MID**: boosts and cuts the mid frequencies.
  From -6 dB to +6 dB.
- **TREBLE**: boosts and cuts the high frequencies.
  From -6 dB to +6 dB.
- **VOLUME**: sets the output level.
  From 0 to 10.
- **COLOR**: controls the tone of the distortion.
  From 0 to 10.
- **MID Q**: sets the bandwidth of the mid parameter EQ from narrow to wide.
  From 0.2 to 3.
- **MID FREQ**: changes the center frequency of the mid parametric EQ.
  From 80 Hz to 5000 Hz.
- **EQ POSITION**: sets the tone EQ pre or post clipping.
  PRE or POST.
- **NOISE GATE**: turns the noise gate ON or OFF.
  ON or OFF.
- **NG THRESHOLD**: adjusts the sensitivity of the gate's threshold.
  From -100 dB to 0 dB.
- **NG RELEASE**: adjusts the time of the gate's release.
  From 20 ms to 1500 ms.
- **NG DEPTH**: adjusts the gate's deepness.
  From -20 dB to -100 dB.
- **COMPRESSOR**: turns the compressor ON or OFF.
  ON or OFF.
- **COMP SENSITIVITY**: sets the sensitivity of the compressor.
  From 0 to 10.
- **COMP OUT**: sets the output level of the compressor.
  From 0 to 10.
- **CAB SIM**: selects the cabinet simulator.
  CAB 1, CAB 2, CAB 3, CAB 4, BASS, OFF.
- **MIX**: regulates the amount of the dry and wet distorted signal. By default the mix is set to 100% WET.
  From 0% to 100%.

- **X-MODE**: the X-MODE boosts the output signal to achieve more volume in certain parts during the performance.
  ON or OFF.

N.B. If you also want the Cab Sim when the pedal is bypassed, the BUFFER BYPASS MODE is required.

ORANGE Control Changes

Parameter	Control Change #	Values
DRIVE	21	0 – 127
BASS	22	0 – 127
MID	23	0 – 127
TREBLE	24	0 – 127
VOLUME	25	0 - 127
COLOR	46	0 - 127
MID Q	47	0 - 127
MID FREQ	48	0 - 127
EQ POSITION	49	0 - 127
NOISE GATE	50	0 - 127
NG THRESHOLD	51	0 - 127
NG RELEASE	52	0 - 127
NG DEPTH	53	0 - 127
COMPRESSOR	54	0 - 127
COMP SENSITIVITY	55	0 - 127
COMP OUT	56	0 - 127
CAB SIM	57	0 - 127
MIX	58	0 - 127
X-MODE	13	0 - 127

When a parameter range is not linear its values are equally divided among the 128 steps of a Control Change value.

YELLOW

Based on BOSS® SD-1

One of the earliest and most collectible Japanese pedals, it's one of the most iconic overdrive pedals ever made. From subtle to over-the-top, it pushes amps harder without sacrificing attack clarity.

Parameters

- **DRIVE**: increases the amount of clipping in the distortion circuit.
  From 0 to 10.
- **BASS**: boosts and cuts the low frequencies.
  From -6 dB to +6 dB.
- **MID**: boosts and cuts the mid frequencies.
  From -6 dB to +6 dB.
- **TREBLE**: boosts and cuts the high frequencies.
  From -6 dB to +6 dB.
- **VOLUME**: sets the output level.
  From 0 to 10.
- **COLOR**: controls the tone of the distortion.
  From 0 to 10.
- **MID Q**: sets the bandwidth of the mid parameter EQ from narrow to wide.
  From 0.2 to 3.
- **MID FREQ**: changes the center frequency of the mid parametric EQ.
  From 80 Hz to 5000 Hz.
- **EQ POSITION**: sets the tone EQ pre or post clipping.
  PRE or POST.
- **NOISE GATE**: turns the noise gate ON or OFF.
  ON or OFF.
- **NG THRESHOLD**: adjusts the sensitivity of the gate's threshold.
  From -100 dB to 0 dB.
- **NG RELEASE**: adjusts the time of the gate's release.
  From 20 ms to 1500 ms.
- **NG DEPTH**: adjusts the gate's deepness.
  From -20 dB to -100 dB.
- **COMPRESSOR**: turns the compressor ON or OFF.
  ON or OFF.
- **COMP SENSITIVITY**: sets the sensitivity of the compressor.
  From 0 to 10.
- **COMP OUT**: sets the output level of the compressor.
  From 0 to 10.
- **CAB SIM**: selects the cabinet simulator.
  CAB 1, CAB 2, CAB 3, CAB 4, BASS, OFF.
- **MIX**: regulates the amount of the dry and wet distorted signal. By default the mix is set to 100% WET.
  From 0% to 100%.

- **X-MODE**: the X-MODE boosts the output signal to achieve more volume in certain parts during the performance.
  ON or OFF.

N.B. If you also want the Cab Sim when the pedal is bypassed, the BUFFER BYPASS MODE is required.

YELLOW Control Changes

Parameter	Control Change #	Values
DRIVE	21	0 – 127
BASS	22	0 – 127
MID	23	0 – 127
TREBLE	24	0 – 127
VOLUME	25	0 - 127
COLOR	46	0 - 127
MID Q	47	0 - 127
MID FREQ	48	0 - 127
EQ POSITION	49	0 - 127
NOISE GATE	50	0 - 127
NG THRESHOLD	51	0 - 127
NG RELEASE	52	0 - 127
NG DEPTH	53	0 - 127
COMPRESSOR	54	0 - 127
COMP SENSITIVITY	55	0 - 127
COMP OUT	56	0 - 127
CAB SIM	57	0 - 127
MIX	58	0 - 127
X-MODE	13	0 - 127

When a parameter range is not linear its values are equally divided among the 128 steps of a Control Change value.

GREEN

Based on Ibanez® Tube Screamer

This is a model of the classic overdrive/distortion pedal, which has become the go-to overdrive pedal for some of the most influential guitar players of all time. It helps to boost the mid frequencies keeping great transient response.

Parameters

- **DRIVE**: increases the amount of clipping in the distortion circuit.
  From 0 to 10.
- **BASS**: boosts and cuts the low frequencies.
  From -6 dB to +6 dB.
- **MID**: boosts and cuts the mid frequencies.
  From -6 dB to +6 dB.
- **TREBLE**: boosts and cuts the high frequencies.
  From -6 dB to +6 dB.
- **VOLUME**: sets the output level.
  From 0 to 10.
- **COLOR**: controls the tone of the distortion.
  From 0 to 10.
- **MID Q**: sets the bandwidth of the mid parameter EQ from narrow to wide.
  From 0.2 to 3.
- **MID FREQ**: changes the center frequency of the mid parametric EQ.
  From 80 Hz to 5000 Hz.
- **EQ POSITION**: sets the tone EQ pre or post clipping.
  PRE or POST.
- **NOISE GATE**: turns the noise gate ON or OFF.
  ON or OFF.
- **NG THRESHOLD**: adjusts the sensitivity of the gate's threshold.
  From -100 dB to 0 dB.
- **NG RELEASE**: adjusts the time of the gate's release.
  From 20 ms to 1500 ms.
- **NG DEPTH**: adjusts the gate's deepness.
  From -20 dB to -100 dB.
- **COMPRESSOR**: turns the compressor ON or OFF.
  ON or OFF.
- **COMP SENSITIVITY**: sets the sensitivity of the compressor.
  From 0 to 10.
- **COMP OUT**: sets the output level of the compressor.
  From 0 to 10.
- **CAB SIM**: selects the cabinet simulator.
  CAB 1, CAB 2, CAB 3, CAB 4, BASS, OFF.

- **MIX**: regulates the amount of the dry and wet distorted signal. By default the mix is set to 100% WET. From 0% to 100%.
- **X-MODE**: the X-MODE boosts the output signal to achieve more volume in certain parts during the performance.
  ON or OFF.

N.B. If you also want the Cab Sim when the pedal is bypassed, the BUFFER BYPASS MODE is required.

GREEN Control Changes

Parameter	Control Change #	Values
DRIVE	21	0 – 127
BASS	22	0 – 127
MID	23	0 – 127
TREBLE	24	0 – 127
VOLUME	25	0 - 127
COLOR	46	0 - 127
MID Q	47	0 - 127
MID FREQ	48	0 - 127
EQ POSITION	49	0 - 127
NOISE GATE	50	0 - 127
NG THRESHOLD	51	0 - 127
NG RELEASE	52	0 - 127
NG DEPTH	53	0 - 127
COMPRESSOR	54	0 - 127
COMP SENSITIVITY	55	0 - 127
COMP OUT	56	0 - 127
CAB SIM	57	0 - 127
MIX	58	0 - 127
X-MODE	13	0 - 127

When a parameter range is not linear its values are equally divided among the 128 steps of a Control Change value.

DIODE

Based on MXR® Distortion+

This model is perfect to pump up your amplifier from light overdrives to dense distortions.

Parameters

- **DRIVE**: increases the amount of clipping in the distortion circuit.
  From 0 to 10.
- **BASS**: boosts and cuts the low frequencies.
  From -6 dB to +6 dB.
- **MID**: boosts and cuts the mid frequencies.
  From -6 dB to +6 dB.
- **TREBLE**: boosts and cuts the high frequencies.
  From -6 dB to +6 dB.
- **VOLUME**: sets the output level.
  From 0 to 10.
- **MID Q**: sets the bandwidth of the mid parameter EQ from narrow to wide.
  From 0.2 to 3.
- **MID FREQ**: changes the center frequency of the mid parametric EQ.
  From 80 Hz to 5000 Hz.
- **EQ POSITION**: sets the tone EQ pre or post clipping.
  PRE or POST.
- **NOISE GATE**: turns the noise gate ON or OFF.
  ON or OFF.
- **NG THRESHOLD**: adjusts the sensitivity of the gate's threshold.
  From -100 dB to 0 dB.
- **NG RELEASE**: adjusts the time of the gate's release.
  From 20 ms to 1500 ms.
- **NG DEPTH**: adjusts the gate's deepness.
  From -20 dB to -100 dB.
- **COMPRESSOR**: turns the compressor ON or OFF.
  ON or OFF.
- **COMP SENSITIVITY**: sets the sensitivity of the compressor.
  From 0 to 10.
- **COMP OUT**: sets the output level of the compressor.
  From 0 to 10.
- **CAB SIM**: selects the cabinet simulator.
  CAB 1, CAB 2, CAB 3, CAB 4, BASS, OFF.
- **MIX**: regulates the amount of the dry and wet distorted signal. By default the mix is set to 100% WET.
  From 0% to 100%.
- **X-MODE**: the X-MODE boosts the output signal to achieve more volume in certain parts during the performance.
  ON or OFF.

N.B. If you also want the Cab Sim when the pedal is bypassed, the BUFFER BYPASS MODE is required.

DIODE Control Changes

Parameter	Control Change #	Values
DRIVE	21	0 – 127
BASS	22	0 – 127
MID	23	0 – 127
TREBLE	24	0 – 127
VOLUME	25	0 - 127
MID Q	46	0 - 127
MID FREQ	47	0 - 127
EQ POSITION	48	0 - 127
NOISE GATE	49	0 - 127
NG THRESHOLD	50	0 - 127
NG RELEASE	51	0 - 127
NG DEPTH	52	0 - 127
COMPRESSOR	53	0 - 127
COMP SENSITIVITY	54	0 - 127
COMP OUT	55	0 - 127
CAB SIM	56	0 - 127
MIX	57	0 - 127
X-MODE	13	0 - 127

When a parameter range is not linear its values are equally divided among the 128 steps of a Control Change value.

BLUE

A very versatile model, which is the best fit for creamy jazz tones and crunchy blues lines.

Parameters

- **DRIVE**: increases the amount of clipping in the distortion circuit.
  From 0 to 10.
- **BASS**: boosts and cuts the low frequencies.
  From -6 dB to +6 dB.
- **MID**: boosts and cuts the mid frequencies.
  From -6 dB to +6 dB.
- **TREBLE**: boosts and cuts the high frequencies.
  From -6 dB to +6 dB.
- **VOLUME**: sets the output level.
  From 0 to 10.
- **COLOR**: controls the tone of the distortion.
  From 0 to 10.
- **MID Q**: sets the bandwidth of the mid parameter EQ from narrow to wide.
  From 0.2 to 3.
- **MID FREQ**: changes the center frequency of the mid parametric EQ.
  From 80 Hz to 5000 Hz.
- **EQ POSITION**: sets the tone EQ pre or post clipping.
  PRE or POST.
- **NOISE GATE**: turns the noise gate ON or OFF.
  ON or OFF.
- **NG THRESHOLD**: adjusts the sensitivity of the gate's threshold.
  From -100 dB to 0 dB.
- **NG RELEASE**: adjusts the time of the gate's release.
  From 20 ms to 1500 ms.
- **NG DEPTH**: adjusts the gate's deepness.
  From -20 dB to -100 dB.
- **COMPRESSOR**: turns the compressor ON or OFF.
  ON or OFF.
- **COMP SENSITIVITY**: sets the sensitivity of the compressor.
  From 0 to 10.
- **COMP OUT**: sets the output level of the compressor.
  From 0 to 10.
- **CAB SIM**: selects the cabinet simulator.
  CAB 1, CAB 2, CAB 3, CAB 4, BASS, OFF.
- **MIX**: regulates the amount of the dry and wet distorted signal. By default the mix is set to 100% WET.
  From 0% to 100%.
- **X-MODE**: the X-MODE boosts the output signal to achieve more volume in certain parts during the performance.
  ON or OFF.

N.B. If you also want the Cab Sim when the pedal is bypassed, the BUFFER BYPASS MODE is required.

BLUE Control Changes

Parameter	Control Change #	Values
DRIVE	21	0 – 127
BASS	22	0 – 127
MID	23	0 – 127
TREBLE	24	0 – 127
VOLUME	25	0 - 127
COLOR	46	0 - 127
MID Q	47	0 - 127
MID FREQ	48	0 - 127
EQ POSITION	49	0 - 127
NOISE GATE	50	0 - 127
NG THRESHOLD	51	0 - 127
NG RELEASE	52	0 - 127
NG DEPTH	53	0 - 127
COMPRESSOR	54	0 - 127
COMP SENSITIVITY	55	0 - 127
COMP OUT	56	0 - 127
CAB SIM	57	0 - 127
MIX	58	0 - 127
X-MODE	13	0 - 127

When a parameter range is not linear its values are equally divided among the 128 steps of a Control Change value.

BOOSTER

A booster to increase the level of the instrument going into the amplifier in order to add harmonics and increase the overall saturation for solo parts and whenever your instrument needs to come up over the others.

