AmpliTube X-VIBE

USER MANUAL

English

中文

AmpliTube
X-VIBE

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Front Panel Overview

1. MODEL encoder

Turn the MODEL encoder to select the preferred X-VIBE 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-VIBE 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. SPEED knob

The SPEED knob sets the speed of the modulation. When the BPM SYNC is activated the SPEED parameter allows you to select the available Time Signatures.

5. DEPTH knob

The DEPTH knob controls the depth of the modulation.

6. BASS knob

Boosts and cuts the low frequencies.

7. MID knob

Boosts and cuts the mid frequencies.

8. TREBLE knob

Boosts and cuts the high frequencies.

9. A & B LEDs

Green if preset is active.

Amber if preset has been edited.

Blinking amber when browsing among banks.

Off if bypassed.

10. TAP LED

Blinking blue indicating LFO speed.

Blinking green indicating the current BPM.

Blinking amber means that the tempo is controlled by the MIDI clock.

11. A, B & TAP footswitches

Press A or B to engage or bypass preset of the current bank.

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

Hold A or B 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+TAP to select a higher bank.

Press TAP to tap the tempo of the modulation.

Rear Panel Overview

1. INPUT L & R

Plug your instrument in here.
If you have a mono instrument use only the left input.

2. OUTPUT L & R

Connect to an amplifier, stomp box, PA or other devices.
If you use X-VIBE with mono output use only the left output.

3. MIDI IN

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

4. MIDI OUT

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

5. 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.

6. USB

Use this port to connect X-VIBE 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.

7. POWER 9V DC

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

At least 260mA.

Firmware update

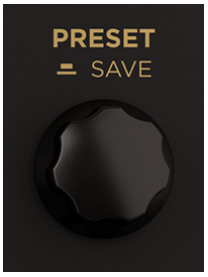
Before doing anything with your X-GEAR pedal it's highly recommended to hook it up to the X-GEAR Librarian and check if any firmware update is available to make sure you are running the most updated and stable firmware available.

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



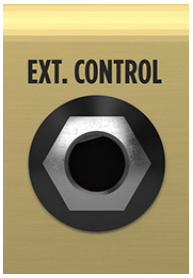
To quickly save a preset, hold down the PRESET encoder until the display shows SAVED. The preset will be saved with the same name in the same location.

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.

Modulation Models

CHORUS 80

This model is inspired by the different attempted versions that came out in the ‘80s to recreate complex stereo chorus effects. This gives you the wideness and magic of the ‘80s rock sound.

Parameters

- **SPEED**: sets the rate of the chorus effect. When the BPM SYNC is activated the SPEED parameter allows you to select the available Time Signatures.
  From 0% to 100% or from 1/32 to 1/1T when BPM SYNC is ON.
- **DEPTH**: sets the intensity of the chorus effect.
  From 0% to 100%.
- **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.
- **MID Q**: sets the bandwidth of the mid parametric 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.
- **MIX**: regulates the amount of the dry and wet modulated signal. By default the mix is set to 100% WET.
  From 0% to 100%.
- **X-MODE**: the X-MODE sets the Chorus to a deeper modulation with a higher rate for a temporary extreme effect.
  ON or OFF.

CHORUS 80 Control Changes

Parameter	Control Change #	Values
SPEED	21	0 – 127
DEPTH	22	0 – 127
BASS	23	0 – 127
MID	24	0 – 127
TREBLE	25	0 - 127
MID Q	46	0 - 127
MID FREQ	47	0 - 127
MIX	48	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.

CHORUS 1

Based on Solina String Ensemble Keyboard Chorus effect

This vintage chorus is inspired by the widening chorus effect found in the Solina String Ensemble Keyboard that can fit perfectly also in guitar tones.

Parameters

- **SPEED**: sets the rate of the chorus effect.
  From 0% to 100%.
- **DEPTH**: sets the intensity of the chorus effect.
  From 0% to 100%.
- **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.
- **MID Q**: sets the bandwidth of the mid parametric 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.
- **MIX**: regulates the amount of the dry and wet modulated signal. By default the mix is set to 100% WET.
  From 0% to 100%.
- **X-MODE**: the X-MODE sets the Chorus to a deeper modulation with a higher rate for a temporary extreme effect.
  ON or OFF.

CHORUS 1 Control Changes

Parameter	Control Change #	Values
SPEED	21	0 – 127
DEPTH	22	0 – 127
BASS	23	0 – 127
MID	24	0 – 127
TREBLE	25	0 - 127
MID Q	46	0 - 127
MID FREQ	47	0 - 127
MIX	48	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.

CHORUS X

Based on Roland RS Series

This is a very versatile model based on the chorus effect of the RS series of synthesizers by Roland that also became one of the preferred choruses for guitarists all over the world.

Parameters

- **SPEED**: sets the rate of the chorus effect.
  From 0% to 100%.
- **DEPTH**: sets the intensity of the chorus effect.
  From 0% to 100%.
- **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.
- **MID Q**: sets the bandwidth of the mid parametric 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.
- **MIX**: regulates the amount of the dry and wet modulated signal. By default the mix is set to 100% WET.
  From 0% to 100%.
- **X-MODE**: the X-MODE sets the Chorus to a deeper modulation with a higher rate for a temporary extreme effect.
  ON or OFF.

CHORUS X Control Changes

Parameter	Control Change #	Values
SPEED	21	0 – 127
DEPTH	22	0 – 127
BASS	23	0 – 127
MID	24	0 – 127
TREBLE	25	0 - 127
MID Q	46	0 - 127
MID FREQ	47	0 - 127
MIX	48	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.

60 VIBE

Based on Univox™ Uni-Vibe™

This model offers two working modes: chorus and vibrato. Its legendary chorus mode is a chorus/rotating-speaker simulator that was introduced in 1969. This created a swirling effect quite similar to a rotary speaker cabinet, but with the addition of a continuous speed control.

Parameters

- **SPEED**: sets the rate of the effect. When the BPM SYNC is activated the SPEED parameter allows you to select the available Time Signatures.
  From 0% to 100% or from 1/32 to 1/1T when BPM SYNC is ON.
- **DEPTH**: sets the intensity of the effect.
  From 0% to 100%.
- **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.
- **MODE**: selects between the Chorus or Vibrato mode.
  CHORUS or VIBRATO.
- **MID Q**: sets the bandwidth of the mid parametric 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.
- **MIX**: regulates the amount of the dry and wet modulated signal. By default the mix is set to 100% WET.
  From 0% to 100%.
- **X-MODE**: the X-MODE sets the effect to a deeper modulation with a higher rate for a temporary extreme effect.
  ON or OFF.

60 VIBE Control Changes

Parameter	Control Change #	Values
SPEED	21	0 – 127
DEPTH	22	0 – 127
BASS	23	0 – 127
MID	24	0 – 127
TREBLE	25	0 - 127
MODE	46	0 - 127
MID Q	47	0 - 127
MID FREQ	48	0 - 127
MIX	49	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.

PHAZER 9

Based on MXR® Phase 90

This effect is one of the most popular phase pedals of all times. Used by a wide range of first-class guitarists, this unit can add a little bit of shimmer to your solos or generate a smooth, watery effect while playing chords and muted strumming.

Parameters

- **SPEED**: sets the rate of the phaser effect. When the BPM SYNC is activated the SPEED parameter allows you to select the available Time Signatures.
  From 0% to 100% or from 1/32 to 1/1T when BPM SYNC is ON.
- **DEPTH**: sets the intensity of the phaser effect.
  From 0% to 100%.
- **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.
- **MID Q**: sets the bandwidth of the mid parametric 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.
- **MIX**: regulates the amount of the dry and wet modulated signal. By default the mix is set to 100% WET.
  From 0% to 100%.
- **X-MODE**: the X-MODE sets the phaser to a deeper modulation with a higher rate for a temporary extreme effect.
  ON or OFF.