Parameters

- **DRIVE**: not available.
- **BASS**: boosts and cuts the low frequencies.
  From -6 dB to +6 dB.
- **MID**: boosts and cuts the mid frequencies.
  From -6 dB to +6 dB.
- **TREBLE**: boosts and cuts the high frequencies.
  From -6 dB to +6 dB.
- **VOLUME**: boosts the overall output level.
  From 0 to 10.
- **MID Q**: sets the bandwidth of the mid parameter EQ from narrow to wide.
  From 0.2 to 3.
- **MID FREQ**: changes the center frequency of the mid parametric EQ.
  From 80 Hz to 5000 Hz.
- **EQ POSITION**: sets the tone EQ pre or post clipping.
  PRE or POST.
- **NOISE GATE**: turns the noise gate ON or OFF.
  ON or OFF.
- **NG THRESHOLD**: adjusts the sensitivity of the gate's threshold.
  From -100 dB to 0 dB.
- **NG RELEASE**: adjusts the time of the gate's release.
  From 20 ms to 1500 ms.
- **NG DEPTH**: adjusts the gate's deepness.
  From -20 dB to -100 dB.
- **COMPRESSOR**: turns the compressor ON or OFF.
  ON or OFF.
- **COMP SENSITIVITY**: sets the sensitivity of the compressor.
  From 0 to 10.
- **COMP OUT**: sets the output level of the compressor.
  From 0 to 10.
- **CAB SIM**: selects the cabinet simulator.
  CAB 1, CAB 2, CAB 3, CAB 4, BASS, OFF.
- **MIX**: regulates the amount of the dry and wet distorted signal. By default the mix is set to 100% WET.
  From 0% to 100%.
- **X-MODE**: the X-MODE boosts the output signal to achieve more volume in certain parts during the performance.
  ON or OFF.

N.B. If you also want the Cab Sim when the pedal is bypassed, the BUFFER BYPASS MODE is required.

BOOSTER Control Changes

Parameter	Control Change #	Values
BASS	22	0 – 127
MID	23	0 – 127
TREBLE	24	0 – 127
VOLUME	25	0 - 127
MID Q	46	0 - 127
MID FREQ	47	0 - 127
EQ POSITION	48	0 - 127
NOISE GATE	49	0 - 127
NG THRESHOLD	50	0 - 127
NG RELEASE	51	0 - 127
NG DEPTH	52	0 - 127
COMPRESSOR	53	0 - 127
COMP SENSITIVITY	54	0 - 127
COMP OUT	55	0 - 127
CAB SIM	56	0 - 127
MIX	57	0 - 127
X-MODE	13	0 - 127

When a parameter range is not linear its values are equally divided among the 128 steps of a Control Change value.

H-BOOST

A treble booster to increase the presence of the instrument in order to pump up the overall saturation and add some sparkling highs for solo parts and whenever your instrument needs to come up over the others.

Parameters

- **DRIVE**: not available.
- **BASS**: boosts and cuts the low frequencies.
  From -6 dB to +6 dB.
- **MID**: boosts and cuts the mid frequencies.
  From -6 dB to +6 dB.
- **TREBLE**: boosts and cuts the high frequencies.
  From -6 dB to +6 dB.
- **VOLUME**: boosts the overall output level.
  From 0 to 10.
- **MID Q**: sets the bandwidth of the mid parameter EQ from narrow to wide.
  From 0.2 to 3.
- **MID FREQ**: changes the center frequency of the mid parametric EQ.
  From 80 Hz to 5000 Hz.
- **EQ POSITION**: sets the tone EQ pre or post clipping.
  PRE or POST.
- **NOISE GATE**: turns the noise gate ON or OFF.
  ON or OFF.
- **NG THRESHOLD**: adjusts the sensitivity of the gate's threshold.
  From -100 dB to 0 dB.
- **NG RELEASE**: adjusts the time of the gate's release.
  From 20 ms to 1500 ms.
- **NG DEPTH**: adjusts the gate's deepness.
  From -20 dB to -100 dB.
- **COMPRESSOR**: turns the compressor ON or OFF.
  ON or OFF.
- **COMP SENSITIVITY**: sets the sensitivity of the compressor.
  From 0 to 10.
- **COMP OUT**: sets the output level of the compressor.
  From 0 to 10.
- **CAB SIM**: selects the cabinet simulator.
  CAB 1, CAB 2, CAB 3, CAB 4, BASS, OFF.
- **MIX**: regulates the amount of the dry and wet distorted signal. By default the mix is set to 100% WET.
  From 0% to 100%.
- **X-MODE**: the X-MODE boosts the output signal to achieve more volume in certain parts during the performance.
  ON or OFF.

N.B. If you also want the Cab Sim when the pedal is bypassed, the BUFFER BYPASS MODE is required.

H-BOOST Control Changes

Parameter	Control Change #	Values
BASS	22	0 – 127
MID	23	0 – 127
TREBLE	24	0 – 127
VOLUME	25	0 - 127
MID Q	46	0 - 127
MID FREQ	47	0 - 127
EQ POSITION	48	0 - 127
NOISE GATE	49	0 - 127
NG THRESHOLD	50	0 - 127
NG RELEASE	51	0 - 127
NG DEPTH	52	0 - 127
COMPRESSOR	53	0 - 127
COMP SENSITIVITY	54	0 - 127
COMP OUT	55	0 - 127
CAB SIM	56	0 - 127
MIX	57	0 - 127
X-MODE	13	0 - 127

When a parameter range is not linear its values are equally divided among the 128 steps of a Control Change value.

CRUSH

This model alters the sound of the input signal by changing the sample-rate, cutoff frequency and by distorting it. This effect can produce very aggressive distorted sounds, more pronounced than overdrive stomp boxes. The low-pass filter is very creative when combined with high distortion levels.

Parameters

- **DRIVE**: increases the amount of clipping in the distortion circuit.
  From 0 to 10.
- **BASS**: boosts and cuts the low frequencies.
  From -6 dB to +6 dB.
- **MID**: boosts and cuts the mid frequencies.
  From -6 dB to +6 dB.
- **TREBLE**: boosts and cuts the high frequencies.
  From -6 dB to +6 dB.
- **VOLUME**: sets the output level.
  From 0 to 10.
- **CUTOFF**: controls the cut-off frequency for the low-pass filter.
  From 20 Hz to 20000.
- **DECIM**: selects the sample rate ratio of the processed sound.
  From 1 to 15.
- **MID Q**: sets the bandwidth of the mid parameter EQ from narrow to wide.
  From 0.2 to 3.
- **MID FREQ**: changes the center frequency of the mid parametric EQ.
  From 80 Hz to 5000 Hz.
- **EQ POSITION**: sets the tone EQ pre or post clipping.
  PRE or POST.
- **NOISE GATE**: turns the noise gate ON or OFF.
  ON or OFF.
- **NG THRESHOLD**: adjusts the sensitivity of the gate's threshold.
  From -100 dB to 0 dB.
- **NG RELEASE**: adjusts the time of the gate's release.
  From 20 ms to 1500 ms.
- **NG DEPTH**: adjusts the gate's deepness.
  From -20 dB to -100 dB.
- **COMPRESSOR**: turns the compressor ON or OFF.
  ON or OFF.
- **COMP SENSITIVITY**: sets the sensitivity of the compressor.
  From 0 to 10.
- **COMP OUT**: sets the output level of the compressor.
  From 0 to 10.
- **CAB SIM**: selects the cabinet simulator.
  CAB 1, CAB 2, CAB 3, CAB 4, BASS, OFF.

- **MIX**: regulates the amount of the dry and wet distorted signal. By default the mix is set to 100% WET. From 0% to 100%.
- **X-MODE**: the X-MODE boosts the output signal to achieve more volume in certain parts during the performance.
  ON or OFF.

N.B. If you also want the Cab Sim when the pedal is bypassed, the BUFFER BYPASS MODE is required.

CRUSH Control Changes

Parameter	Control Change #	Values
DRIVE	21	0 – 127
BASS	22	0 – 127
MID	23	0 – 127
TREBLE	24	0 – 127
VOLUME	25	0 - 127
CUTOFF	46	0 - 127
DECIM	47	0 - 127
MID Q	48	0 - 127
MID FREQ	49	0 - 127
EQ POSITION	50	0 - 127
NOISE GATE	51	0 - 127
NG THRESHOLD	52	0 - 127
NG RELEASE	53	0 - 127
NG DEPTH	54	0 - 127
COMPRESSOR	55	0 - 127
COMP SENSITIVITY	56	0 - 127
COMP OUT	57	0 - 127
CAB SIM	58	0 - 127
MIX	59	0 - 127
X-MODE	13	0 - 127

When a parameter range is not linear its values are equally divided among the 128 steps of a Control Change value.

OCTOFUZZ

Based on MXR® Blue Box™ Octave Fuzz

This Fuzz/Octave stomp box adds a crazy fuzz to your signal and then duplicates it two octaves down. This is one of the most wicked and overpowering models.

Parameters

- **DRIVE**: adjusts the ratio of fuzzed signal with octaved signal.
  From 0 to 10.
- **BASS**: boosts and cuts the low frequencies.
  From -6 dB to +6 dB.
- **MID**: boosts and cuts the mid frequencies.
  From -6 dB to +6 dB.
- **TREBLE**: boosts and cuts the high frequencies.
  From -6 dB to +6 dB.
- **VOLUME**: sets the output level.
  From 0 to 10.
- **MID Q**: sets the bandwidth of the mid parameter EQ from narrow to wide.
  From 0.2 to 3.
- **MID FREQ**: changes the center frequency of the mid parametric EQ.
  From 80 Hz to 5000 Hz.
- **EQ POSITION**: sets the tone EQ pre or post clipping.
  PRE or POST.
- **NOISE GATE**: turns the noise gate ON or OFF.
  ON or OFF.
- **NG THRESHOLD**: adjusts the sensitivity of the gate's threshold.
  From -100 dB to 0 dB.
- **NG RELEASE**: adjusts the time of the gate's release.
  From 20 ms to 1500 ms.
- **NG DEPTH**: adjusts the gate's deepness.
  From -20 dB to -100 dB.
- **COMPRESSOR**: turns the compressor ON or OFF.
  ON or OFF.
- **COMP SENSITIVITY**: sets the sensitivity of the compressor.
  From 0 to 10.
- **COMP OUT**: sets the output level of the compressor.
  From 0 to 10.
- **CAB SIM**: selects the cabinet simulator.
  CAB 1, CAB 2, CAB 3, CAB 4, BASS, OFF.
- **MIX**: regulates the amount of the dry and wet distorted signal. By default the mix is set to 100% WET.
  From 0% to 100%.

- **X-MODE**: the X-MODE boosts the output signal to achieve more volume in certain parts during the performance.
  ON or OFF.

N.B. If you also want the Cab Sim when the pedal is bypassed, the BUFFER BYPASS MODE is required.

OCTOFUZZ Control Changes

Parameter	Control Change #	Values
DRIVE	21	0 – 127
BASS	22	0 – 127
MID	23	0 – 127
TREBLE	24	0 – 127
VOLUME	25	0 - 127
MID Q	46	0 - 127
MID FREQ	47	0 - 127
EQ POSITION	48	0 - 127
NOISE GATE	49	0 - 127
NG THRESHOLD	50	0 - 127
NG RELEASE	51	0 - 127
NG DEPTH	52	0 - 127
COMPRESSOR	53	0 - 127
COMP SENSITIVITY	54	0 - 127
COMP OUT	55	0 - 127
CAB SIM	56	0 - 127
MIX	57	0 - 127
X-MODE	13	0 - 127

When a parameter range is not linear its values are equally divided among the 128 steps of a Control Change value.

PURPLE

Based on Roger Mayer™ Octavia

This effect was first used on the early Jimi Hendrix songs. It is a fuzz box with frequency-doubling circuitry that produces a second note an octave above the fundamental note. This was first used on “Purple Haze” and “Fire”.

Parameters

- **DRIVE**: adjusts the ratio of fuzzed signal with octaved signal.
  From 0 to 10.
- **BASS**: boosts and cuts the low frequencies.
  From -6 dB to +6 dB.
- **MID**: boosts and cuts the mid frequencies.
  From -6 dB to +6 dB.
- **TREBLE**: boosts and cuts the high frequencies.
  From -6 dB to +6 dB.
- **VOLUME**: sets the output level.
  From 0 to 10.
- **MID Q**: sets the bandwidth of the mid parameter EQ from narrow to wide.
  From 0.2 to 3.
- **MID FREQ**: changes the center frequency of the mid parametric EQ.
  From 80 Hz to 5000 Hz.
- **EQ POSITION**: sets the tone EQ pre or post clipping.
  PRE or POST.
- **NOISE GATE**: turns the noise gate ON or OFF.
  ON or OFF.
- **NG THRESHOLD**: adjusts the sensitivity of the gate’s threshold.
  From -100 dB to 0 dB.
- **NG RELEASE**: adjusts the time of the gate’s release.
  From 20 ms to 1500 ms.
- **NG DEPTH**: adjusts the gate’s deepness.
  From -20 dB to -100 dB.
- **COMPRESSOR**: turns the compressor ON or OFF.
  ON or OFF.
- **COMP SENSITIVITY**: sets the sensitivity of the compressor.
  From 0 to 10.
- **COMP OUT**: sets the output level of the compressor.
  From 0 to 10.
- **CAB SIM**: selects the cabinet simulator.
  CAB 1, CAB 2, CAB 3, CAB 4, BASS, OFF.
- **MIX**: regulates the amount of the dry and wet distorted signal. By default the mix is set to 100% WET.
  From 0% to 100%.

- **X-MODE**: the X-MODE boosts the output signal to achieve more volume in certain parts during the performance.
  ON or OFF.

N.B. If you also want the Cab Sim when the pedal is bypassed, the BUFFER BYPASS MODE is required.

PURPLE Control Changes

Parameter	Control Change #	Values
DRIVE	21	0 – 127
BASS	22	0 – 127
MID	23	0 – 127
TREBLE	24	0 – 127
VOLUME	25	0 - 127
MID Q	46	0 - 127
MID FREQ	47	0 - 127
EQ POSITION	48	0 - 127
NOISE GATE	49	0 - 127
NG THRESHOLD	50	0 - 127
NG RELEASE	51	0 - 127
NG DEPTH	52	0 - 127
COMPRESSOR	53	0 - 127
COMP SENSITIVITY	54	0 - 127
COMP OUT	55	0 - 127
CAB SIM	56	0 - 127
MIX	57	0 - 127
X-MODE	13	0 - 127

When a parameter range is not linear its values are equally divided among the 128 steps of a Control Change value.

FUZZACE

Based on Arbiter® Fuzz Face®

This effect is modeled after a classic germanium transistor fuzz vintage effect. Typically used on lead guitar, this effect has remained a popular distortion effect throughout the years.

Parameters

- **DRIVE**: increases the amount of clipping in the distortion circuit.
  From 0 to 10.
- **BASS**: boosts and cuts the low frequencies.
  From -6 dB to +6 dB.
- **MID**: boosts and cuts the mid frequencies.
  From -6 dB to +6 dB.
- **TREBLE**: boosts and cuts the high frequencies.
  From -6 dB to +6 dB.
- **VOLUME**: sets the output level.
  From 0 to 10.
- **BIAS**: regulates the fuzz BIAS.
  From 0 to 10.
- **MID Q**: sets the bandwidth of the mid parameter EQ from narrow to wide.
  From 0.2 to 3.
- **MID FREQ**: changes the center frequency of the mid parametric EQ.
  From 80 Hz to 5000 Hz.
- **EQ POSITION**: sets the tone EQ pre or post clipping.
  PRE or POST.
- **NOISE GATE**: turns the noise gate ON or OFF.
  ON or OFF.
- **NG THRESHOLD**: adjusts the sensitivity of the gate's threshold.
  From -100 dB to 0 dB.
- **NG RELEASE**: adjusts the time of the gate's release.
  From 20 ms to 1500 ms.
- **NG DEPTH**: adjusts the gate's deepness.
  From -20 dB to -100 dB.
- **COMPRESSOR**: turns the compressor ON or OFF.
  ON or OFF.
- **COMP SENSITIVITY**: sets the sensitivity of the compressor.
  From 0 to 10.
- **COMP OUT**: sets the output level of the compressor.
  From 0 to 10.
- **CAB SIM**: selects the cabinet simulator.
  CAB 1, CAB 2, CAB 3, CAB 4, BASS, OFF.
- **MIX**: regulates the amount of the dry and wet distorted signal. By default the mix is set to 100% WET.
  From 0% to 100%.

- **X-MODE**: the X-MODE boosts the output signal to achieve more volume in certain parts during the performance.
  ON or OFF.

N.B. If you also want the Cab Sim when the pedal is bypassed, the BUFFER BYPASS MODE is required.

FUZZACE Control Changes

Parameter	Control Change #	Values
DRIVE	21	0 – 127
BASS	22	0 – 127
MID	23	0 – 127
TREBLE	24	0 – 127
VOLUME	25	0 - 127
BIAS	46	0 - 127
MID Q	47	0 - 127
MID FREQ	48	0 - 127
EQ POSITION	49	0 - 127
NOISE GATE	50	0 - 127
NG THRESHOLD	51	0 - 127
NG RELEASE	52	0 - 127
NG DEPTH	53	0 - 127
COMPRESSOR	54	0 - 127
COMP SENSITIVITY	55	0 - 127
COMP OUT	56	0 - 127
CAB SIM	57	0 - 127
MIX	58	0 - 127
X-MODE	13	0 - 127

When a parameter range is not linear its values are equally divided among the 128 steps of a Control Change value.

BIG-FUZZ

Based on Electro-Harmonix® Big Muff Pi

An iconic distortion pedal that has stood the test of time. Capable of tones from smooth sustain & compression to heavy buzz-saw distortion, this pedal is perfect for indie and alternative rock.

Parameters

- **DRIVE**: increases the amount of clipping in the distortion circuit.
  From 0 to 10.
- **BASS**: boosts and cuts the low frequencies.
  From -6 dB to +6 dB.
- **MID**: boosts and cuts the mid frequencies.
  From -6 dB to +6 dB.
- **TREBLE**: boosts and cuts the high frequencies.
  From -6 dB to +6 dB.
- **VOLUME**: sets the output level.
  From 0 to 10.
- **COLOR**: controls the tone of the distortion.
  From 0 to 10.
- **MID Q**: sets the bandwidth of the mid parameter EQ from narrow to wide.
  From 0.2 to 3.
- **MID FREQ**: changes the center frequency of the mid parametric EQ.
  From 80 Hz to 5000 Hz.
- **EQ POSITION**: sets the tone EQ pre or post clipping.
  PRE or POST.
- **NOISE GATE**: turns the noise gate ON or OFF.
  ON or OFF.
- **NG THRESHOLD**: adjusts the sensitivity of the gate's threshold.
  From -100 dB to 0 dB.
- **NG RELEASE**: adjusts the time of the gate's release.
  From 20 ms to 1500 ms.
- **NG DEPTH**: adjusts the gate's deepness.
  From -20 dB to -100 dB.
- **COMPRESSOR**: turns the compressor ON or OFF.
  ON or OFF.
- **COMP SENSITIVITY**: sets the sensitivity of the compressor.
  From 0 to 10.
- **COMP OUT**: sets the output level of the compressor.
  From 0 to 10.
- **CAB SIM**: selects the cabinet simulator.
  CAB 1, CAB 2, CAB 3, CAB 4, BASS, OFF.
- **MIX**: regulates the amount of the dry and wet distorted signal. By default the mix is set to 100% WET.
  From 0% to 100%.

- **X-MODE**: the X-MODE boosts the output signal to achieve more volume in certain parts during the performance.
  ON or OFF.

N.B. If you also want the Cab Sim when the pedal is bypassed, the BUFFER BYPASS MODE is required.

BIG-FUZZ Control Changes

Parameter	Control Change #	Values
DRIVE	21	0 – 127
BASS	22	0 – 127
MID	23	0 – 127
TREBLE	24	0 – 127
VOLUME	25	0 - 127
COLOR	46	0 - 127
MID Q	47	0 - 127
MID FREQ	48	0 - 127
EQ POSITION	49	0 - 127
NOISE GATE	50	0 - 127
NG THRESHOLD	51	0 - 127
NG RELEASE	52	0 - 127
NG DEPTH	53	0 - 127
COMPRESSOR	54	0 - 127
COMP SENSITIVITY	55	0 - 127
COMP OUT	56	0 - 127
CAB SIM	57	0 - 127
MIX	58	0 - 127
X-MODE	13	0 - 127

When a parameter range is not linear its values are equally divided among the 128 steps of a Control Change value.

Global Setup

The global setup menu features different settings to manage the global behavior of the pedal independent of which preset is active.

To access the Global Setup menu, hold down the PARAMETER encoder and select GLOBAL SETUP.

NAME MODE

Changes the way preset names are displayed:

- **NAME**: the display shows only the preset's name.
- **PC+NAME**: the display shows the program change number followed by its name.
- **BNK+NAME**: the display shows the currently selected preset bank followed by its name.

EXT. CTRL

Selects which type of external controller pedal is attached to the EXT. CONTROL jack.

- **TRS EXP PEDAL**: select this if the pedal connected to the EXT. CONTROL jack is a TRS type expression pedal.
- **RTS EXP PEDAL**: select this if the pedal connected to the EXT. CONTROL jack is a RTS type expression pedal.
- **N.O. SWITCH**: select this if the pedal connected to the EXT. CONTROL jack is a normally open single footswitch pedal.
- **N.C. SWITCH**: select this if the pedal connected to the EXT. CONTROL jack is a normally close single footswitch pedal.
- **N.O. DUAL SWITCH**: select this if the pedal connected to the EXT. CONTROL jack is a normally open double footswitch pedal.
- **N.C. DUAL SWITCH**: select this if the pedal connected to the EXT. CONTROL jack is a normally close double footswitch pedal.

DUAL SWITCH MODE

Selects the operative mode for the double switch pedal connected to the EXT. CONTROL jack.

- **BANK**: select this if you want to use the connected double switch pedal to browse among banks.
- **PRESET**: select this if you want to use the connected double switch pedal to browse among presets.

EXP. CALIBRATION

Starts the calibration process for the connected expression pedal.

Refer to the expression pedal calibration paragraph to learn more about calibrating an expression pedal with X-GEAR.

MIDI CHANNEL

Selects on which MIDI channel the X-GEAR pedal operates, from 1 to 16. By default, X-GEAR pedals operate to channel 1.

MIDI THRU

Selects which MIDI signals are sent to the MIDI outputs (MIDI and USB ports).

- **OFF**: no MIDI signals are sent to the MIDI outputs.
- **THRU**: the MIDI signals arriving to the X-GEAR MIDI input are sent to the X-GEAR MIDI outputs.
- **MERGE**: the MIDI signals arriving to the X-GEAR MIDI input and the MIDI signals generated by the pedal are merged and sent to the X-GEAR MIDI outputs.

MAIN VOL

Controls the master volume of the pedal from -40 dB to +3 dB.

AUX VOL

Controls the volume for the auxiliary outputs (CAB SIM OUT and HEADPHONE OUT) from -40 dB to +3 dB.

INTERFACE VOL

Controls the master volume when the pedal is set in interface mode from -40 dB to +3 dB.

By default, the volume is set to -20 dB.

MIDI CLOCK

Sets the MIDI CLOCK function.

- **OFF**: no MIDI CLOCK function is active.
- **DIN**: the MIDI CLOCK is set by the incoming MIDI clock from the MIDI input.
- **USB**: the MIDI CLOCK is set by the incoming MIDI clock from the USB input.

USB OUT

Sets what signals are sent to the USB OUT.

- **CAB OFF**: on USB OUT 1 is sent a copy of the MAIN OUT (without the CAB SIM), on USB OUT 2 is sent a copy of the dry DI signal.
- **CAB ON**: on USB OUT 1 is sent a copy of the CAB SIM OUT (with the CAB SIM), on USB OUT 2 is sent a copy of the dry DI signal.

GRND LIFT

Activates or deactivates the ground lift to remove buzzes.

BYPASS MODE

Sets the bypass technology for the pedal.

- **TRUE**: selects the true bypass technology.
- **BUFFER**: selects the buffered bypass technology.

OPERATION MODE

Sets the operative mode of the pedal to be used for live gigs or as an audio interface.

- **LIVE**: in live mode, the audio signal is taken from the analog jack inputs, processed by the DSP and sent to all outputs.
- **INTERFACE**: in interface mode, the signal is taken from the analog jack inputs, processed, and then sent to the USB outputs to a computer.
  Then the signal coming out from the computer goes back into the pedal in its USB inputs and sent to the OUTPUT (left) & CAB SIM OUT (right) outputs, which can be connected to a monitoring system.
  See the Interface Mode paragraph to learn more.

FACTORY RESET

After a confirmation this option resets the pedal to its factory status.

FW VERSION

Displays the currently installed firmware version.

Preset Setup

The preset setup menu features different settings to manage the selected preset.

To access the Preset Setup menu, hold down the PARAMETER encoder and select PRESET SETUP.

EXT. CTRL

Sets if the preset is using the External Control or not.

- **ON**: enables the external control connected (single switch or expression pedal) for the selected preset.
- **OFF**: disables the external control connected (single switch or expression pedal) for the selected preset. This is to avoid that a connected external control could potentially modify the preset.

EXT. LEARN

Starts the process of assigning the external control pedal and creating macros. See the External Control Setup paragraph for more information.

Safe Mode

SAFE MODE is very useful for playing live since it locks all the knobs to be sure that your sound does not change, if you accidentally move a knob or hit your pedal.

To activate and deactivate the SAFE MODE, press simultaneously the MODEL and PRESET encoders. A display confirmation (LOCKED and UNLOCKED) will confirm you that the mode has been activated/deactivated.

Temporary Mode

By holding down a preset's footswitch while it's off, the preset gets activated temporarily and is deactivated when the footswitch is released.

You can do this operation both when the pedal is bypassed to engage a certain effect only for a little time or while another preset is on.

If you do it while another preset is on, this mode will allow you to quickly change to the other preset by holding down its footswitch and coming back to the previous one once you release the footswitch.

CAB SIM OUT & HEADPHONES out

The CAB SIM OUT and the HEADPHONES out are both available in the rear panel.

The CAB SIM OUT is an auxiliary output that gets filtered by the Cabinet Simulator when choosing one of the 5 cabinet options inside the model parameters. The Cabinet Simulator can also be set to OFF to get a copy of the main OUTPUT if needed.

The HEADPHONES output is linked to the CAB SIM OUT therefore any decision made on the Cabinet Simulator is copied over this output too. It is used to monitor the pedal output using headphones.

Both the CAB SIM OUT and the HEADPHONES out are controlled by the AUX VOL in the GLOBAL SETUP.

If you want the Cabinet Simulator to be active even when the preset is bypassed be sure to set the BYPASS MODE to BUFFER in the GLOBAL SETUP.

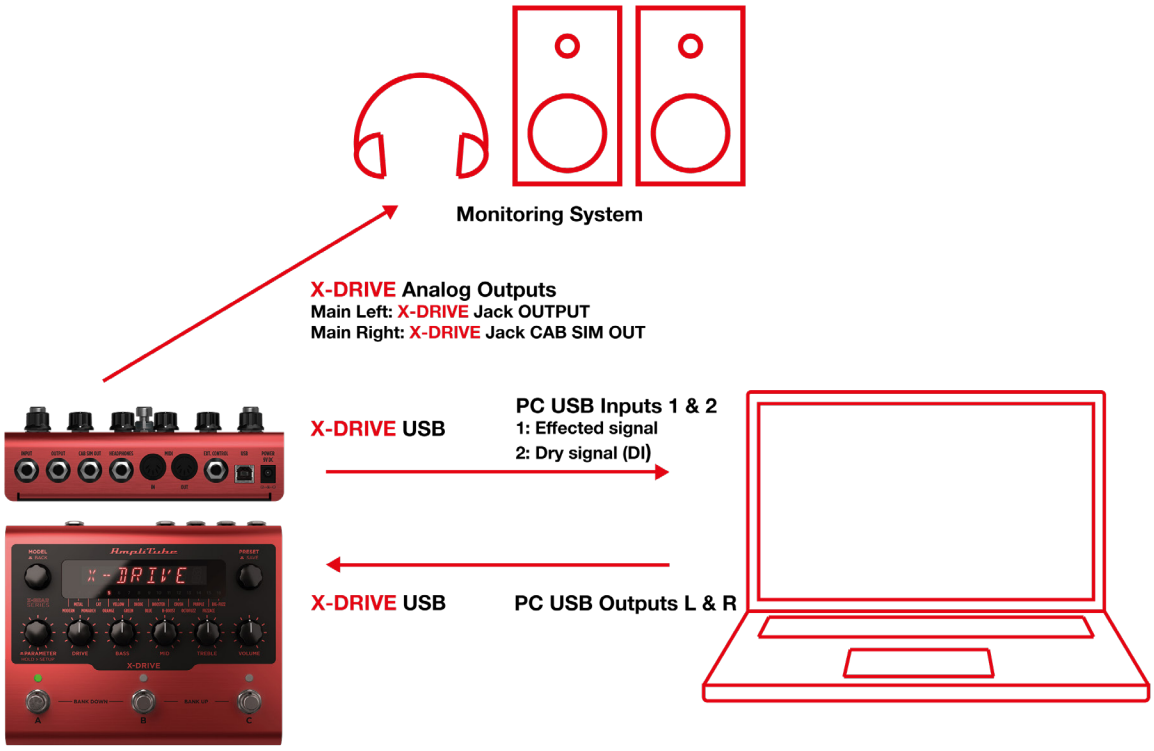
Interface Mode

Using the interface mode of the pedal you can hook it up to your computer and a monitoring system to jam and playback music directly from X-GEAR.

You can activate the INTERFACE MODE from the GLOBAL SETUP.

Connect X-GEAR to your computer using the provided USB cable and use the OUTPUT (left channel) and CAB SIM OUT (right channel) to connect the pedal to a monitoring system such as a power amplifier, active monitors, or a headphone preamplifier.

AmpliTube (or your DAW) sees the X-GEAR as a regular interface, and you can playback songs from the computer and jam along using AmpliTube (or the DAW) to monitor your session.