PHAZER 9 Control Changes

Parameter	Control Change #	Values
SPEED	21	0 – 127
DEPTH	22	0 – 127
BASS	23	0 – 127
MID	24	0 – 127
TREBLE	25	0 - 127
MID Q	46	0 - 127
MID FREQ	47	0 - 127
MIX	48	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.

PHAZER 10

Based on MXR® Phaser 100

A model of a classic analog phaser that offers 4 different modes characterized by their different intensity and shape.

Parameters

- **SPEED**: sets the rate of the phaser effect. When the BPM SYNC is activated the SPEED parameter allows you to select the available Time Signatures.
  From 0% to 100% or from 1/32 to 1/1T when BPM SYNC is ON.
- **DEPTH**: sets the intensity of the effect.
  From 0% to 100%.
- **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.
- **MODE**: selects one of the four different phaser modes.
  From 1 to 4.
- **MID Q**: sets the bandwidth of the mid parametric 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.
- **MIX**: regulates the amount of the dry and wet modulated signal. By default the mix is set to 100% WET.
  From 0% to 100%.
- **X-MODE**: the X-MODE sets the phaser to a deeper modulation with a higher rate for a temporary extreme effect.
  ON or OFF.

PHAZER 10 Control Changes

Parameter	Control Change #	Values
SPEED	21	0 – 127
DEPTH	22	0 – 127
BASS	23	0 – 127
MID	24	0 – 127
TREBLE	25	0 - 127
MODE	46	0 - 127
MID Q	47	0 - 127
MID FREQ	48	0 - 127
MIX	49	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.

PHAZER CL

This model is inspired by one of the most iconic and classic analog phase shift effects heard throughout the 1970s.

Parameters

- **SPEED**: sets the rate of the phaser effect. When the BPM SYNC is activated the SPEED parameter allows you to select the available Time Signatures.
  From 0% to 100% or from 1/32 to 1/1T when BPM SYNC is ON.
- **DEPTH**: sets the intensity of the effect.
  From 0% to 100%.
- **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.
- **COLOR**: adjusts which frequencies are affected by the phasing action.
  From -10 to +10.
- **MID Q**: sets the bandwidth of the mid parametric 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.
- **MIX**: regulates the amount of the dry and wet modulated signal. By default the mix is set to 100% WET.
  From 0% to 100%.
- **X-MODE**: the X-MODE engages a higher depth and adds a resonant effect to the modulation
  ON or OFF.

PHAZER CL Control Changes

Parameter	Control Change #	Values
SPEED	21	0 – 127
DEPTH	22	0 – 127
BASS	23	0 – 127
MID	24	0 – 127
TREBLE	25	0 - 127
COLOR	46	0 - 127
MID Q	47	0 - 127
MID FREQ	48	0 - 127
MIX	49	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.

FOX

Based on fOXX® Foot Phaser

An early vintage phaser with a unique and distinctive sound. In addition to the standard controls for a phaser, it offers a feedback parameter that lets you change the sound from a smooth phazy to an edgy modulated effect.

Parameters

- **SPEED**: select between 4 fixed speeds.
  From 1 to 4.
- **DEPTH**: sets the intensity of the phaser effect.
  From 0% to 100%.
- **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.
- **FEEDBACK**: Controls the feedback of the phaser effect.
  From 0% to 100%.
- **MID Q**: sets the bandwidth of the mid parametric 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.
- **MIX**: regulates the amount of the dry and wet modulated signal. By default the mix is set to 100% WET.
  From 0% to 100%.
- **X-MODE**: the X-MODE engages a higher depth and adds a resonant effect to the modulation.
  ON or OFF.

FOX Control Changes

Parameter	Control Change #	Values
SPEED	21	0 – 127
DEPTH	22	0 – 127
BASS	23	0 – 127
MID	24	0 – 127
TREBLE	25	0 - 127
FEEDBACK	46	0 - 127
MID Q	47	0 - 127
MID FREQ	48	0 - 127
MIX	49	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.

STONE

Based on Electro-Harmonix® Small Stone

This effect is a model of a classic analog phase shifter, capable of a range of phaser effects from gentle to outlandish swirling effects. You may wonder why it is called “small” when you hear it.

Parameters

- **SPEED**: sets the rate of the phaser effect. When the BPM SYNC is activated the SPEED parameter allows you to select the available Time Signatures.
  From 0% to 100% or from 1/32 to 1/1T when BPM SYNC is ON.
- **DEPTH**: selects SOFT or HARD intensity.
  SOFT and HARD.
- **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.
- **MID Q**: sets the bandwidth of the mid parametric 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.
- **MIX**: regulates the amount of the dry and wet modulated signal. By default the mix is set to 100% WET.
  From 0% to 100%.
- **X-MODE**: the X-MODE sets the phaser to a deeper modulation with a higher rate for a temporary extreme effect.
  ON or OFF.

STONE Control Changes

Parameter	Control Change #	Values
SPEED	21	0 – 127
DEPTH	22	0 – 127
BASS	23	0 – 127
MID	24	0 – 127
TREBLE	25	0 - 127
MID Q	46	0 - 127
MID FREQ	47	0 - 127
MIX	48	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.

ELECTRIC

Based on Electro-Harmonix® Electric Mistress

This stomp box is a model of a vintage flanger/filter matrix used by many well-known guitarists to achieve classic sounds. While it has amazing warmth, it is also capable of very versatile chorus and ring modulation type sounds.

Parameters

- **SPEED**: sets the rate of the flanger effect. When the BPM SYNC is activated the SPEED parameter allows you to select the available Time Signatures.
  From 0% to 100% or from 1/32 to 1/1T when BPM SYNC is ON.
- **DEPTH**: sets the intensity of the flanger effect.
  From 0% to 100%.
- **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.
- **COLOR**: adjusts which frequencies are affected by the flanger.
  From 0 to 20.
- **MID Q**: sets the bandwidth of the mid parametric 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.
- **MIX**: regulates the amount of the dry and wet modulated signal. By default the mix is set to 100% WET.
  From 0% to 100%.
- **X-MODE**: the X-MODE sets the flanger to modulate the high-frequency range for a temporary extreme effect.
  ON or OFF.

ELECTRIC Control Changes

Parameter	Control Change #	Values
SPEED	21	0 – 127
DEPTH	22	0 – 127
BASS	23	0 – 127
MID	24	0 – 127
TREBLE	25	0 - 127
COLOR	46	0 - 127
MID Q	47	0 - 127
MID FREQ	48	0 - 127
MIX	49	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.

DOUBLER

Based on the doubler mode of the MXR® Flanger Doubler

Primarily used to thicken in the overall tone of the instrument. Very popular in ‘90s power metal.

Parameters

- **SPEED**: sets the rate of the effect.
  From 0% to 100%.
- **DEPTH**: sets the intensity of the effect.
  From 0% to 100%.
- **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.
- **MID Q**: sets the bandwidth of the mid parametric 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.
- **MIX**: regulates the amount of the dry and wet modulated signal. By default the mix is set to 100% WET.
  From 0% to 100%.
- **X-MODE**: the X-MODE engages a higher depth and adds a crazy dizziness effect to the modulation.
  ON or OFF.

DOUBLER Control Changes

Parameter	Control Change #	Values
SPEED	21	0 – 127
DEPTH	22	0 – 127
BASS	23	0 – 127
MID	24	0 – 127
TREBLE	25	0 - 127
MID Q	46	0 - 127
MID FREQ	47	0 - 127
MIX	48	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.