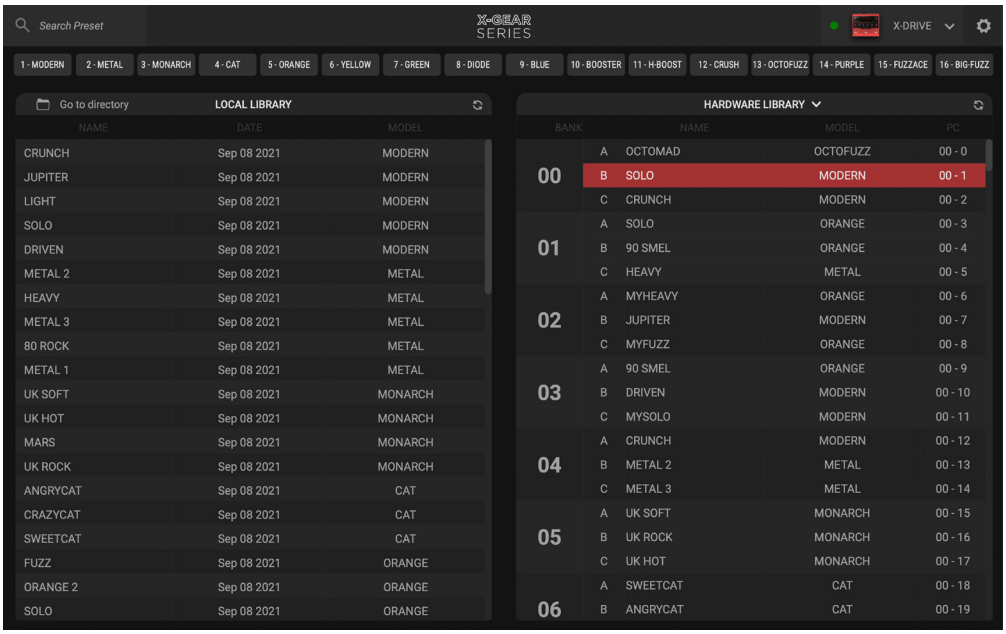
To tweak the volume of the X-GEAR when used as audio interface browse to the GLOBAL SETUP and edit the INTERFACE VOL parameter. After tweaking the volume for the first time the INTERFACE VOL parameter will be quickly accessible using the PARAMETER encoder until you select another parameter.

N.B. The headphone output is not really meant to be used in audio interface mode since it's directly connected to the CAB SIM OUT therefore it is a mono output, and you would only hear the right channel of your computer. Use a dedicated monitoring system to monitor while the pedal is in audio interface mode.

Included applications

Along with your X-GEAR you get a Librarian App to manage your presets and AmpliTube 5 SE to edit your presets from your computer and use them inside AmpliTube.

Follow the instructions found in the box to get the X-GEAR Librarian and AmpliTube 5 SE.



MIDI Specifications

X-DRIVE presents 100 numbered banks with 3 presets each for a total of 300 presets.

Since MIDI program changes can only go up to 127 the presets are split into 3 MIDI Patch Banks:

MIDI BANK 0 (CC#0 Value=0) = PRESETS 00A-63B
MIDI BANK 1 (CC#0 Value=1) = PRESETS 64A-127B
MIDI BANK 2 (CC#0 Value=2) = PRESETS 128A-149B

In each MIDI PATCH BANK, the presets are numbered sequentially:

PRESET 00A = MIDI Program #0
PRESET 00B = MIDI Program #1
PRESET 01A = MIDI Program #2
PRESET 01B = MIDI Program #3
… up to MIDI Program #127

X-DRIVE always powers up in MIDI Patch Bank 0, therefore if you stay withing the first 127 presets (00A-63B), simply send a standard MIDI Program Change message to load a preset.

If you plan to use presets above the 127th you should send a standard MIDI Bank Change message (MIDI CC# 0) with a value equal to the MIDI Bank you'd like to use before each MIDI Program Change.

MIDI Control Change Table

Parameter	Control Change #	Values
Expression	11	0 – 127
Preset ON/OFF	12	ON = 127, OFF = 0
X-MODE for the current preset	13	Bypass=0, Engaged=12
Model selector	14	1 – 16
MIDI Patch Bank	0	0 – 2

For individual parameter control changes, see each distortion model in the Distortion Models paragraph.

When a parameter range is not linear its values are equally divided among the 128 steps of a Control Change value.

Features

AmpliTube X-DRIVE

- Breakthrough software and hardware integration for guitarists
- State-of-the-art DSP in a road-worthy anodized aluminum chassis
- 16 different algorithms, 50 factory presets (300 storable presets)
- Distortion, overdrive, fuzz, compressor and more + cab emulation
- Includes exclusive virtual X-DRIVE version for use in AmpliTube 5
- USB port for preset management and use as a recording interface
- Designed and made in Italy for a lifetime of playing and gigging
- Ultra-low noise, 24-bit/192kHz converters for class-leading sound quality
- 5 Hz–24 kHz frequency response to capture the full scope of your guitar's sound
- 123 dB dynamic range provides whisper-quiet operation at any gain setting
- Selectable true or soft bypass for maximum control
- 5Hz to 24kHz frequency response to record the full range of your guitar or bass
- Versatile routing options let you send the wet and/or dry signals to your DAW
- Stereo out for monitoring sound between the X-DRIVE pedal and your computer
- Full MIDI implementation to map control of AmpliTube and/or any compatible DAW
- Fast, intuitive interface and control knobs to tweak your sound on the fly
- High-contrast LED display keeps you informed on everything, indoors and out
- Expression pedal input adds additional control over any parameter you choose
- Full MIDI implementation is built-in for even the most complex setups
- 5 cabinet impulse responses and a CAB SIM out to connect directly to the PA

Package includes

- X-DRIVE pedal
- USB A-Type to USB B-Type connection cable (1.5m/4.32ft)
- Power Supply Unit
- Plug-in and Preset Librarian serial number

Dimensions

- Size: 17.5cm/6.88" x 14.5cm/5.7" x 5.8cm/2.28"
- Weight: 906g/31.96oz

System Requirements

AmpliTube 5

AmpliTube is a 64-bit application and requires a 64-bit CPU and Operating System.

Mac® (64-bits)

- Minimal: Intel® Core™ 2 Duo (Intel Core i5 suggested), 4 GB of RAM (8 GB suggested), macOS 10.10 or later. 3 GB of hard drive space.
- Requires an OpenGL 2 compatible graphics adapter.
- Supported Plug-in formats (64-bit): Audio Units, VST 2, VST 3, AAX.

Windows® (64-bits)

- Minimal: Intel® Core™ 2 Duo or AMD Athlon™ 64 X2 (Intel Core i5 suggested), 4 GB of RAM (8 GB suggested). Windows® 7 or later. 3 GB of hard drive space.
- Requires an ASIO compatible sound card.
- Requires an OpenGL 2 compatible graphics adapter.
- Supported Plug-in formats (64-bit): VST 2, VST 3, AAX.

To use X-GEAR as audio interface on Windows devices, Windows® 10 or later is required.

AmpliTube X-GEAR series

Discover the full AmpliTube X-GEAR series:

X-DRIVE
Distortion

X-SPACE
Reverb

X-TIME
Delay

X-VIBE
Modulation

Learn more at **www.ikmultimedia.com/xgear**

IK Multimedia Production Srl
Via dell'Industria, 46,
41122 Modena
Italy

IK Multimedia US, LLC
590 Sawgrass Corporate Pkwy.
Sunrise, FL 33325
USA

IK Multimedia Asia
TB Tamachi Bldg. 1F, MBE #709
4-11-1 Shiba
Minato-ku, Tokyo 108-0014
Japan

www.ikmultimedia.com

Document Version: 1.0

Latest Update: 2021/09/21

AmpliTube X-DRIVE

用户手册

目录内容

前面板概览

1. MODEL编码器

转动MODEL编码器，在16种可用的高级算法中选择首选的X-DRIVE模型。

浏览菜单时按下返回。

2. PRESET编码器

转动PRESET编码器以浏览机器中可用的300个预设插槽。

按下以保存预设并选择其名称和库位置。

3. 参数编码器

X-DRIVE中的每个模型都有自己的参数集。

按下参数编码器以访问所选模型的附加参数。通过按下或旋转参数编码器，最后编辑的参数始终可用。

按住参数编码器可访问全局和预设设置。

4. DRIVE旋钮

DRIVE旋钮增加失真电路中的削波量。

5. BASS旋钮

BASS旋钮增强和削减低频。

6. MID旋钮

MID旋钮增强和削减中频。

7. TREBLE旋钮

TREBLE旋钮增强和削减高频。

8. VOLUME旋钮

VOLUME旋钮设置输出电平。

9. A, B & C LED指示灯

绿色绿色代表预设处于活跃状态。

琥珀色代表预设已被编辑。

琥珀色闪烁表示正在库与库之间浏览。

如果绕过则关闭。

10. A, B & C脚踏开关

按下可启用或绕过当前库的预设。

在预设打开时按住以访问所选模型的X-MODE。

在预设关闭时按住可在踩下脚踏开关时临时激活该预设。

按A+B选择较低位置的库。

按B+C选择更高位置的库。

后面板概览

1. 输入

将您的乐器插入此处。

2. 输出

连接到放大器或单块效果器。

3. 箱体SIM输出

这是箱体模拟器输出，可以直接连接到全频扬声器、PA系统或其他设备。

4. 耳机

连接一副耳机以安静地监听您的声音。

5. MIDI输入

连接到外部MIDI控制器以通过控制更改自动浏览预设和调制参数。

6. MIDI输出

连接到外部MIDI设备。通过这个端口，X-DRIVE可以在按下开关或转动旋钮的任何时候发送MIDI信息。

7. 外部控制

连接外部表情或单个开关踏板，通过单个动作控制任意参数组合。

连接一个双开关踏板，可以轻松地在库或预设之间移动。

8. USB

使用此端口将X-DRIVE作为音频接口连接到您的Mac/PC，并使用Librarian应用程序来组织和加载预设。它还可用于发送或接收MIDI信号。

9. 供电 9V DC

通过9V DC中心负电源为踏板供电。至少260mA。

固件升级

在对您的X-GEAR踏板进行任何操作之前，强烈建议将其连接到X-GEAR Librarian并检查是否有任何固件更新可更新，以确保您运行的是最新且稳定的固件。

步骤：

1. 按照包装盒中的说明在您的计算机上安装X-GEAR librarian库管理器。
2. 使用随附的USB线将踏板连接到计算机。
3. 启动X-GEAR librarian库管理器并选择连接的踏板。
4. 单击右上角的装备图标，然后单击“检查更新”。
5. 如果librarian或X-GEAR需要更新，系统会要求您这样做，然后单击“更新”，您将开始更新过程。

更新后，您可以开始使用X-GEAR踏板。

保存预设

要快速保存预设，请按住PRESET编码器直到显示屏显示SAVED。预设将以相同的名称保存在相同的位置。

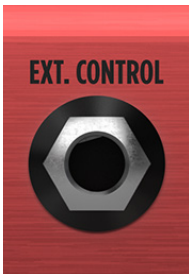
在保存预设时更改名称或位置的步骤：

1. 按PRESET编码器进入保存过程。
2. 预设名称的第一个字母开始闪烁，指示光标的位置。
3. 重命名预设：
   a. 转动PRESET编码器选择一个字符。
   b. 转动MODEL编码器来改变光标的位置。
4. 按下PRESET编码器确认名称。
5. 显示屏显示一个位置（库号和插槽）。
6. 旋转PRESET编码器以选择所需位置。
7. 按下PRESET编码器以选择位置并在所选位置使用所选名称保存预设。

注意：在选择不同的位置时，保存预设将覆盖预先存储在该位置的预设，并且新建将被复制在其上。

外部控制设置

EXT. CONTROL插孔可以连接到各种类型的外部踏板：



- 表情踏板
- 单开关
- 双开关
-

表情踏板和单开关（创建宏）

可以将表情踏板和单个开关踏板分配给一个参数或各种参数以创建宏。宏是一组参数，可以通过外部控制同时进行调制。

要使用表情踏板或单个开关踏板在所选预设上设置宏，请执行以下操作：

1. 将其连接到EXT. CONTROL。
2. 按住参数编码器并选择GLOBAL SETUP。
3. 选择EXT. CTRL并选择以下选项之一：
   a. TRS EXP PEDAL：如果您使用的是TRS类型的表情踏板。
   b. RTS EXP PEDAL：如果您使用的是RTS类型的表情踏板。
   c. N.O. SWITCH：如果您使用的是常开单开关踏板。
   d. N.C. SWITCH：如果您使用的是常闭单开关踏板。
4. 按MODEL旋钮返回并选择PRESET SETUP。
5. 在PRESET SETUP菜单中，从EXT. CTRL选项中选择ON。
6. 回到PRESET SETUP菜单，选择EXT. LEARN并选择LEARN。
7. 在显示LEARN A时，将预设的参数设置为当外部控制处于位置A时您希望的位置，然后在A设置完成后按下PRESET编码器。
8. 在显示LEARN B时，将预设参数按您希望的方式放置在外部控件位于B位置时的位置，然后在B设置完成后按下PRESET编码器。
9. 一旦按下SAVE按钮（PRESET编码器），踏板将返回其默认行为，并将宏分配给外部控件。

注意：.

在单开关踏板位置A指的是关闭状态。在表情踏板中，A指的是脚跟状态。

在单个开关踏板位置B指的是开启状态。在表情踏板位置B指的是脚尖状态。

单个开关或表情踏板的唯一区别在于，第一个从位置A到位置B的变化是即时过渡（踩下脚踏开关），而第二个是平滑过渡（移动表情踏板）。

双开关

连接双开关踏板以更轻松地浏览预设或库。

要设置双开关踏板，请执行以下操作：

1. 将其连接到EXT. CONTROL。
2. 按住参数编码器并选择GLOBAL SETUP。
3. 选择EXT. CTRL，如果您的双开关踏板常开就选择N.O. DUAL SWITCH，或者如果您的双开关踏板常闭，就选择N.C. DUAL SWITCH。
4. 在GLOBAL SETUP中浏览到DUAL SWITCH MODE，如果您想使用双开关踏板在库之间移动，就选择BANK，或者如果您希望它在预设之间移动，就选择PRESET。

表情踏板校准

如果您觉得表情踏板没有按预期工作，您可能需要对其进行校准以发挥其全部功能。

要校准表情踏板，请执行以下操作：

1. 将其连接到后面板中的EXT. CONTROL。
2. 按住参数编码器并选择GLOBAL SETUP。
3. 在GLOBAL SETUP中选择EXP. CALIBRATION。
4. 显示HEEL时，将您的表情踏板移动到其脚跟位置，然后按下参数编码器进行确认。
5. 显示TIP时，将表情踏板移动到其脚尖位置，然后按下参数编码器进行确认。
6. 当显示屏显示DONE时，校准设置完成。

失真模型

MODERN

这种过载为管状声音添加了令人愉悦的谐波。它以坚实温暖的低音重现奶油般的饱和度。

参数

- **DRIVE:** 增加失真电路中的削波量。从0到10。
- **BASS:** 增强和削减低频。从-6 dB到+6 dB。
- **MID:** 增强和削减中频。从-6 dB到+6 dB。
- **TREBLE:** 提升和削减高频。从-6 dB到+6 dB。
- **VOLUME:** 设置输出电平。从0到10。
- **COLOR:** 控制失真的音色。从0到10。
- **MID Q:** 将中间参数EQ的带宽从窄设置为宽。从0.2到3。
- **MID FREQ:** 改变中参数EQ的中心频率。从80 Hz到5000 Hz。
- **EQ POSITION:** 在剪辑前或剪辑后设置音色EQ 。PRE或POST。
- **NOISE GATE:** 打开或关闭噪声门。开或关。
- **NG THRESHOLD:** 调整门限阈值的灵敏度。从-100 dB到0 dB。
- **NG RELEASE:** 调整噪声门释音的时间。从20 毫秒到1500 毫秒。
- **NG DEPTH:** 调整噪声门的深度。从-20 dB到-100 dB。
- **COMPRESSOR:** 打开或关闭压缩器。开或关。
- **COMP SENSITIVITY:** 设置压缩器的灵敏度。从0到10。
- **COMP OUT:** 设置压缩器的输出电平。从0到10。
- **CAB SIM:** 选择箱体模拟器。CAB 1、CAB 2、CAB 3、CAB 4，BASS，OFF。
- **MIX:** 调节干湿失真信号的量。默认情况下，混合设置为100% WET。从0%到100%。
- **X-MODE:** X-MODE增强输出信号以在演奏过程中在某些部分获得更大的音量。ON或OFF 。