METALLIC

Based on MXR® Flanger 117

A classic flanger reminiscent of the ‘80s flavor. Still, no flanger is more recognizable, making this perfect for hard-rock and psychedelic clean tones.

Parameters

- **SPEED**: sets the rate of the flanger effect. When the BPM SYNC is activated the SPEED parameter allows you to select the available Time Signatures.
  From 0% to 100% or from 1/32 to 1/1T when BPM SYNC is ON.
- **DEPTH**: sets the intensity of the flanger effect.
  From 0% to 100%.
- **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.
- **REGEN**: sets the amount of feedback happening inside the flanger.
  From 0% to 100%.
- **MANUAL**: sets the timbre of the flanging effect.
  From 0 to 10.
- **MID Q**: sets the bandwidth of the mid parametric 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.
- **MIX**: regulates the amount of the dry and wet modulated signal. By default the mix is set to 100% WET.
  From 0% to 100%.
- **X-MODE**: the X-MODE engages a higher depth and adds a resonant effect to the modulation.
  ON or OFF.

METALLIC Control Changes

Parameter	Control Change #	Values
SPEED	21	0 – 127
DEPTH	22	0 – 127
BASS	23	0 – 127
MID	24	0 – 127
TREBLE	25	0 - 127
REGEN	46	0 - 127
MANUAL	47	0 - 127
MID Q	48	0 - 127
MID FREQ	49	0 - 127
MIX	50	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.

ROTARY

This effect is a model of a rotary speaker cabinet. Rotary speaker cabinets create a lush vibrato/chorus effect that adds vibe and a tremendous third dimension to the sound.

Parameters

- **SPEED**: sets the rate of the effect. When the BPM SYNC is activated the SPEED parameter allows you to select the available Time Signatures.
  From 0% to 100% or from 1/32 to 1/1T when BPM SYNC is ON.
- **DEPTH**: sets the intensity of the effect.
  From 0% to 100%.
- **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.
- **COLOR**: sets the Balance between Drum and Horn.
  From -10 to +10.
- **DRIVE**: sets the amount of saturation in the effect.
  From 0% to 100%.
- **MID Q**: sets the bandwidth of the mid parametric 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.
- **MIX**: regulates the amount of the dry and wet modulated signal. By default the mix is set to 100% WET.
  From 0% to 100%.
- **X-MODE**: the X-MODE engages the maximum speed and adds Drive to the response.
  ON or OFF.

ROTARY Control Changes

Parameter	Control Change #	Values
SPEED	21	0 – 127
DEPTH	22	0 – 127
BASS	23	0 – 127
MID	24	0 – 127
TREBLE	25	0 - 127
COLOR	46	0 - 127
DRIVE	47	0 - 127
MID Q	48	0 - 127
MID FREQ	49	0 - 127
MIX	50	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.

TREMOLO

A fully customizable tremolo effect that offers controls over the envelope and wave shape of the modulation allowing you to set it from a smooth swell flavor to a percussive effect.

Parameters

- **SPEED**: sets the rate of the tremolo. When the BPM SYNC is activated the SPEED parameter allows you to select the available Time Signatures.
  From 0% to 100% or from 1/32 to 1/1T when BPM SYNC is ON.
- **DEPTH**: sets the intensity of the tremolo.
  From 0% to 100%.
- **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.
- **ENVELOPE**: varies the tremolo rise and fall time (how fast or slow the volume increases and decreases) for unique percussion, “reverse decay” effects and everything in between.
  From 0 to 10.
- **WAVE**: sets the wave form of the tremolo from a smooth sine wave (like vintage amps) to a choppier triangular wave to an abrupt “on/off” pulsing square wave.
  From 0 to 10.
- **MID Q**: sets the bandwidth of the mid parametric 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.
- **MIX**: regulates the amount of the dry and wet modulated signal. By default the mix is set to 100% WET.
  From 0% to 100%.
- **X-MODE**: the X-MODE engages the maximum depth and harshness.
  ON or OFF.

TREMOLO Control Changes

Parameter	Control Change #	Values
SPEED	21	0 – 127
DEPTH	22	0 – 127
BASS	23	0 – 127
MID	24	0 – 127
TREBLE	25	0 - 127
ENVELOPE	46	0 - 127
WAVE	47	0 - 127
MID Q	48	0 - 127
MID FREQ	49	0 - 127
MIX	50	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.

STEP SLICER

Add programmed rhythmic parts to your power chords and phrases with this powerful and creative beat synced slicing stomp effect. It can be setup to create anything from the most amazing tremolos to the most complex rhythm effects that always stay in perfect sync with the beat.

If you need to sync the STEP SLICER to the first beat of a measure to get a specific sound, tap once the tap tempo footswitch.

Parameters

- **SPEED**: sets the speed of the stepper. When the BPM SYNC is activated the SPEED parameter allows you to select the available Time Signatures.
  From 0% to 100% or from 1/32 to 1/1T when BPM SYNC is ON.
- **DEPTH**: sets the steepness of the level change between steps. Set it at lower positions to get a smoother effect or set it to higher positions to get a more gate-like effect.
  From 0% to 100%.
- **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.
- **SWING**: Increase this control to give to the steps a swing type quantization.
  From 0% to 100%.
- **STEP 1-8**: sets the level for each step.
  From 0% to 100%.
- **PAN 1-8**: sets the pan for each step.
  From -10 to +10.
- **MID Q**: sets the bandwidth of the mid parametric 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.
- **MIX**: regulates the amount of the dry and wet modulated signal. By default the mix is set to 100% WET.
  From 0% to 100%.
- **X-MODE**: the X-MODE engages the maximum speed.
  ON or OFF.

STEP SLICER Control Changes

Parameter	Control Change #	Values
SPEED	21	0 – 127
DEPTH	22	0 – 127
BASS	23	0 – 127
MID	24	0 – 127
TREBLE	25	0 - 127
SWING	46	0 - 127
STEP 1-8	47 - 54	0 - 127
PAN 1-8	55 - 62	0 - 127
MID Q	63	0 - 127
MID FREQ	104	0 - 127
MIX	105	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.

STEP FILTER

A powerful and deep beat-synced filter stomp effect. You can apply Low / High and Band pass analog modeled filtering on freely customizable patterns to add groove and rhythmic pulsing to your parts. This will make your guitar and bass parts sound like a rhythmic synth, if you want it!

If you need to sync the STEP FILTER to the first beat of a measure to get a specific sound, tap once the tap tempo footswitch.

Parameters

- **SPEED**: sets the speed of the stepper. When the BPM SYNC is activated the SPEED parameter allows you to select the available Time Signatures.
  From 0% to 100% or from 1/32 to 1/1T when BPM SYNC is ON.
- **DEPTH**: sets how deep the filter is modulated by the steps.
  From 0% to 100%.
- **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.
- **MODE**: sets which kind of filter will be used: high pass, band pass or low pass.
  LOW, HIGH, BAND.
- **CUTOFF**: sets the center cut-off frequency of the filter. This is the cut-off frequency the filter will have when the steps are set to half position.
  From 40 Hz to 20000 Hz.
- **RES**: sets the center resonance of the filter. This is the resonance amount the filter will have when the steps are set to half position.
  From 0 to 10.
- **SWING**: increase this control to give to the steps a swing type quantization.
  From 0% to 100%.
- **DEST**: sets what is modulated by the steps between filter cut-off and/or filter resonance. At full minimum position only cut-off frequency is modulated, at max position only resonance is modulated.
  From 0 to 10.
- **STEP 1-8**: sets the amount of modulation for each step.
  From 0% to 100%.
- **MID Q**: sets the bandwidth of the mid parametric 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.
- **MIX**: regulates the amount of the dry and wet modulated signal. By default the mix is set to 100% WET.
  From 0% to 100%.
- **X-MODE**: engages a higher depth and adds a resonant effect to the modulation.
  ON or OFF.

STEP FILTER Control Changes

Parameter	Control Change #	Values
SPEED	21	0 – 127
DEPTH	22	0 – 127
BASS	23	0 – 127
MID	24	0 – 127
TREBLE	25	0 - 127
MODE	46	0 - 127
CUTOFF	47	0 - 127
RES	48	0 - 127
SWING	49	0 - 127
DEST	50	0 - 127
STEP 1-8	51-59	0 – 127
MID Q	60	0 – 127
MID FREQ	61	0 – 127
MIX	62	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.

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.

GLOBAL BPM

Sets the BPM for all the presets with BPM MODE set to GLOBAL, from 55 to 260 BPM.

This global BPM is changed when:

- A tempo is tapped on a preset with BPM MODE set to GLOBAL.
- The MIDI CLOCK is coming from outside and sets this BPM.
- This menu voice is manually changed.

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.
- **INTERNAL**: the MIDI CLOCK is set by the pedal and sent out through both USB and MIDI outputs, the pedal acts as master.

N.B. When the MIDI CLOCK is coming from outside the TAP Tempo footswitch is disabled and is synced with the incoming tempo, its led becomes amber to get visual feedback of this status.

CAB SIM

Activates and selects the cabinet simulator.

- **OFF**: disables Cab Sim.
- **CAB 1**: activates the Cab Sim with the first cabinet IR.
- **CAB 2**: activates the Cab Sim with the second cabinet IR.
- **CAB 3**: activates the Cab Sim with the third cabinet IR.
- **CAB 4**: activates the Cab Sim with the fourth cabinet IR.
- **BASS**: activates the Cab Sim with the fifth cabinet IR.

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

USB OUT

Sets what signals are sent to the USB OUT.

- **STEREO**: the signals sent to the USB OUT are a copy of the Left & Right Outputs.
- **DUAL**: on USB OUT 1 is sent a copy of the Left & Right Outputs summed to mono, while on USB OUT 2 is sent the dry clean DI signal of the instrument (bypassing the pedal effect).

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 Left & 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.

BPM MODE

BPM MODE is an option regarding the BPM SYNC mode, to use it BPM SYNC must be ON.

- **GLOBAL**: the preset BPM follows the GLOBAL BPM of the pedal. Tapping a tempo in this mode affects only the GLOBAL BPM of the pedal.
- **PRESET**: the BPM follows the preset BPM. Preset mode is useful if it is needed to keep a precise BPM for that particular kind of preset.

NOTE: TAP Tempo will always affect both GLOBAL and PRESET BPM.

BPM SYNC

- **OFF**: the time parameter is expressed in milliseconds and there is no relationship with the PRESET or GLOBAL BPM.
- **ON**: the time parameter is expressed in time signatures of the PRESET or GLOBAL BPM depending on the BPM MODE preference.

The TAP Tempo needs always to be tapped in quarter notes. If you want different Time Signatures use the SPEED knob.

BPM

Sets the Beats Per Minute for the current preset from 55 to 260 BPM. To use this BPM, BPM SYNC must be ON and BPM MODE must be set to PRESET.

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.

Tempo, BPM Mode and tap tempo footswitch

BPM SYNC OFF

If the preset's BPM SYNC is OFF the preset tempo is expressed in percentage and is set by the SPEED knob.

When BPM SYNC is OFF the tap LED blinks blue.

When BPM SYNC is OFF it can be easily reverted to BPM SYNC ON mode by tapping in a tempo with the TAP TEMPO footswitch.

BPM SYNC ON

If BPM SYNC is ON, the preset tempo is expressed in BPM and is linked to the tap tempo footswitch. The tempo can be set by tapping quarter notes with the tap tempo footswitch and the SPEED knob lets you set the desired time signature for the repetitions.

The available time signatures are (D stands for Dotted and T stands for Triplets):

- 1/32
- 1/32D
- 1/32T
- 1/16
- 1/16D
- 1/16T
- 1/8
- 1/8D
- 1/8T
- 1/4
- 1/4D
- 1/4T
- 1/2
- 1/2D
- 1/2T
- 1/1
- 1/1D
- 1/1T

When BPM SYNC is ON the tap tempo LED blinks green.

There are some complex models that due to multiple LFOs or stepped SPEED parameters can't have a defined relation with a BPM, so for these models the BPM SYNC feature will be forced to OFF. These models are: CHORUS 1, CHORUS X, FOX, DOUBLER.

BPM MODE

BPM MODE is an option when BPM SYNC is ON.

When BPM MODE is set to PRESET the tempo follows the preset's BPM and is custom to each preset.

When BPM MODE is set to GLOBAL the tempo follows the global BPM and all presets with BPM MODE set to GLOBAL follow this BPM.

If you need to sync X-VIBE to the first beat of a measure to get a specific sound, tap once the tap tempo footswitch.

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.

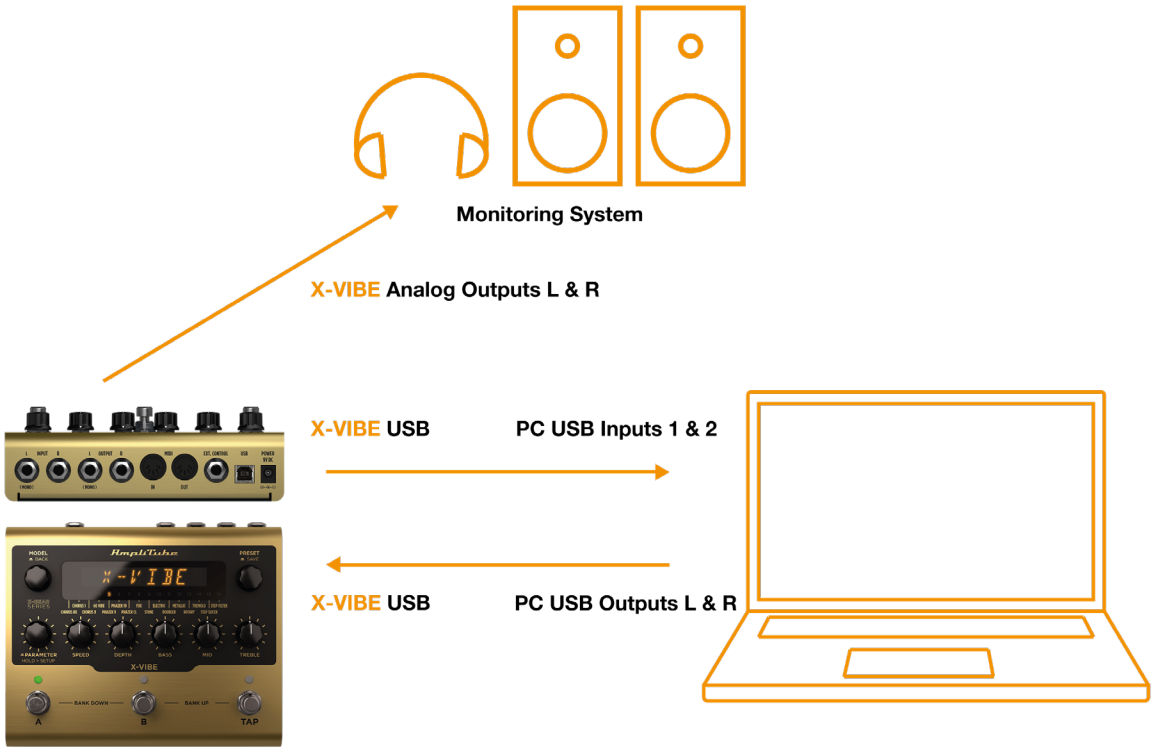
Interface Mode

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 left and right outputs 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.