注意：如果您在踏板被旁路时还需要Cab Sim，则需要BUFFER BYPASS MODE。

MODERN控制变化

参数	控制变化 #	值
DRIVE	21	0 – 127
BASS	22	0 – 127
MID	23	0 – 127
TREBLE	24	0 – 127
VOLUME	25	0 - 127
COLOR	46	0 - 127
MID Q	47	0 - 127
MID FREQ	48	0 - 127
EQ POSITION	49	0 - 127
NOISE GATE	50	0 - 127
NG THRESHOLD	51	0 - 127
NG RELEASE	52	0 - 127
NG DEPTH	53	0 - 127
COMPRESSOR	54	0 - 127
COMP SENSITIVITY	55	0 - 127
COMP OUT	56	0 - 127
CAB SIM	57	0 - 127
MIX	58	0 - 127
X-MODE	13	0 - 127

当参数范围不是线性时，它的值在控制变化值的128个步骤中平均分配。

METAL

基于BOSS® MT-2

灵感来自有史以来最受欢迎的金属踏板之一，非常适合极端增益和延音。对于纯粹的失真混乱，没有什么能比得上这个踏板了。它具有冲击力、色彩和临场感，可在您的脚下塑造完美的高增益音色。

参数

- **DRIVE:** 增加失真电路中的削波量。从0到10。
- **BASS:** 增强和削减低频。从-6 dB到+6 dB。
- **MID:** 增强和削减中频。从-6 dB到+6 dB。
- **TREBLE:** 增强和削减高频。从-6 dB到+6 dB。
- **VOLUME:** 设置输出电平。从0到10。
- **PUNCH:** 增强低频。从-15 dB到15 dB。
- **COLOR:** 增强中频响应。从-15 dB到+15 dB。
- **COLOR FREQ:** 为COLOR参数选择中频。从300 Hz到6000 Hz。
- **PRESENCE:** 增强高频。从-15 dB到+15 dB。
- **MID Q:** 将中间参数EQ的带宽从窄设置为宽。从0.2到3。
- **MID FREQ:** 改变中间参数EQ的中心频率。从80 Hz到5000 Hz。
- **EQ POSITION:** 设置剪辑前或剪辑后的音色EQ。PRE或POST。
- **NOISE GATE:** 打开或关闭噪声门。开或关。
- **NG THRESHOLD:** 调整门限阈值的灵敏度。从-100 dB到0 dB。
- **NG RELEASE:** 调整噪声门释音的时间。从20 毫秒到1500 毫秒。
- **NG DEPTH:** 调整噪声门的深度。从-20 dB到-100 dB。
- **COMPRESSOR:** 打开或关闭压缩器。开或关。
- **COMP SENSITIVITY:** 设置压缩器的灵敏度。从0到10。
- **COMP OUT:** 设置压缩器的输出电平。从0到10。
- **CAB SIM:** 选择箱体模拟器。CAB 1、CAB 2、CAB 3、CAB 4、BASS、OFF。
- **MIX:** 调节干湿失真信号的量。默认情况下，混合设置为100% WET。从0%到100%。
- **X-MODE:** X-MODE增强输出信号以在演奏过程中在某些部分获得更大的音量。开或关。

注意 如果您在踏板被旁路时还需要Cab Sim，则需要BUFFER BYPASS MODE。

METAL控制变化

参数	控制变化 #	值
DRIVE	21	0 – 127
BASS	22	0 – 127
MID	23	0 – 127
TREBLE	24	0 – 127
VOLUME	25	0 - 127
PUNCH	46	0 - 127
COLOR	47	0 - 127
COLOR FREQ	48	0 - 127
PRESENCE	49	0 - 127
MID Q	50	0 - 127
MID FREQ	51	0 - 127
EQ POSITION	52	0 - 127
NOISE GATE	53	0 - 127
NG THRESHOLD	54	0 - 127
NG RELEASE	55	0 - 127
NG DEPTH	56	0 - 127
COMPRESSOR	57	0 - 127
COMP SENSITIVITY	58	0 - 127
COMP OUT	59	0 - 127
CAB SIM	60	0 - 127
MIX	61	0 - 127
X-MODE	13	0 - 127

当参数范围不是线性时，它的值在控制变化值的128个步骤中平均分配。

MONARCH

基于Marshall® Guv’ Nor

该踏板是80年代备受喜爱的失真踏板的模型，该公司以制造具有惊人失真的放大器而闻名。

参数

- **DRIVE:** 增加失真电路中的削波量。从0到10。
- **BASS:** 增强和削减低频。从-6dB到+6dB。
- **MID:** 增强和削减中频。从-6dB到+6 dB。
- **TREBLE:** 提升和削减高频。从-6 dB到+6 dB。
- **VOLUME:** 设置输出电平。从0到10。
- **COLOR:** 控制失真踏板的音色。从0到10。
- **MID Q:** 将中间参数EQ的带宽从窄设置为宽。从0.2到3。
- **MID FREQ:** 改变中参数均衡器的中心频率。从80Hz到5000Hz。
- **EQ POSITION:** 在剪辑前或剪辑后设置音色均衡器。PRE或POST。
- **NOISE GATE:** 打开或关闭噪声门。ON或OFF。
- **NG THRESHOLD:** 调整门限阈值的灵敏度。从-100 dB到0 dB。
- **NG RELEASE:** 调整噪声门释放的时间。从20毫秒到1500毫秒。
- **NG DEPTH:** 调整噪声门的深度。从-20 dB到-100 dB。
- **COMPRESSOR:** 打开或关闭压缩器。ON或OFF。
- **COMP SENSITIVITY:** 设置压缩器的灵敏度。从0到10。
- **COMP OUT:** 设置压缩器的输出电平。从0到10。
- **CAB SIM:** 选择箱体模拟器。CAB 1, CAB 2, CAB 3, CAB 4, BASS, OFF。
- **MIX:** 调节干湿失真信号的量。默认情况下，混合设置为100% WET。从0%到100%。
- **X-MODE:** X-MODE增强输出信号以在演奏过程中在某些部分获得更大的音量。ON或OFF。

注意 如果您在绕过踏板时还需要Cab Sim，则需要BUFFER BYPASS MODE。

MONARCH控制变化

参数	控制变化 #	值
DRIVE	21	0 – 127
BASS	22	0 – 127
MID	23	0 – 127
TREBLE	24	0 – 127
VOLUME	25	0 - 127
COLOR	46	0 - 127
MID Q	47	0 - 127
MID FREQ	48	0 - 127
EQ POSITION	49	0 - 127
NOISE GATE	50	0 - 127
NG THRESHOLD	51	0 - 127
NG RELEASE	52	0 - 127
NG DEPTH	53	0 - 127
COMPRESSOR	54	0 - 127
COMP SENSITIVITY	55	0 - 127
COMP OUT	56	0 - 127
CAB SIM	57	0 - 127
MIX	58	0 - 127
X-MODE	13	0 - 127

当参数范围不是线性时，它的值在控制变化值的128个步骤中平均分配。

CAT

基于ProCo® Rat™

有史以来最受欢迎的失真盒之一。从平滑、轻微的嘎吱声，到提供类似绒毛味道的极致细碎延音。自80年代初发布以来，这款踏板一直是经典之作。

参数

- **DRIVE:** 增加失真电路中的削波量。从0到10。
- **BASS:** 增强和削减低频。从-6 dB到+6 dB。
- **MID:** 增强和削减中频。从-6 dB到+6 dB。
- **TREBLE:** 增强和削减高频。从-6 dB到+6 dB。
- **VOLUME:** 设置输出电平。从0到10。
- **COLOR:** 控制失真的音色。从0到10。
- **MID Q:** 将中间参数EQ的带宽从窄设置为宽。从0.2到3。
- **MID FREQ:** 改变中参数EQ的中心频率。从80 Hz到5000 Hz。
- **EQ POSITION:** 在剪辑前或剪辑后设置音色EQ。PRE或POST。
- **NOISE GATE:** 打开或关闭噪声门。ON或OFF。
- **NG THRESHOLD:** 调整噪声门限阈值的灵敏度。从-100 dB到0 dB。
- **NG RELEASE:** 调整噪声门释放的时间。从20 毫秒到1500 毫秒。
- **NG DEPTH:** 调整噪声门的深度。从-20 dB到-100 dB。
- **COMPRESSOR:** 打开或关闭压缩器。ON或OFF。
- **COMP SENSITIVITY:** 设置压缩器的灵敏度。从0到10。
- **COMP OUT:** 设置压缩器的输出电平。从0到10。
- **CAB SIM:** 选择箱体模拟器。CAB 1, CAB 2, CAB 3, CAB 4, BASS, OFF。
- **MIX:** 调节干湿失真信号的量。默认情况下，混合设置为100% WET。从0%到100%。
- **X-MODE:** X-MODE增强输出信号以在演奏过程中在某些部分获得更大的音量。ON或OFF。

注意 如果您在绕过踏板时还需要Cab Sim，则需要 BUFFER BYPASS MODE。

CAT控制变化

参数	控制变化 #	值
DRIVE	21	0 – 127
BASS	22	0 – 127
MID	23	0 – 127
TREBLE	24	0 – 127
VOLUME	25	0 - 127
COLOR	46	0 - 127
MID Q	47	0 - 127
MID FREQ	48	0 - 127
EQ POSITION	49	0 - 127
NOISE GATE	50	0 - 127
NG THRESHOLD	51	0 - 127
NG RELEASE	52	0 - 127
NG DEPTH	53	0 - 127
COMPRESSOR	54	0 - 127
COMP SENSITIVITY	55	0 - 127
COMP OUT	56	0 - 127
CAB SIM	57	0 - 127
MIX	58	0 - 127
X-MODE	13	0 - 127

当参数范围不是线性时，它的值在控制变化值的128个步骤中平均分配。

ORANGE

基于BOSS® DS-1

这是有史以来最通用的失真盒之一。从微妙的嘎吱声到完全的疯狂，这个踏板已经被无数吉他手使用，从经典摇滚到垃圾摇滚。

参数

- **DRIVE:** 增加失真电路中的削波量。从0到10。
- **BASS:** 增强和削减低频。从-6 dB到+6 dB。
- **MID:** 增强和削减中频。从-6 dB到+6 dB。
- **TREBLE:** 增强和削减高频。从-6 dB到+6 dB。
- **VOLUME:** 设置输出电平。从0到10。
- **COLOR:** 控制失真的音色。从0到10。
- **MID Q:** 将中间参数EQ的带宽从窄设置为宽。从0.2到3。
- **MID FREQ:** 改变中参数EQ的中心频率。从80 Hz到5000 Hz。
- **EQ POSITION:** 在剪辑前或剪辑后设置音色EQ。PRE或POST。
- **NOISE GATE:** 打开或关闭噪声门。ON或OFF。
- **NG THRESHOLD:** 调整噪声门阈值的灵敏度。从-100 dB到0 dB。
- **NG RELEASE:** 调整噪声门释放的时间。从20 毫秒到1500 毫秒。
- **NG DEPTH:** 调整噪声门的深度。从-20 dB到-100 dB。
- **COMPRESSOR:** 打开或关闭压缩器。ON或OFF。
- **COMP SENSITIVITY:** 设置压缩器的灵敏度。从0到10。
- **COMP OUT:** 设置压缩器的输出电平。从0到10。
- **CAB SIM:** 选择箱体模拟器。CAB 1, CAB 2, CAB 3, CAB 4, BASS, OFF。
- **MIX:** 调节干湿失真信号的量。默认情况下，混合设置为100% WET。从0%到100%。
- **X-MODE:** X-MODE增强输出信号以在演奏过程中在某些部分获得更大的音量。ON或OFF。

注意 如果您在绕过踏板时还需要Cab Sim，则需要 BUFFER BYPASS MODE。

ORANGE控制变化

参数	控制变化 #	值
DRIVE	21	0 – 127
BASS	22	0 – 127
MID	23	0 – 127
TREBLE	24	0 – 127
VOLUME	25	0 - 127
COLOR	46	0 - 127
MID Q	47	0 - 127
MID FREQ	48	0 - 127
EQ POSITION	49	0 - 127
NOISE GATE	50	0 - 127
NG THRESHOLD	51	0 - 127
NG RELEASE	52	0 - 127
NG DEPTH	53	0 - 127
COMPRESSOR	54	0 - 127
COMP SENSITIVITY	55	0 - 127
COMP OUT	56	0 - 127
CAB SIM	57	0 - 127
MIX	58	0 - 127
X-MODE	13	0 - 127

当参数范围不是线性时，它的值在控制变化值的128个步骤中平均分配。

YELLOW

基于BOSS® SD-1

作为最早、最具收藏价值的日本踏板之一，它是有史以来最具代表性的过载踏板之一。从微妙到夸张，它在不牺牲起音清晰度的情况下更努力地推动放大器。

参数

- **DRIVE:** 增加失真电路中的削波量。从0到10。
- **BASS:** 增强和削减低频。从-6 dB到+6 dB。
- **MID:** 增强和削减中频。从-6 dB到+6 dB。
- **TREBLE:** 提升和削减高频。从-6 dB到+6 dB。
- **VOLUME:** 设置输出电平。从0到10。
- **COLOR:** 控制失真的音色。从0到10。
- **MID Q:** 将中间参数EQ的带宽从窄设置为宽。从0.2到3。
- **MID FREQ:** 改变中参数EQ的中心频率。从80 Hz到5000 Hz。
- **EQ POSITION:** 在剪辑前或剪辑后设置音色EQ。PRE或POST。
- **NOISE GATE:** 打开或关闭噪声门。ON或OFF。
- **NG THRESHOLD:** 调整噪声门阈值的灵敏度。从-100 dB到0 dB。
- **NG RELEASE:** 调整噪声门释放的时间。从20毫秒到1500毫秒。
- **NG DEPTH:** 调整噪声门的深度。从-20 dB到-100 dB。
- **COMPRESSOR:** 打开或关闭压缩器。ON或OFF。
- **COMP SENSITIVITY:** 设置压缩器的灵敏度。从0到10。
- **COMP OUT:** 设置压缩器的输出电平。从0到10。
- **CAB SIM:** 选择箱体模拟器。CAB 1, CAB 2, CAB 3, CAB 4, BASS, OFF。
- **MIX:** 调节干湿失真信号的量。默认情况下，混合设置为100% WET。从0%到100%。
- **X-MODE:** X-MODE增强输出信号以在演奏过程中在某些部分获得更大的音量。ON或OFF。

注意 如果您在踏板被旁路时还需要Cab Sim，则需要 BUFFER BYPASS MODE。

YELLOW控制变化

参数	控制变化 #	值
DRIVE	21	0 – 127
BASS	22	0 – 127
MID	23	0 – 127
TREBLE	24	0 – 127
VOLUME	25	0 - 127
COLOR	46	0 - 127
MID Q	47	0 - 127
MID FREQ	48	0 - 127
EQ POSITION	49	0 - 127
NOISE GATE	50	0 - 127
NG THRESHOLD	51	0 - 127
NG RELEASE	52	0 - 127
NG DEPTH	53	0 - 127
COMPRESSOR	54	0 - 127
COMP SENSITIVITY	55	0 - 127
COMP OUT	56	0 - 127
CAB SIM	57	0 - 127
MIX	58	0 - 127
X-MODE	13	0 - 127

当参数范围不是线性时，它的值在控制变化值的128个步骤中平均分配。

GREEN

基于Ibanez® Tube Screamer

这是经典过载/失真踏板的模型，它已成为有史以来一些最有影响力的吉他手的首选过载踏板。它有助于增强中频，保持良好的瞬态响应。

参数

- **DRIVE:** 增加失真电路中的削波量。从0到10。
- **BASS:** 增强和削减低频。从-6 dB到+6 dB。
- **MID:** 增强和削减中频。从-6 dB到+6 dB。
- **TREBLE:** 增强和削减高频。从-6 dB到+6 dB。
- **VOLUME:** 设置输出电平。从0到10。
- **COLOR:** 控制失真的音色。从0到10。
- **MID Q:** 将中间参数EQ的带宽从窄设置为宽。从0.2到3。
- **MID FREQ:** 改变中参数EQ的中心频率。从80 Hz到5000 Hz。
- **EQ POSITION:** 在剪辑前或剪辑后设置音色EQ。PRE或POST。
- **NOISE GATE:** 打开或关闭噪声门。ON或OFF。
- **NG THRESHOLD:** 调整噪声门阈值的灵敏度。从-100 dB到0 dB。
- **NG RELEASE:** 调整噪声门释放的时间。从20毫秒到1500毫秒。
- **NG DEPTH:** 调整噪声门的深度。从-20 dB到-100 dB。
- **COMPRESSOR:** 打开或关闭压缩器。ON或OFF。
- **COMP SENSITIVITY:** 设置压缩器的灵敏度。从0到10。
- **COMP OUT:** 设置压缩器的输出电平。从0到10。
- **CAB SIM:** 选择箱体模拟器。CAB 1, CAB 2, CAB 3, CAB 4, BASS, OFF。
- **MIX:** 调节干湿失真信号的量。默认情况下，混合设置为100% WET。从0%到100%。
- **X-MODE:** X-MODE增强输出信号以在演奏过程中在某些部分获得更大的音量。ON或OFF。

注意 如果您在踏板被旁路时还需要Cab Sim，则需要BUFFER BYPASS MODE。

GREEN控制变化

参数	控制变化 #	值
DRIVE	21	0 – 127
BASS	22	0 – 127
MID	23	0 – 127
TREBLE	24	0 – 127
VOLUME	25	0 - 127
COLOR	46	0 - 127
MID Q	47	0 - 127
MID FREQ	48	0 - 127
EQ POSITION	49	0 - 127
NOISE GATE	50	0 - 127
NG THRESHOLD	51	0 - 127
NG RELEASE	52	0 - 127
NG DEPTH	53	0 - 127
COMPRESSOR	54	0 - 127
COMP SENSITIVITY	55	0 - 127
COMP OUT	56	0 - 127
CAB SIM	57	0 - 127
MIX	58	0 - 127
X-MODE	13	0 - 127

当参数范围不是线性时，它的值在控制变化值的128个步骤中平均分配。

DIODE

基于MXR® Distortion+

该型号非常适合将您的放大器从轻微的过载到密集的失真。

参数

- **DRIVE:** 增加失真电路中的削波量。从0到10。
- **BASS:** 增强和削减低频。从-6 dB到+6 dB。
- **MID:** 增强和削减中频。从-6 dB到+6 dB。
- **TREBLE:** 增强和削减高频。从-6 dB到+6 dB。
- **VOLUME:** 设置输出电平。从0到10。
- **MID Q:** 将中参数EQ的带宽从窄设置为宽。从0.2到3。
- **MID FREQ:** 改变中参数EQ的中心频率。从80 Hz到5000 Hz。
- **EQ POSITION:** 在剪辑前或剪辑后设置音色EQ。PRE或POST。
- **NOISE GATE:** 打开或关闭噪声门。ON或OFF。
- **NG THRESHOLD:** 调整噪声门阈值的灵敏度。从-100 dB到0 dB。
- **NG RELEASE:** 调整噪声门释放的时间。从20毫秒到1500毫秒。
- **NG DEPTH:** 调整噪声门的深度。从-20 dB到-100 dB。
- **COMPRESSOR:** 打开或关闭压缩器。ON或OFF。
- **COMP SENSITIVITY:** 设置压缩器的灵敏度。从0到10。
- **COMP OUT:** 设置压缩器的输出电平。从0到10。
- **CAB SIM:** 选择箱体模拟器。CAB 1, CAB 2, CAB 3, CAB 4, BASS, OFF。
- **MIX:** 调节干湿失真信号的量。默认情况下，混合设置为100% WET。从0%到100%。
- **X-MODE:** X-MODE增强输出信号以在演奏过程中在某些部分获得更大的音量。ON或OFF。

注意 如果您在踏板被旁路时还需要Cab Sim，则需要BUFFER BYPASS MODE。

DIODE控制变化

参数	控制变化 #	值
DRIVE	21	0 – 127
BASS	22	0 – 127
MID	23	0 – 127
TREBLE	24	0 – 127
VOLUME	25	0 - 127
MID Q	46	0 - 127
MID FREQ	47	0 - 127
EQ POSITION	48	0 - 127
NOISE GATE	49	0 - 127
NG THRESHOLD	50	0 - 127
NG RELEASE	51	0 - 127
NG DEPTH	52	0 - 127
COMPRESSOR	53	0 - 127
COMP SENSITIVITY	54	0 - 127
COMP OUT	55	0 - 127
CAB SIM	56	0 - 127
MIX	57	0 - 127
X-MODE	13	0 - 127

当参数范围不是线性时，它的值在控制变化值的128个步骤中平均分配。

BLUE

一款非常通用的型号，最适合奶油爵士乐音色和松脆的蓝调线条。

参数

- **DRIVE:** 增加失真电路中的削波量。从0到10。
- **BASS:** 提升和削减低频。从-6 dB到+6 dB。
- **MID:** 增强和削减中频。从-6 dB到+6 dB。
- **TREBLE:** 提升和削减高频。从-6 dB到+6 dB。
- **VOLUME:** 设置输出电平。从0到10。
- **COLOR:** 控制失真的音色。从0到10。
- **MID Q:** 将中间参数EQ的带宽从窄设置为宽。从0.2到3。
- **MID FREQ:** 改变中参数EQ的中心频率。从80 Hz到5000 Hz。
- **EQ POSITION:** 在剪辑前或剪辑后设置音色EQ。PRE或POST。
- **NOISE GATE:** 打开或关闭噪声门。ON或OFF。
- **NG THRESHOLD:** 调整噪声门阈值的灵敏度。从-100 dB到0 dB。
- **NG RELEASE:** 调整噪声门释放的时间。从20毫秒到1500毫秒。
- **NG DEPTH:** 调整噪声门的深度。从-20 dB到-100 dB。
- **COMPRESSOR:** 打开或关闭压缩器。ON或OFF。
- **COMP SENSITIVITY:** 设置压缩器的灵敏度。从0到10。
- **COMP OUT:** 设置压缩器的输出电平。从0到10。
- **CAB SIM:** 选择箱体模拟器。CAB 1, CAB 2, CAB 3, CAB 4, BASS, OFF。
- **MIX:** 调节干湿失真信号的量。默认情况下，混合设置为100% WET。从0%到100%。
- **X-MODE:** X-MODE增强输出信号以在演奏过程中在某些部分获得更大的音量。ON或OFF。

注意 如果您在踏板被旁路时还需要Cab Sim，则需要BUFFER BYPASS MODE。

BLUE控制变化

参数	控制变化 #	值
DRIVE	21	0 – 127
BASS	22	0 – 127
MID	23	0 – 127
TREBLE	24	0 – 127
VOLUME	25	0 - 127
COLOR	46	0 - 127
MID Q	47	0 - 127
MID FREQ	48	0 - 127
EQ POSITION	49	0 - 127
NOISE GATE	50	0 - 127
NG THRESHOLD	51	0 - 127
NG RELEASE	52	0 - 127
NG DEPTH	53	0 - 127
COMPRESSOR	54	0 - 127
COMP SENSITIVITY	55	0 - 127
COMP OUT	56	0 - 127
CAB SIM	57	0 - 127
MIX	58	0 - 127
X-MODE	13	0 - 127

当参数范围不是线性时，它的值在控制变化值的128个步骤中平均分配。

BOOSTER

一个助推器，用于增加乐器进入放大器的电平，以便添加谐波并增加独奏部分的整体饱和度，以及您的乐器需要超越其他部分的时候。

参数

- **DRIVE:** 无。
- **BASS:** 增强和削减低频。从-6 dB到+6 dB。
- **MID:** 增强和削减中频。从-6 dB到+6 dB。
- **TREBLE:** 增强和削减高频。从-6 dB到+6 dB。
- **VOLUME:** 增强整体输出电平。从0到10。
- **MID Q:** 将中参数EQ的带宽从窄设置为宽。从0.2到3。
- **MID FREQ:** 改变中参数EQ的中心频率。从80 Hz到5000 Hz。
- **EQ POSITION:** 在剪辑前或剪辑后设置音色EQ。PRE或POST。
- **NOISE GATE:** 打开或关闭噪声门。ON或OFF。
- **NG THRESHOLD:** 调整噪声门阈值的灵敏度。从-100 dB到0 dB。
- **NG RELEASE:** 调整噪声门释放的时间。从20毫秒到1500毫秒。
- **NG DEPTH:** 调整噪声门的深度。从-20 dB到-100 dB。
- **COMPRESSOR:** 打开或关闭压缩器。ON或OFF
- **COMP SENSITIVITY:** 设置压缩器的灵敏度。从0到10。
- **COMP OUT:** 设置压缩器的输出电平。从0到10
- **CAB SIM:** 选择箱体模拟器。CAB 1, CAB 2, CAB 3, CAB 4, BASS, OFF。
- **MIX:** 调节干湿失真信号的量。默认情况下，混合设置为100% WET。从0%到100%。
- **X-MODE:** 增强输出信号以在演奏过程中在某些部分获得更大的音量。ON或OFF。

注意 如果您在踏板被旁路时还需要Cab Sim，则需要BUFFER BYPASS MODE。

BOOSTER控制变化

参数	控制变化 #	值
BASS	22	0 – 127
MID	23	0 – 127
TREBLE	24	0 – 127
VOLUME	25	0 - 127
MID Q	46	0 - 127
MID FREQ	47	0 - 127
EQ POSITION	48	0 - 127
NOISE GATE	49	0 - 127
NG THRESHOLD	50	0 - 127
NG RELEASE	51	0 - 127
NG DEPTH	52	0 - 127
COMPRESSOR	53	0 - 127
COMP SENSITIVITY	54	0 - 127
COMP OUT	55	0 - 127
CAB SIM	56	0 - 127
MIX	57	0 - 127
X-MODE	13	0 - 127

当参数范围不是线性时，它的值在控制变化值的128个步骤中平均分配。

H-BOOST

一个高音增强器，用于增加乐器的存在感，以提高整体饱和度并为独奏部分以及您的乐器需要超越其他部分时添加一些闪亮的高音。

参数

- **DRIVE:** 无。
- **BASS:** 增强和削减低频。从-6 dB到+6 dB。
- **MID:** 增强和削减中频。从-6 dB到+6 dB。
- **TREBLE:** 增强和削减高频。从-6 dB到+6 dB。
- **VOLUME:** 增强整体输出电平。从0到10。
- **MID Q:** 将中参数EQ的带宽从窄设置为宽。从0.2到3。
- **MID FREQ:** 改变中参数EQ的中心频率。从80 Hz到5000 Hz。
- **EQ POSITION:** 在剪辑前或剪辑后设置音色EQ。PRE或POST。
- **NOISE GATE:** 打开或关闭噪声门。ON或OFF。
- **NG THRESHOLD:** 调整噪声门阈值的灵敏度。从-100 dB到0 dB。
- **NG RELEASE:** 调整噪声门释放的时间。从20毫秒到1500毫秒。
- **NG DEPTH:** 调整噪声门的深度。从-20 dB到-100 dB。
- **COMPRESSOR:** 打开或关闭压缩器。ON或OFF。
- **COMP SENSITIVITY:** 设置压缩器的灵敏度。从0到10
- **COMP OUT:** 设置压缩器的输出电平。从0到10。
- **CAB SIM:** 选择箱体模拟器。CAB 1, CAB 2, CAB 3, CAB 4, BASS, OFF。
- **MIX:** 调节干湿失真信号的量。默认情况下，混合设置为100% WET。从0%到100%。
- **X-MODE:** X-MODE增强输出信号以在演奏过程中在某些部分获得更大的音量。ON或OFF。

注意 如果您在踏板被旁路时还需要Cab Sim，则需要BUFFER BYPASS MODE。

H-BOOST控制变化

参数	控制变化 #	值
BASS	22	0 – 127
MID	23	0 – 127
TREBLE	24	0 – 127
VOLUME	25	0 - 127
MID Q	46	0 - 127
MID FREQ	47	0 - 127
EQ POSITION	48	0 - 127
NOISE GATE	49	0 - 127
NG THRESHOLD	50	0 - 127
NG RELEASE	51	0 - 127
NG DEPTH	52	0 - 127
COMPRESSOR	53	0 - 127
COMP SENSITIVITY	54	0 - 127
COMP OUT	55	0 - 127
CAB SIM	56	0 - 127
MIX	57	0 - 127
X-MODE	13	0 - 127

当参数范围不是线性时，它的值在控制变化值的128个步骤中平均分配。

CRUSH

该模型通过改变采样率、截止频率和失真来改变输入信号的声音。这种效果可以产生非常激进的失真声音，比过载单块效果器更明显。低通滤波器与高失真水平相结合时非常有创意。

参数

- **DRIVE:** 增加失真电路中的削波量。从0到10。
- **BASS:** 增强和削减低频。从-6 dB到+6 dB。
- **MID:** 增强和削减中频。从-6 dB到+6 dB。
- **TREBLE:** 增强和削减高频。从-6 dB到+6 dB。
- **VOLUME:** 设置输出电平。从0到10。
- **CUTOFF:** 控制低通滤波器的截止频率。从20 Hz到20000。
- **DECIM:** 选择已处理声音的采样率比率。从1到15。
- **MID Q:** 将中参数EQ的带宽从窄设置为宽。从0.2到3。
- **MID FREQ:** 改变中参数EQ的中心频率。从80 Hz到5000 Hz。
- **EQ POSITION:** 在剪辑前或剪辑后设置音色EQ。PRE或POST。
- **NOISE GATE:** 打开或关闭噪声门。ON或OFF。
- **NG THRESHOLD:** 调整噪声门阈值的灵敏度。从-100 dB到0 dB。
- **NG RELEASE:** 调整噪声门释放的时间。从20毫秒到1500毫秒。
- **NG DEPTH:** 调整噪声门的深度。从-20 dB到-100 dB。
- **COMPRESSOR:** 打开或关闭压缩器。ON或OFF。
- **COMP SENSITIVITY:** 设置压缩器的灵敏度。从0到10。
- **COMP OUT:** 设置压缩器的输出电平。从0到10。
- **CAB SIM:** 选择箱体模拟器。CAB 1, CAB 2, CAB 3, CAB 4, BASS, OFF。
- **MIX:** 调节干湿失真信号的量。默认情况下，混合设置为100% WET。从0%到100%。
- **X-MODE:** X-MODE增强输出信号以在演奏过程中在某些部分获得更大的音量。ON或OFF。