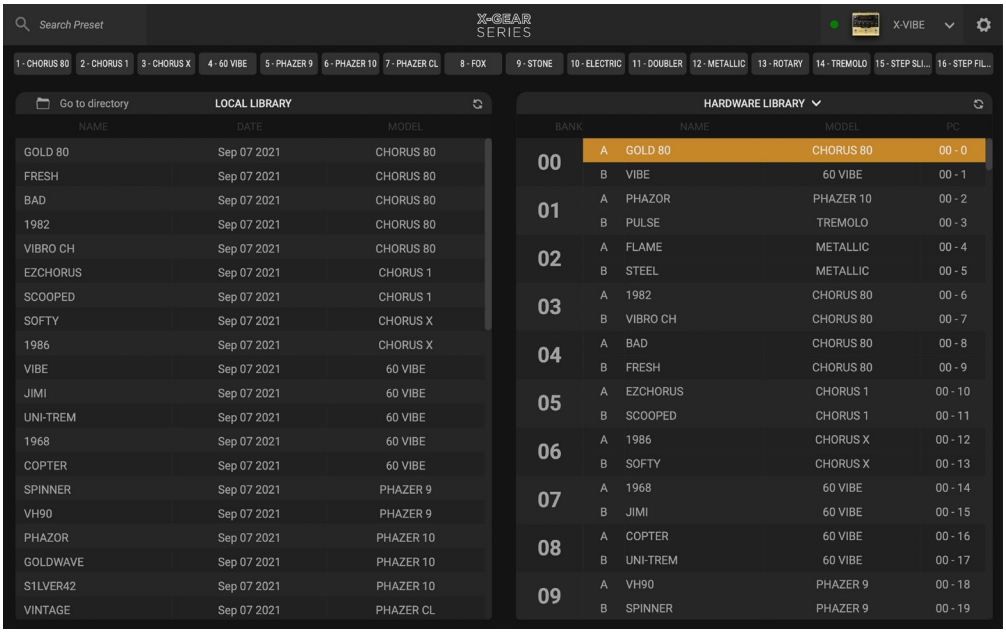


To tweak the volume of the X-GEAR when used as audio interface browse to the GLOBAL SETUP and edit the INTERFACE VOL parameter. After tweaking the volume for the first time the INTERFACE VOL parameter will be quickly accessible using the PARAMETER encoder until you select another parameter.

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-VIBE presents 150 numbered banks with 2 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-VIBE 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 modulation model in the Modulation 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-VIBE

- 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)
- Chorus, flanger, rotary and more + Tap Tempo and BPM sync
- Includes exclusive virtual X-VIBE 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
- 112 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 or dry signal to your DAW
- 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
- 5 cabinet impulse responses let you connect directly to a powered cab or PA

Package includes

- X-VIBE 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**

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Document Version: 1.0

Latest Update: 2021/09/21

AmpliTube X-VIBE

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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-VIBE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-VIBE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. SPEED旋钮

SPEED旋钮设置调制速度。当BPM SYNC被激活时，SPEED参数允许您选择可用的拍号。

5. DEPTH旋钮

DEPTH旋钮控制调制深度。

6. BASS旋钮

提升和削减低频。

7. MID旋钮

提升和削减中频。

8. TREBLE旋钮

提升和削减高频。

9. A & B LED指示灯

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. TAP LED

闪烁蓝色表示LFO速度。

闪烁绿色表示当前BPM。

闪烁琥珀色表示速度由MIDI时钟控制。

11. A, B & TAP脚踏开关

按A或B启用或绕过当前库的预设。

在预设打开时按住A或B以访问所选模型的X-MODE。

在预设关闭时按住A或B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+TAP选择更高位置的库。

按TAP轻敲调制的速度。

后面板概览

1. 输入 L & R

将您的乐器插入此处。

如果您有单声道乐器，请仅使用左侧输入。

2. 输出 L & R

连接到放大器、单块效果器、PA或其他设备。

如果您将X-VIBE与单声道输出一起使用，请仅使用左侧输出。

3. 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。

4. MIDI 输出

连接到外部MIDI设备。

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

5. 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。

6. USB

使用此端口将X-VIBE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。

7. 供电 9V DC

通过9V DC中心负电源为踏板供电。

至少260mA。

固件更新

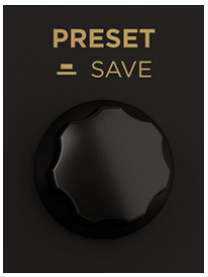
在对您的X-GEAR踏板进行任何操作之前，强烈建议将其连接到X-GEAR Librarian并检查是否有任何固件更新可更新，以确保您运行的是最新且稳定的固件。

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



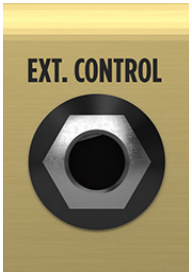
要快速保存预设，请按住PRESET编码器直到显示屏显示SAVED。
预设将以相同的名称保存在相同的位置。

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. 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&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。

调制模式

CHORUS 80

该模型的灵感来自80年代出现的不同尝试版本，以重现复杂的立体声合唱效果。这为您提供了80年代摇滚乐的广度和魔力。

参数

- **SPEED:** 设置合唱效果的速率。当BPM SYNC被激活时，SPEED参数允许您可以选择可用的拍号。当BPM SYNC打开时，从0%到100%或从1/32到1/1T。
- **DEPTH:** 设置合唱效果的强度。从0%到100%。
- **BASS:** 提升和削减低频。从-6 dB到+ 6 dB。
- **MID:** 提升和削减中频。从-6 dB到+ 6 dB。
- **TREBLE:** 提升和削减高频。从-6 dB到+ 6 dB。
- **MID Q:** 设置中参数EQ的带宽，从窄到宽。从0.2到3。
- **MID FREQ:** 改变中参数EQ的中心频率。从80 Hz到5000 Hz。
- **MIX:** 调节干湿调制信号的量。默认情况下，混合设置为100% WET。从0%到100%。
- **X-MODE:** X-MODE将合唱设置为更深的调制和更高的频率，以获得临时的极端效果。ON或OFF。

CHORUS 80 控制变化

参数	控制变化 #	值
SPEED	21	0 – 127
DEPTH	22	0 – 127
BASS	23	0 – 127
MID	24	0 – 127
TREBLE	25	0 - 127
MID Q	46	0 - 127
MID FREQ	47	0 - 127
MIX	48	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。

CHORUS 1

基于Solina String Ensemble键盘合唱效果

这种复古合唱的灵感来自Solina弦乐合奏键盘中的加宽合唱效果，它也可以完美地融入吉他音色。

参数

- **SPEED:** 设置合唱效果的速率。从0%到100%。
- **DEPTH:** 设置合唱效果的强度。从0%到100%。
- **BASS:** 提升和削减低频。从-6 dB到+ 6 dB。
- **MID:** 提升和削减中频。从-6 dB到+ 6 dB。
- **TREBLE:** 提升和削减高频。从-6 dB到+ 6 dB。
- **MID Q:** 设置中参数EQ的带宽，从窄到宽。从0.2到3。
- **MID FREQ:** 改变中参数EQ的中心频率。从80 Hz到5000 Hz。
- **MIX:** 调节干湿调制信号的量。默认情况下，混合设置为100% WET。从0%到100%。
- **X-MODE:** X-MODE将合唱设置为更深的调制和更高的频率，以获得临时的极端效果。ON或OFF。

CHORUS 1 控制变化

参数	控制变化 #	值
SPEED	21	0 – 127
DEPTH	22	0 – 127
BASS	23	0 – 127
MID	24	0 – 127
TREBLE	25	0 - 127
MID Q	46	0 - 127
MID FREQ	47	0 - 127
MIX	48	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。

CHORUS X

基于Roland RS系列

这是一款基于Roland的RS系列合成器的合唱效果的非常通用的模型，也成为全世界吉他手首选的合唱效果之一。

参数

- **SPEED:** 设置合唱效果的速率。从0%到100%。
- **DEPTH:** 设置合唱效果的强度。从0%到100%。
- **BASS:** 提升和削减低频。从-6 dB到+ 6 dB。
- **MID:** 提升和削减中频。从-6 dB到+ 6 dB。
- **TREBLE:** 提升和削减高频。从-6 dB到+ 6 dB。
- **MID Q:** 设置中参数EQ的带宽，从窄到宽。从0.2到3。
- **MID FREQ:** 改变中参数EQ的中心频率。从80 Hz到5000 Hz。
- **MIX:** 调节干湿调制信号的量。默认情况下，混合设置为100% WET。从0%到100%。
- **X-MODE:** X-MODE将合唱设置为更深的调制和更高的频率，以获得临时的极端效果。ON或OFF。

CHORUS X 控制变化

参数	控制变化 #	值
SPEED	21	0 – 127
DEPTH	22	0 – 127
BASS	23	0 – 127
MID	24	0 – 127
TREBLE	25	0 - 127
MID Q	46	0 - 127
MID FREQ	47	0 - 127
MIX	48	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。

60 VIBE

基于Univox™ Uni-Vibe™

该型号提供两种工作模式：合唱和颤音。其著名的合唱模式是1969年推出的合唱/旋转扬声器模拟器。这产生了与旋转扬声器箱体非常相似的旋转效果，但增加了连续速度控制。

参数

- **SPEED:** 设置效果的速率。当BPM SYNC被激活时，SPEED参数允许您可以选择可用的拍号。当BPM SYNC打开时，从0%到100%或从1/32到1/1T。
- **DEPTH:** 设置效果的强度。从0%到100%。
- **BASS:** 提升和削减低频。从-6 dB到+ 6 dB。
- **MID:** 提升和削减中频。从-6 dB到+ 6 dB。
- **TREBLE:** 提升和削减高频。从-6 dB到+ 6 dB。
- **MODE:** 在合唱或颤音模式之间进行选择。Chorus或VIBRATO。
- **MID Q:** 设置中参数EQ的带宽，从窄到宽。从0.2到3。
- **MID FREQ:** 改变中参数EQ的中心频率。从80 Hz到5000 Hz。
- **MIX:** 调节干湿调制信号的量。默认情况下，混合设置为100% WET。从0%到100%。
- **X-MODE:** X-MODE将效果设置为更深的调制和更高的频率，以获得临时的极端效果。ON或OFF。

60 VIBE 控制变化

参数	控制变化 #	值
SPEED	21	0 – 127
DEPTH	22	0 – 127
BASS	23	0 – 127
MID	24	0 – 127
TREBLE	25	0 - 127
MODE	46	0 - 127
MID Q	47	0 - 127
MID FREQ	48	0 - 127
MIX	49	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。

PHAZER 9

基于MXR® Phase 90

这种效果器是有史以来最受欢迎的相位踏板之一。该装置被众多一流的吉他手使用，可以为您的独奏添加一点亮光，或者在演奏和弦和静音弹奏时产生平滑、水汪汪的效果。

参数

- **SPEED:** 设置移相器效果的速率。当BPM SYNC被激活时，SPEED参数允许您可以选择可用的拍号。当BPM SYNC打开时，从0%到100%或从1/32到1/1T。
- **DEPTH:** 设置移相器效果的强度。从0%到100%。
- **BASS:** 提升和削减低频。从-6 dB到+ 6 dB。
- **MID:** 提升和削减中频。从-6 dB到+ 6 dB。
- **TREBLE:** 提升和削减高频。从-6 dB到+ 6 dB。
- **MID Q:** 设置中参数EQ的带宽，从窄到宽。从0.2到3。
- **MID FREQ:** 改变中参数EQ的中心频率。从80 Hz到5000 Hz。
- **MIX:** 调节干湿调制信号的量。默认情况下，混合设置为100% WET。从0%到100%。
- **X-MODE:** X-MODE将移相器设置为更高速率的更深调制，以获得临时极端效果。ON或OFF。

PHAZER 9 控制变化

参数	控制变化 #	值
SPEED	21	0 – 127
DEPTH	22	0 – 127
BASS	23	0 – 127
MID	24	0 – 127
TREBLE	25	0 - 127
MID Q	46	0 - 127
MID FREQ	47	0 - 127
MIX	48	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。

PHAZER 10

基于 MXR® Phaser 100

经典模拟移相器的模型，提供4种不同模式，其特点是强度和形状各不相同。

参数

- **SPEED:** 设置移相器效果的速率。当BPM SYNC被激活时，SPEED参数允许您可以选择可用的拍号。当BPM SYNC打开时，从0%到100%或从1/32到1/1T。
- **DEPTH:** 设置效果的强度。从0%到100%。
- **BASS:** 提升和削减低频。从-6 dB到+ 6 dB。
- **MID:** 提升和削减中频。从-6 dB到+ 6 dB。
- **TREBLE:** 提升和削减高频。从-6 dB到+ 6 dB。
- **MODE:** 选择四种不同的移相器模式之一。从1到4。
- **MID Q:** 设置中参数EQ的带宽，从窄到宽。从0.2到3。
- **MID FREQ:** 改变中参数EQ的中心频率。从80 Hz到5000 Hz。
- **MIX:** 调节干湿调制信号的量。默认情况下，混合设置为100% WET。从0%到100%。
- **X-MODE:** X-MODE将移相器设置为更深的调制和更高的频率，以获得临时的极端效果。ON或OFF。

PHAZER 10 控制变化

参数	控制变化 #	值
SPEED	21	0 – 127
DEPTH	22	0 – 127
BASS	23	0 – 127
MID	24	0 – 127
TREBLE	25	0 - 127
MODE	46	0 - 127
MID Q	47	0 - 127
MID FREQ	48	0 - 127
MIX	49	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。

PHAZER CL

该模型的灵感来自整个1970年代听到的最具标志性和经典的模拟相移效果之一。

参数

- **SPEED:** 设置移相器效果的速率。当BPM SYNC被激活时，SPEED参数允许您可以选择可用的拍号。当BPM SYNC打开时，从0%到100%或从1/32到1/1T。
- **DEPTH:** 设置合唱效果的强度。从0%到100%。
- **BASS:** 提升和削减低频。从-6 dB到+ 6 dB。
- **MID:** 提升和削减中频。从-6 dB到+ 6 dB。
- **TREBLE:** 提升和削减高频。从-6 dB到+ 6 dB。
- **COLOR:** 调整哪些频率受移相操作影响。从-10到+10。
- **MID Q:** 设置中参数EQ的带宽，从窄到宽。从0.2到3。
- **MID FREQ:** 改变中参数EQ的中心频率。从80 Hz到5000 Hz。
- **MIX:** 调节干湿调制信号的量。默认情况下，混合设置为100% WET。从0%到100%。
- **X-MODE:** X-MODE具有更高的深度并为调制添加共振效果。ON或OFF。

PHAZER CL 控制变化

参数	控制变化 #	值
SPEED	21	0 – 127
DEPTH	22	0 – 127
BASS	23	0 – 127
MID	24	0 – 127
TREBLE	25	0 - 127
COLOR	46	0 - 127
MID Q	47	0 - 127
MID FREQ	48	0 - 127
MIX	49	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。