注意 如果您在踏板被旁路时还需要Cab Sim，则需要BUFFER BYPASS MODE。

CRUSH控制变化

参数	控制变化 #	值
DRIVE	21	0 – 127
BASS	22	0 – 127
MID	23	0 – 127
TREBLE	24	0 – 127
VOLUME	25	0 - 127
CUTOFF	46	0 - 127
DECIM	47	0 - 127
MID Q	48	0 - 127
MID FREQ	49	0 - 127
EQ POSITION	50	0 - 127
NOISE GATE	51	0 - 127
NG THRESHOLD	52	0 - 127
NG RELEASE	53	0 - 127
NG DEPTH	54	0 - 127
COMPRESSOR	55	0 - 127
COMP SENSITIVITY	56	0 - 127
COMP OUT	57	0 - 127
CAB SIM	58	0 - 127
MIX	59	0 - 127
X-MODE	13	0 - 127

当参数范围不是线性时，它的值在控制变化值的128个步骤中平均分配。

OCTOFUZZ

基于MXR® Blue Box™ Octave Fuzz

这个Fuzz/Octave单块效果器为您的信号添加了一个疯狂的模糊效果，然后将它复制到两个八度以下。这是最邪恶和最强大的模型之一。

参数

- **DRIVE:** adjusts the ratio of fuzzed signal with octaved signal.
  From 0 to 10.
- **BASS:** boosts and cuts the low frequencies.
  From -6 dB to +6 dB.
- **MID:** boosts and cuts the mid frequencies.
  From -6 dB to +6 dB.
- **TREBLE:** boosts and cuts the high frequencies.
  From -6 dB to +6 dB.
- **VOLUME:** sets the output level.
  From 0 to 10.
- **MID Q:** sets the bandwidth of the mid 参数 EQ from narrow to wide.
  From 0.2 to 3.
- **MID FREQ:** changes the center frequency of the mid parametric EQ.
  From 80 Hz to 5000 Hz.
- **EQ POSITION:** sets the tone EQ pre or post clipping.
  PRE or POST.
- **NOISE GATE:** turns the noise gate ON or OFF.
  ON or OFF.
- **NG THRESHOLD:** adjusts the sensitivity of the gate’ s threshold.
  From -100 dB to 0 dB.
- **NG RELEASE:** adjusts the time of the gate’ s release.
  From 20 ms to 1500 ms.
- **NG DEPTH:** adjusts the gate’ s deepness.
  From -20 dB to -100 dB.
- **COMPRESSOR:** turns the compressor ON or OFF.
  ON or OFF.
- **COMP SENSITIVITY:** sets the sensitivity of the compressor.
  From 0 to 10.
- **COMP OUT:** sets the output level of the compressor.
  From 0 to 10.
- **CAB SIM:** selects the cabinet simulator.
  CAB 1, CAB 2, CAB 3, CAB 4, BASS, OFF.
- **MIX:** regulates the amount of the dry and wet distorted signal. By default the mix is set to 100% WET.
  From 0% to 100%.
- **X-MODE:** the X-MODE boosts the output signal to achieve more volume in certain parts during the performance.
  ON or OFF.

注意 如果您在踏板被旁路时还需要Cab Sim，则需要BUFFER BYPASS MODE。

OCTOFUZZ控制变化

参数	控制变化 #	值
DRIVE	21	0 – 127
BASS	22	0 – 127
MID	23	0 – 127
TREBLE	24	0 – 127
VOLUME	25	0 - 127
MID Q	46	0 - 127
MID FREQ	47	0 - 127
EQ POSITION	48	0 - 127
NOISE GATE	49	0 - 127
NG THRESHOLD	50	0 - 127
NG RELEASE	51	0 - 127
NG DEPTH	52	0 - 127
COMPRESSOR	53	0 - 127
COMP SENSITIVITY	54	0 - 127
COMP OUT	55	0 - 127
CAB SIM	56	0 - 127
MIX	57	0 - 127
X-MODE	13	0 - 127

当参数范围不是线性时，它的值在控制变化值的128个步骤中平均分配。

PURPLE

基于Roger Mayer™ Octavia

这种效果首先用于早期Jimi Hendrix的歌曲。它是一个带有倍频电路的模糊箱，可产生比基本音符高八度的第二个音符。这首先用于“Purple Haze”和“Fire”。

参数

- **DRIVE:** 调整模糊信号与倍频信号的比例。从0到10。
- **BASS:** 增强和削减低频。从-6 dB到+6 dB。
- **MID:** 增强和削减中频。从-6 dB到+6 dB。
- **TREBLE:** 增强和削减高频。从-6 dB到+6 dB。
- **VOLUME:** 设置输出电平。从0到10。
- **MID Q:** 将中参数EQ的带宽从窄设置为宽。从0.2到3。
- **MID FREQ:** 改变中参数EQ的中心频率。从80 Hz到5000 Hz。
- **EQ POSITION:** 在剪辑前或剪辑后设置音色EQ。PRE或POST。
- **NOISE GATE:** 打开或关闭噪声门。ON或OFF。
- **NG THRESHOLD:** 调整噪声门阈值的灵敏度。从-100 dB到0 dB。
- **NG RELEASE:** 调整噪声门释放的时间。从20毫秒到1500毫秒。
- **NG DEPTH:** 调整噪声门的深度。从-20 dB到-100 dB。
- **COMPRESSOR:** 打开或关闭压缩器。ON或OFF
- **COMP SENSITIVITY:** 设置压缩器的灵敏度。从0到10
- **COMP OUT:** 设置压缩器的输出电平。从0到10。
- **CAB SIM:** 选择箱体模拟器。CAB 1, CAB 2, CAB 3, CAB 4, BASS, OFF。
- **MIX:** 调节干湿失真信号的量。默认情况下，混合设置为100% WET。从0%到100%。
- **X-MODE:** X-MODE增强输出信号以在演奏过程中在某些部分获得更大的音量。ON或OFF。

注意 如果您在踏板被旁路时还需要Cab Sim，则需要BUFFER BYPASS MODE。

PURPLE控制变化

参数	控制变化 #	值
DRIVE	21	0 – 127
BASS	22	0 – 127
MID	23	0 – 127
TREBLE	24	0 – 127
VOLUME	25	0 - 127
MID Q	46	0 - 127
MID FREQ	47	0 - 127
EQ POSITION	48	0 - 127
NOISE GATE	49	0 - 127
NG THRESHOLD	50	0 - 127
NG RELEASE	51	0 - 127
NG DEPTH	52	0 - 127
COMPRESSOR	53	0 - 127
COMP SENSITIVITY	54	0 - 127
COMP OUT	55	0 - 127
CAB SIM	56	0 - 127
MIX	57	0 - 127
X-MODE	13	0 - 127

当参数范围不是线性时，它的值在控制变化值的128个步骤中平均分配。

FUZZACE

基于Arbiter® Fuzz Face®

这种效果模仿了经典的锗晶体管模糊复古效果。这种效果通常用于主音吉他，多年来一直是流行的失真效果。

参数

- **DRIVE:** 增加失真电路中的削波量。从0到10。
- **BASS:** 增强和削减低频。从-6 dB到+6 dB。
- **MID:** 增强和削减中频。从-6 dB到+6 dB。
- **TREBLE:** 增强和削减高频。从-6 dB到+6 dB。
- **VOLUME:** 设置输出电平。从0到10。
- **BIAS:** 调节模糊BIAS。从0到10。
- **MID Q:** 将中参数EQ的带宽从窄设置为宽。从0.2到3。
- **MID FREQ:** 改变中参数EQ的中心频率。从80 Hz到5000 Hz。
- **EQ POSITION:** 在剪辑前或剪辑后设置音色EQ。PRE或POST。
- **NOISE GATE:** 打开或关闭噪声门。ON或OFF。
- **NG THRESHOLD:** 调整噪声门阈值的灵敏度。从-100 dB到0 dB。
- **NG RELEASE:** 调整噪声门释放的时间。从20毫秒到1500毫秒。
- **NG DEPTH:** 调整噪声门的深度。从-20 dB到-100 dB。
- **COMPRESSOR:** 打开或关闭压缩器。ON或OFF。
- **COMP SENSITIVITY:** 设置压缩器的灵敏度。从0到10。
- **COMP OUT:** 设置压缩器的输出电平。从0到10。
- **CAB SIM:** 选择箱体模拟器。CAB 1, CAB 2, CAB 3, CAB 4, BASS, OFF。
- **MIX:** 调节干湿失真信号的量。默认情况下，混合设置为100% WET。从0%到100%。
- **X-MODE:** X-MODE增强输出信号以在演奏过程中在某些部分获得更大的音量。ON或OFF。

注意 如果您在踏板被旁路时还需要Cab Sim，则需要BUFFER BYPASS MODE。

FUZZACE控制变化

参数	控制变化 #	值
DRIVE	21	0 – 127
BASS	22	0 – 127
MID	23	0 – 127
TREBLE	24	0 – 127
VOLUME	25	0 - 127
BIAS	46	0 - 127
MID Q	47	0 - 127
MID FREQ	48	0 - 127
EQ POSITION	49	0 - 127
NOISE GATE	50	0 - 127
NG THRESHOLD	51	0 - 127
NG RELEASE	52	0 - 127
NG DEPTH	53	0 - 127
COMPRESSOR	54	0 - 127
COMP SENSITIVITY	55	0 - 127
COMP OUT	56	0 - 127
CAB SIM	57	0 - 127
MIX	58	0 - 127
X-MODE	13	0 - 127

当参数范围不是线性时，它的值在控制变化值的128个步骤中平均分配。

BIG-FUZZ

基于Electro-Harmonix® Big Muff Pi

经得起时间考验的标志性失真踏板。从平滑的延音和压缩到重度的嗡嗡声失真，这款踏板非常适合独立摇滚和另类摇滚。

参数

- **DRIVE:** 增加失真电路中的削波量。从0到10。
- **BASS:** 增强和削减低频。从-6 dB到+6 dB。
- **MID:** 增强和削减中频。从-6 dB到+6 dB。
- **TREBLE:** 增强和削减高频。从-6 dB到+6 dB。
- **VOLUME:** 设置输出电平。从0到10。
- **COLOR:** 控制失真的音色。从0到10。
- **MID Q:** 将中参数EQ的带宽从窄设置为宽。从0.2到3。
- **MID FREQ:** 改变中参数EQ的中心频率。从80 Hz到5000 Hz。
- **EQ POSITION:** 在剪辑前或剪辑后设置音色EQ。PRE或POST。
- **NOISE GATE:** 打开或关闭噪声门。ON或OFF。
- **NG THRESHOLD:** 调整噪声门阈值的灵敏度。从-100 dB到0 dB。
- **NG RELEASE:** 调整噪声门释放的时间。从20毫秒到1500毫秒。
- **NG DEPTH:** 调整噪声门的深度。从-20 dB到-100 dB。
- **COMPRESSOR:** 打开或关闭压缩器。ON或OFF。
- **COMP SENSITIVITY:** 设置压缩器的灵敏度。从0到10。
- **COMP OUT:** 设置压缩器的输出电平。从0到10。
- **CAB SIM:** 选择箱体模拟器。CAB 1, CAB 2, CAB 3, CAB 4, BASS, OFF。
- **MIX:** 调节干湿失真信号的量。默认情况下，混合设置为100% WET。从0%到100%。
- **X-MODE:** X-MODE增强输出信号以在演奏过程中在某些部分获得更大的音量。ON或OFF。

注意 如果您在踏板被旁路时还需要Cab Sim，则需要BUFFER BYPASS MODE。

BIG-FUZZ控制变化

参数	控制变化 #	值
DRIVE	21	0 – 127
BASS	22	0 – 127
MID	23	0 – 127
TREBLE	24	0 – 127
VOLUME	25	0 - 127
COLOR	46	0 - 127
MID Q	47	0 - 127
MID FREQ	48	0 - 127
EQ POSITION	49	0 - 127
NOISE GATE	50	0 - 127
NG THRESHOLD	51	0 - 127
NG RELEASE	52	0 - 127
NG DEPTH	53	0 - 127
COMPRESSOR	54	0 - 127
COMP SENSITIVITY	55	0 - 127
COMP OUT	56	0 - 127
CAB SIM	57	0 - 127
MIX	58	0 - 127
X-MODE	13	0 - 127

当参数范围不是线性时，它的值在控制变化值的128个步骤中平均分配。

全局设置

全局设置菜单具有不同的设置来管理踏板的全局行为，而与哪个预设处于活动状态无关。
要访问Global Setup菜单，请按住PARAMETER编码器并选择GLOBAL SETUP。

NAME MODE

更改预设名称的显示方式：

- **NAME:** 显示屏仅显示预设名称。
- **PC+NAME:** 显示屏显示程序更改编号，后跟其名称。
- **BNK+NAME:** 显示屏显示当前选择的预设库，后跟其名称。

EXT. CTRL

选择连接到EXT. CONTROL插孔的外部控制器踏板的类型。

- **TRS EXP PEDAL:** 如果连接到EXT. CONTROL插孔的踏板是TRS类型的表情踏板，请选择此项。
- **RTS EXP PEDAL:** 如果连接到EXT. CONTROL插孔的踏板是RTS类型的表情踏板，请选择此项。
- **N.O. SWITCH:** 如果连接到EXT. CONTROL插孔的踏板是常开单脚踏开关踏板，请选择此项。
- **N.C. SWITCH:** 如果连接到EXT. CONTROL插孔的踏板是常闭单脚踏开关踏板，请选择此项。
- **N.O. DUAL SWITCH:** 如果连接到EXT. CONTROL插孔的踏板是常开双脚踏开关踏板，请选择此项。
- **N.C. DUAL SWITCH:** 如果连接到EXT. CONTROL插孔的踏板是常闭双脚踏开关踏板，请选择此项。

DUAL SWITCH MODE

选择连接到EXT. CONTROL插孔的双开关踏板的操作模式。

BANK: 如果您想使用连接的双开关踏板在库之间浏览，请选择此项。

PRESET: 如果您想使用连接的双开关踏板浏览预设，请选择此项。

EXP. CALIBRATION

启动连接的表情踏板的校准过程。
请参阅表情踏板校准段落以了解有关使用X-GEAR校准表情踏板的更多信息。

MIDI CHANNEL

选择X-GEAR踏板操作的MIDI通道，从1到16。默认情况下，X-GEAR踏板操作通道1。

MIDI THRU

选择将哪些MIDI信号发送到MIDI输出（MIDI和USB端口）。

- **OFF:** 没有MIDI信号发送到MIDI输出。
- **THRU:** 到达X-GEAR MIDI输入端的MIDI信号被发送到X-GEAR MIDI输出端。
- **MERGE:** 到达X-GEAR MIDI输入的MIDI信号和踏板产生的MIDI信号合并并发送到X-GEAR MIDI输出。

MAIN VOL

控制踏板的主音量从-40 dB到+3 dB。

AUX VOL

将辅助输出（CAB SIM OUT和HEADPHONE OUT）的音量控制在-40 dB到+3 dB之间。

INTERFACE VOL

当踏板设置为接口模式时，控制主音量从-40 dB到+3 dB。默认情况下，音量设置为-20 dB。

MIDI CLOCK

设置MIDI CLOCK功能。

- **OFF:** 没有MIDI CLOCK功能处于活动状态。
- **DIN:** MIDI CLOCK由来自MIDI输入的传入MIDI时钟设置。
- **USB:** MIDI CLOCK由来自USB输入的传入MIDI时钟设置。

USB OUT

设置发送到USB OUT的信号。

- **CAB OFF:** 在USB OUT 1上发送一个MAIN OUT的副本（没有CAB SIM），在USB OUT 2上发送一个干DI信号的副本。
- **CAB ON:** 在USB OUT 1上发送CAB SIM OUT的副本（带有CAB SIM），在USB OUT 2上发送干式DI信号的副本。

GRND LIFT

激活或停用地面升降以消除嗡嗡声。

BYPASS MODE

设置踏板的旁路技术。

- **TRUE:** 选择true bypass技术。
- **BUFFER:** 选择缓冲旁路技术。

OPERATION MODE

设置踏板的操作模式以用于现场演出或用作音频接口。

- **LIVE:** 在现场模式下，音频信号取自模拟插孔输入，由DSP处理并发送到所有输出。
- **INTERFACE:** 在接口模式下，信号从模拟插孔输入端取出，经过处理，然后通过USB输出端发送到计算机。然后从计算机发出的信号通过USB输入返回踏板，并发送到OUTPUT（左）和CAB SIM OUT（右）输出，这些输出可以连接到监听系统。请参阅接口模式段落以了解更多信息。

FACTORY RESET

确认后，此选项会将踏板重置为其出厂状态。

FW VERSION

显示当前安装的固件版本。

预设设置

预设设置菜单具有不同的设置来管理选定的预设。
要访问预设设置菜单，请按住PARAMETER编码器并选择PRESET SETUP。

EXT. CTRL
Se设置预设是否使用外部控制。

- **ON:** 为选定的预设启用连接的外部控制（单个开关或表情踏板）。
- **OFF:** 禁用所选预设的外部控制连接（单个开关或表情踏板）。这是为了避免连接的外部控件可能会修改预设。

EXT. LEARN
开始分配外部控制踏板和创建宏的过程。有关详细信息，请参阅外部控制设置段落。

安全模式

SAFE MODE对于现场演奏非常有用，因为它会锁定所有旋钮，如果您不小心移动了旋钮或踩到了踏板，它会确保您的声音不会改变。

要激活和停用安全模式，请同时按下MODEL和PRESET编码器。显示确认（LOCKED和UNLOCKED）将向您确认该模式已被激活/停用。

临时模式

通过在关闭时按住预设的脚踏开关，预设会暂时激活，并在释放脚踏开关时停用。

您可以在踏板被旁路以仅在一小段时间内使用某种效果时或在另一个预设打开时执行此操作。

如果您在另一个预设打开时执行此操作，则此模式将允许您通过按住脚踏开关并在松开脚踏开关后返回到前一个预设来快速更改为另一个预设。

CAB SIM输出&HEADPHONES输出

CAB SIM OUT和HEADPHONES输出都在后面板上。

CAB SIM OUT是一个辅助输出，当在模型参数中选择5个箱体选项之一时，由箱体模拟器进行过滤。如果需要，还可以将箱体模拟器设置为关闭以获取主输出的副本。

HEADPHONES输出链接到CAB SIM OUT，因此在箱体模拟器上做出的任何决定也会复制到该输出上。它用于使用耳机监听踏板输出。

CAB SIM OUT和HEADPHONES输出都由GLOBAL SETUP中的AUX VOL控制。

如果您希望即使在预设被绕过时也能激活箱体模拟器，请务必在GLOBAL SETUP中将BYPASS MODE设置为BUFFER。

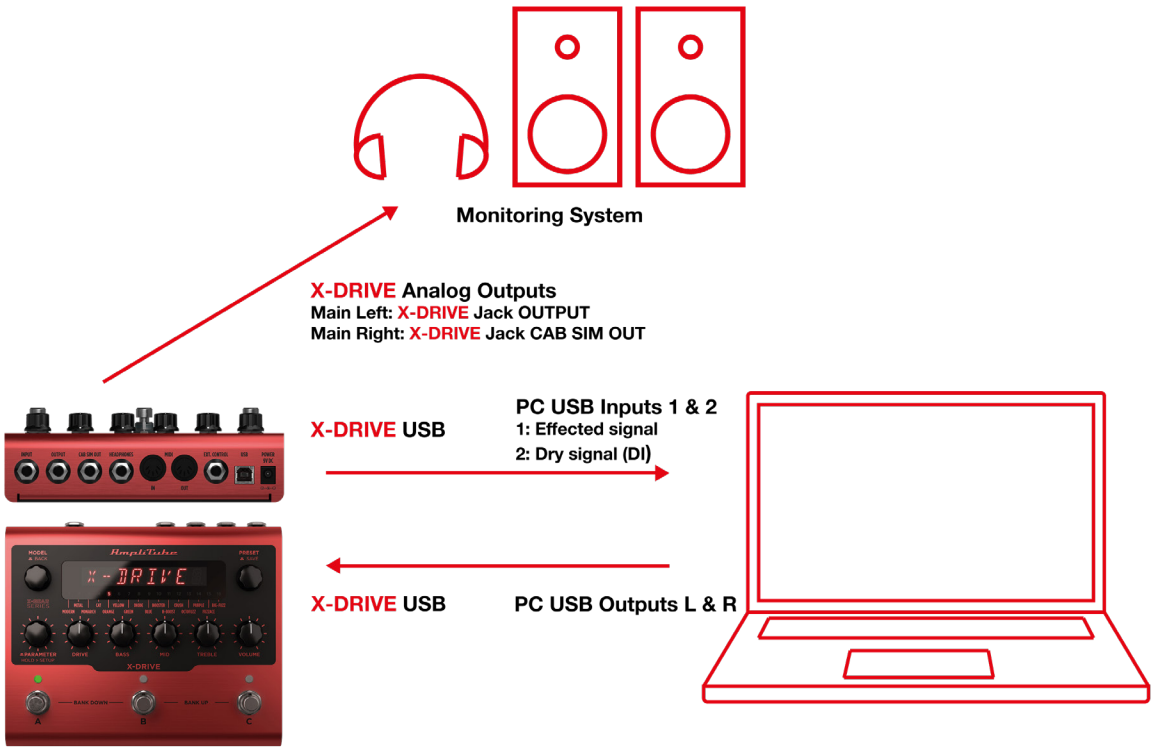
接口模式

使用踏板的接口模式，您可以将其连接到您的计算机和监听系统，以直接从X-GEAR即兴和回放音乐。

您可以从GLOBAL SETUP激活INTERFACE MODE。

使用提供的USB线将X-GEAR连接到您的计算机，并使用OUTPUT（左声道）和CAB SIM OUT（右声道）将踏板连接到监听系统，例如功率放大器、有源监听或耳机前置放大器。

AmpliTube（或您的DAW）将X-GEAR视为常规接口，您可以从计算机播放歌曲并使用AmpliTube（或DAW）来监听您的内容。



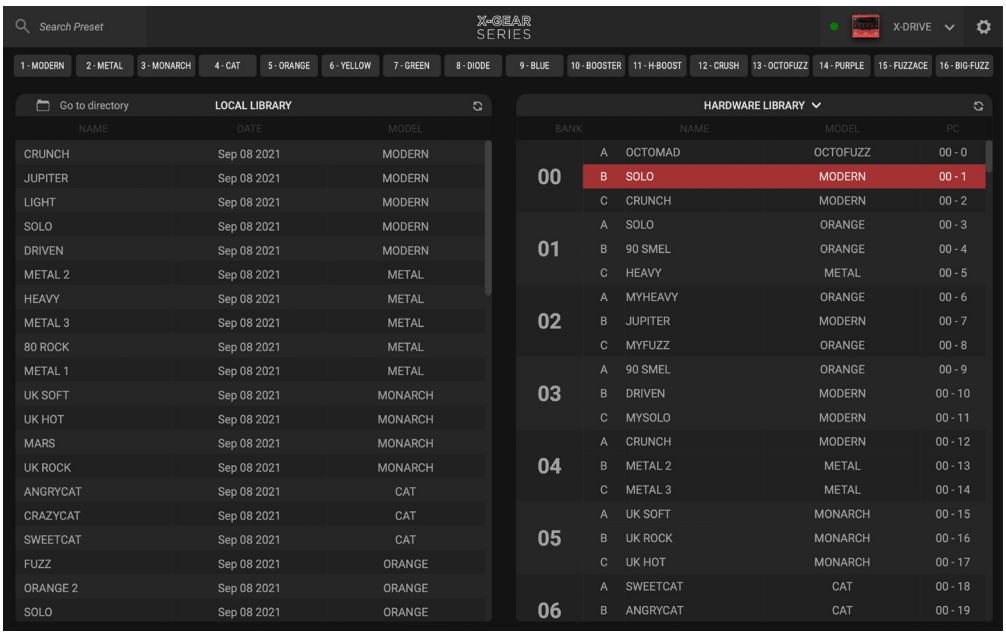
要在用作音频接口时调整X-GEAR的音量，请浏览至GLOBAL SETUP并编辑INTERFACE VOL参数。第一次调整音量后，可以使用PARAMETER编码器快速访问INTERFACE VOL参数，直到您选择另一个参数。

注意 耳机输出并非真正用于音频接口模式，因为它直接连接到CAB SIM OUT，因此它是单声道输出，您只会听到计算机的正确通道。当踏板处于音频接口模式时，使用专用监听系统进行监听。

包含的应用程序

连同您的X-GEAR，您将获得一个Librarian应用程序来管理您的预设和AmpliTube 5 SE，以从您的计算机编辑您的预设并在AmpliTube中使用它们。

按照包装盒中的说明获取X-GEAR Librarian和AmpliTube 5 SE。



MIDI参数

X-DRIVE提供100个编号的库，每个库有3个预设，总共300个预设。

由于MIDI程序更改最多只能达到127个，因此预设被分成3个MIDI Patch Bank：

MIDI BANK 0 (CC#0 Value=0) = PRESETS 00A-63B
MIDI BANK 1 (CC#0 Value=1) = PRESETS 64A-127B MIDI BANK 2 (CC#0 Value=2) = PRESETS 128A-149B

在每个MIDI PATCH BANK中，预设按顺序编号：

PRESET 00A = MIDI Program #0 PRESET 00B = MIDI Program #1 PRESET 01A = MIDI Program #2 PRESET 01B = MIDI Program #3
… 直到MIDI Program #127

X-DRIVE始终在MIDI Patch Bank 0中启动，因此如果您保持在前127个预设 (00A-63B) 内，只需发送标准MIDI程序更改消息即可加载预设。

如果你打算使用第127以后的预设，你应该发送一个标准的MIDI Bank Change信息 (MIDI CC# 0)
它的值等于您想在每次MIDI程序更改之前使用的MIDI库。

MIDI控制更改表

参数	控制变化 #	值
Expression	11	0 – 127
Preset ON/OFF	12	ON = 127, OFF = 0
X-MODE for the current preset	13	Bypass=0, Engaged=12
Model selector	14	1 – 16
MIDI Patch Bank	0	0 – 2

对于单独的参数控制更改，请参阅失真模型段落中的每个失真模型。

当参数范围不是线性时，它的值在控制变化值的128个步骤中平均分配。

功能特色

AmpliTube X-DRIVE

- 吉他手的突破性软件和硬件集成
- 在适合公路使用的阳极氧化铝底盘中配备先进的DSP
- 16种不同算法，50个出厂预设（300个可存储预设）
- 失真、过载、模糊、压缩等 + 箱体仿真
- 包括用于AmpliTube 5的独家虚拟X-DRIVE版本
- 用于预设管理和用作录音接口的USB端口
- 在意大利设计和制造，适合终生弹奏和演出
- 超低噪音、24-bit/192kHz转换器可提供一流的音质
- 5 Hz–24 kHz频率响应可捕捉吉他声音的全部范围
- 123 dB动态范围可在任何增益设置下提供安静的操作
- 可选择硬或软旁路以实现最大控制
- 5Hz 至 24kHz频率响应，可录制吉他或贝斯的全部音域
- 多功能路由选项可让您将湿信号和/或干信号发送到 DAW
- 用于监听X-DRIVE踏板和计算机之间声音的立体声输出
- 完整的MIDI实现以映射对AmpliTube和/或任何兼容DAW的控制
- 快速、直观的界面和控制旋钮，可即时调整您的声音
- 高对比度LED显示屏让您随时了解一切
- 表情踏板输入增加了对您选择的任何参数的额外控制
- 完整的MIDI实现是内置的，即使是最复杂的设置也能覆盖
- 5个箱体脉冲响应和一个CAB SIM输出可直接连接到PA

包装内容

- X-DRIVE踏板
- USB A-Type转USB B-Type连接线 (1.5m/4.32ft)
- 供电单元
- 插件和预设Librarian序列号

尺寸

- **尺寸:** 17.5cm/6.88” x 14.5cm/5.7” x 5.8cm/2.28”
- **重量:** 906g/31.96oz

系统要求

AmpliTube 5

AmpliTube是一个64位应用程序，需要64位CPU和操作系统。

Mac® (64-bits)

- 最低配置：Intel® Core™ 2 Duo（建议使用Intel Core i5）、4 GB RAM（建议使用8 GB）、macOS 10.10或更高版本。3 GB的硬盘空间。
- 需要与OpenGL 2兼容的图形适配器。
- 支持的插件格式（64位）：Audio Units、VST 2、VST 3、AAX。

Windows® (64-bits)

- 最低配置：Intel® Core™ 2 Duo或AMD Athlon™ 64 X2（建议使用Intel Core i5）、4 GB RAM（建议使用8 GB）。Windows® 7或更高版本。3 GB的硬盘空间。
- 需要兼容ASIO的声卡。
- 需要与OpenGL 2兼容的图形适配器。
- 支持的插件格式（64位）：VST2、VST3、AAX。

要在Windows设备上使用X-GEAR作为音频接口，需要Windows® 10或更高版本。

AmpliTube X-GEAR系列

发现完整的AmpliTube X-GEAR系列：

X-DRIVE
Distortion

X-SPACE
Reverb

X-TIME
Delay

X-VIBE
Modulation

更多信息请访问**www.ikmultimedia.com/xgear**

IK Multimedia Production Srl
Via dell' Industria, 46,
41122 Modena
Italy

IK Multimedia US, LLC
590 Sawgrass Corporate Pkwy.
Sunrise, FL 33325
USA

IK Multimedia Asia
TB Tamachi Bldg. 1F, MBE #709
4-11-1 Shiba
Minato-ku, Tokyo 108-0014
Japan

www.ikmultimedia.com

Document Version: 1.0

Latest Update: 2021/09/27