FOX

基于fOXX® Foot Phaser

具有独特和特别声音的早期复古移相器。除了移相器的标准控件外，它还提供了一个反馈参数，可让您将声音从平滑的相位调整为前卫的调制效果。

参数

- **SPEED:** 在4种固定速度之间进行选择。从1到4。
- **DEPTH:** 设置移相效果的强度。从0%到100%。
- **BASS:** 提升和削减低频。从-6 dB到+ 6 dB。
- **MID:** 提升和削减中频。从-6 dB到+ 6 dB。
- **TREBLE:** 提升和削减高频。从-6 dB到+ 6 dB。
- **FEEDBACK:** 控制移相效果的反馈。从0%到100%。
- **MID Q:** 设置中参数EQ的带宽，从窄到宽。从0.2到3。
- **MID FREQ:** 改变中参数EQ的中心频率。从80 Hz到5000 Hz。
- **MIX:** 调节干湿调制信号的量。默认情况下，混合设置为100% WET。从0%到100%。
- **X-MODE:** X-MODE具有更高的深度并为调制添加共振效果。ON或OFF。

FOX 控制变化

参数	控制变化 #	值
SPEED	21	0 – 127
DEPTH	22	0 – 127
BASS	23	0 – 127
MID	24	0 – 127
TREBLE	25	0 - 127
FEEDBACK	46	0 - 127
MID Q	47	0 - 127
MID FREQ	48	0 - 127
MIX	49	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。

STONE

基于Electro-Harmonix® Small Stone

此效果器是经典模拟移相器的模型，能够实现从柔和到古怪的旋转效果的一系列移相器效果。当你听到它时，你可能想知道为什么它被称为“小”。

参数

- **SPEED:** 设置移相器效果的速率。当BPM SYNC被激活时，SPEED参数允许您可以选择可用的拍号。当BPM SYNC打开时，从0%到100%或从1/32到1/1T。
- **DEPTH:** 选择SOFT或HARD强度。SOFT和HARD。
- **BASS:** 提升和削减低频。从-6 dB到+ 6 dB。
- **MID:** 提升和削减中频。从-6 dB到+ 6 dB。
- **TREBLE:** 提升和削减高频。从-6 dB到+ 6 dB。
- **MID Q:** 设置中参数EQ的带宽，从窄到宽。从0.2到3。
- **MID FREQ:** 改变中参数EQ的中心频率。从80 Hz到5000 Hz。
- **MIX:** 调节干湿调制信号的量。默认情况下，混合设置为100% WET。从0%到100%。
- **X-MODE:** X-MODE将移相设置为更深的调制和更高的频率，以获得临时的极端效果。ON或OFF。

STONE 控制变化

参数	控制变化 #	值
SPEED	21	0 – 127
DEPTH	22	0 – 127
BASS	23	0 – 127
MID	24	0 – 127
TREBLE	25	0 - 127
MID Q	46	0 - 127
MID FREQ	47	0 - 127
MIX	48	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。

ELECTRIC

基于Electro-Harmonix® Electric Mistress

这个单块效果器是许多著名吉他手用来实现经典声音的老式镶边器/滤波器矩阵的模型。虽然它具有惊人的温暖度，但它也能够产生非常通用的合唱和环形调制类型的声音。

参数

- **SPEED:** 设置镶边效果的速率。当BPM SYNC被激活时，SPEED参数允许您选择可用的拍号.当BPM SYNC打开时，从0%到100%或从1/32到1/1T。
- **DEPTH:** 设置镶边效果的强度。从0%到100%。
- **BASS:** 提升和削减低频。从-6 dB到+ 6 dB。
- **MID:** 提升和削减中频。从-6 dB到+ 6 dB。
- **TREBLE:** 提升和削减高频。从-6 dB到+ 6 dB。
- **COLOR:** 调整受镶边影响的频率。从0到20。
- **MID Q:** 设置中参数EQ的带宽，从窄到宽。从0.2到3。
- **MID FREQ:** 改变中参数EQ的中心频率。从80 Hz到5000 Hz。
- **MIX:** 调节干湿调制信号的量。默认情况下，混合设置为100% WET。从0%到100%。
- **X-MODE:** X-MODE设置镶边以调制高频范围以获得临时的极端效果。ON或OFF。

ELECTRIC 控制变化

参数	控制变化 #	值
SPEED	21	0 – 127
DEPTH	22	0 – 127
BASS	23	0 – 127
MID	24	0 – 127
TREBLE	25	0 - 127
COLOR	46	0 - 127
MID Q	47	0 - 127
MID FREQ	48	0 - 127
MIX	49	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。

DOUBLER

基于MXR® Flanger Doubler的双倍模式

主要用于加深乐器的整体音色。在90年代的力量金属中非常流行。

参数

- **SPEED:** 设置效果的速率。从0%到100%。
- **DEPTH:** 设置合唱效果的强度。从0%到100%。
- **BASS:** 提升和削减低频。从-6 dB到+ 6 dB。
- **MID:** 提升和削减中频。从-6 dB到+ 6 dB。
- **TREBLE:** 提升和削减高频。从-6 dB到+ 6 dB。
- **MID Q:** 设置中参数EQ的带宽，从窄到宽。从0.2到3。
- **MID FREQ:** 改变中参数EQ的中心频率。从80 Hz到5000 Hz。
- **MIX:** 调节干湿调制信号的量。默认情况下，混合设置为100% WET。从0%到100%。
- **X-MODE:** X-MODE具有更高的深度，并为调制添加了疯狂的眩晕效果。ON或OFF。

DOUBLER 控制变化

参数	控制变化 #	值
SPEED	21	0 – 127
DEPTH	22	0 – 127
BASS	23	0 – 127
MID	24	0 – 127
TREBLE	25	0 - 127
MID Q	46	0 - 127
MID FREQ	47	0 - 127
MIX	48	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。

METALLIC

基于MXR® Flanger 117

经典的镶边，让人想起80年代的味道。尽管如此，没有任何镶边更容易识别，这使其非常适合硬摇滚和迷幻清音。

参数

- **SPEED:** 设置镶边效果的速率。当BPM SYNC被激活时，SPEED参数允许您可以选择可用的拍号。当BPM SYNC打开时，从0%到100%或从1/32到1/1T。
- **DEPTH:** 设置镶边效果的强度。从0%到100%。
- **BASS:** 提升和削减低频。从-6 dB到+ 6 dB。
- **MID:** 提升和削减中频。从-6 dB到+ 6 dB。
- **TREBLE:** 提升和削减高频。从-6 dB到+ 6 dB。
- **REGEN:** 设置镶边内发生的反馈量。从0%到100%。
- **MANUAL:** 设置镶边效果的音色。从0到10。
- **MID Q:** 设置中参数EQ的带宽，从窄到宽。从0.2到3。
- **MID FREQ:** 改变中参数EQ的中心频率。从80 Hz到5000 Hz。
- **MIX:** 调节干湿调制信号的量。默认情况下，混合设置为100% WET。从0%到100%。
- **X-MODE:** X-MODE使用更高的深度并为调制添加共振效果。ON或OFF。

METALLIC 控制变化

参数	控制变化 #	值
SPEED	21	0 – 127
DEPTH	22	0 – 127
BASS	23	0 – 127
MID	24	0 – 127
TREBLE	25	0 - 127
REGEN	46	0 - 127
MANUAL	47	0 - 127
MID Q	48	0 - 127
MID FREQ	49	0 - 127
MIX	50	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。

ROTARY

此效果器是旋转扬声器箱体的模型。旋转扬声器箱体营造出丰富的颤音/合唱效果，为声音增添了氛围和巨大的立体感。

参数

- **SPEED:** 设置效果的速率。当BPM SYNC被激活时，SPEED参数允许您可以选择可用的拍号。当BPM SYNC打开时，从0%到100%或从1/32到1/1T。
- **DEPTH:** 设置效果的强度。从0%到100%。
- **BASS:** 提升和削减低频。从-6 dB到+ 6 dB。
- **MID:** 提升和削减中频。从-6 dB到+ 6 dB。
- **TREBLE:** 提升和削减高频。从-6 dB到+ 6 dB。
- **COLOR:** 设置鼓和喇叭之间的平衡。从-10到+10。
- **DRIVE:** 设置效果的饱和度。从0%到100%。
- **MID Q:** 设置中参数EQ的带宽，从窄到宽。从0.2到3。
- **MID FREQ:** 改变中参数EQ的中心频率。从80 Hz到5000 Hz。
- **MIX:** 调节干湿调制信号的量。默认情况下，混合设置为100% WET。从0%到100%。
- **X-MODE:** X-MODE使用最大速度并在响应中添加Drive。ON或OFF。

ROTARY 控制变化

参数	控制变化 #	值
SPEED	21	0 – 127
DEPTH	22	0 – 127
BASS	23	0 – 127
MID	24	0 – 127
TREBLE	25	0 - 127
COLOR	46	0 - 127
DRIVE	47	0 - 127
MID Q	48	0 - 127
MID FREQ	49	0 - 127
MIX	50	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。

TREMOLO

一种完全可定制的颤音效果，可控制调制的包络和波形，允许您将其设置为从平滑的膨胀风格到打击乐效果。

参数

- **SPEED:** 设置颤音的速率。当BPM SYNC被激活时，SPEED参数允许您选择可用的拍号。当BPM SYNC打开时，从0%到100%或从1/32到1/1T。
- **DEPTH:** 设置颤音的强度。从0%到100%。
- **BASS:** 提升和削减低频。从-6 dB到+ 6 dB。
- **MID:** 提升和削减中频。从-6 dB到+ 6 dB。
- **TREBLE:** 提升和削减高频。从-6 dB到+ 6 dB。
- **ENVELOPE:** 改变颤音上升和下降时间（音量增加和减少的快慢）以获得独特的打击乐、“反向衰减”效果以及介于两者之间的所有效果。从0到10。
- **WAVE:** 将颤音的波形从平滑的正弦波（如老式放大器）设置为斩波的三角波，再到突然的“开/关”脉冲方波。从0到10。
- **MID Q:** 设置中参数EQ的带宽，从窄到宽。从0.2到3。
- **MID FREQ:** 改变中参数EQ的中心频率。从80 Hz到5000 Hz。
- **MIX:** 调节干湿调制信号的量。默认情况下，混合设置为100% WET。从0%到100%。
- **X-MODE:** X-MODE具有最大的深度和粗糙度。ON或OFF。

TREMOLO 控制变化

参数	控制变化 #	值
SPEED	21	0 – 127
DEPTH	22	0 – 127
BASS	23	0 – 127
MID	24	0 – 127
TREBLE	25	0 - 127
ENVELOPE	46	0 - 127
WAVE	47	0 - 127
MID Q	48	0 - 127
MID FREQ	49	0 - 127
MIX	50	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。

STEP SLICER

使用这种强大而富有创意的节拍同步切片踩踏效果，将编程的节奏部分添加到您的强力和弦和乐句中。它可以设置为创建任何东西，从最惊人的颤音到最复杂的节奏效果，始终与节拍保持完美同步。

如果您需要将STEP SLICER同步到小节的第一个节拍以获得特定声音，请轻敲一次敲击速度脚踏开关。

参数

- **SPEED:** 设置步进器的速度。当BPM SYNC被激活时，SPEED参数允许您选择可用的拍号。当BPM SYNC打开时，从0%到100%或从1/32到1/1T。
- **DEPTH:** 设置步骤之间电平变化的陡度。将其设置在较低的位置以获得更平滑的效果，或将其设置在较高的位置以获得更像门的效果。从0%到100%。
- **BASS:** 提升和削减低频。从-6 dB到+ 6 dB。
- **MID:** 提升和削减中频。从-6 dB到+ 6 dB。
- **TREBLE:** 提升和削减高频。从-6 dB到+ 6 dB。
- **SWING:** 增加这个控制，给步进一个摇摆类型的量化。从0%到100%。
- **STEP 1-8:** 设置每个步骤的级别。从0%到100%。
- **PAN 1-8:** 为每一步设置声像。从-10到+10。
- **MID Q:** 设置中参数EQ的带宽，从窄到宽。从0.2到3。
- **MID FREQ:** 改变中参数EQ的中心频率。从80 Hz到5000 Hz。
- **MIX:** 调节干湿调制信号的量。默认情况下，混合设置为100% WET。从0%到100%。
- **X-MODE:** X-MODE启用最大速度。ON或OFF。

STEP SLICER 控制变化

参数	控制变化 #	值
SPEED	21	0 – 127
DEPTH	22	0 – 127
BASS	23	0 – 127
MID	24	0 – 127
TREBLE	25	0 - 127
SWING	46	0 - 127
STEP 1-8	47 - 54	0 - 127
PAN 1-8	55 - 62	0 - 127
MID Q	63	0 - 127
MID FREQ	104	0 - 127
MIX	105	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。

STEP FILTER

强大而深沉的节拍同步滤波器stomp效果。您可以在可自由自定义的模式上应用低/高和带通模拟建模过滤，为您的部件添加groove和节奏脉冲。如果您愿意，这将使您的吉他和贝斯部分听起来像一个有节奏的合成器！

如果您需要将STEP FILTER同步到小节的第一个节拍以获得特定的声音，请轻敲一次敲击速度脚踏开关。

参数

- **SPEED:** 设置步进器的速度。当BPM SYNC被激活时，SPEED参数允许您选择可用的拍号。当BPM SYNC打开时，从0%到100%或从1/32到1/1T。
- **DEPTH:** 设置滤波器被步进调制的深度。从0%到100%。
- **BASS:** 提升和削减低频。从-6 dB到+ 6 dB。
- **MID:** 提升和削减中频。从-6 dB到+ 6 dB。
- **TREBLE:** 提升和削减高频。从-6 dB到+ 6 dB。
- **MODE:** 设置将使用哪种滤波器：高通、带通或低通。LOW, HIGH, BAND.
- **CUTOFF:** 设置滤波器的中心截止频率。这是当步进设置为一半位置时滤波器将具有的截止频率。从40 Hz到20000 Hz。
- **RES:** 设置滤波器的中心共振。这是当步进设置为一半位置时滤波器将具有的共振量。从0到10。
- **SWING:** 增加这个控制，给步进一个摇摆类型的量化。从0%到100%。
- **DEST:** 设置由滤波器截止和/或滤波器共振之间的步进调制的内容。最低限度仅调制截止频率，在最大位置仅调制共振。从0到10。
- **STEP 1-8:** 设置每一步的调制量。从0%到100%。
- **MID Q:** 设置中参数EQ的带宽，从窄到宽。从0.2到3。
- **MID FREQ:** 改变中参数EQ的中心频率。从80 Hz到5000 Hz。
- **MIX:** 调节干湿调制信号的量。默认情况下，混合设置为100% WET。从0%到100%。
- **X-MODE:** 使用更高的深度并为调制添加共振效果。ON或OFF。

STEP FILTER 控制变化

参数	控制变化 #	值
SPEED	21	0 – 127
DEPTH	22	0 – 127
BASS	23	0 – 127
MID	24	0 – 127
TREBLE	25	0 - 127
MODE	46	0 - 127
CUTOFF	47	0 - 127
RES	48	0 - 127
SWING	49	0 - 127
DEST	50	0 - 127
STEP 1-8	51-59	0 – 127
MID Q	60	0 – 127
MID FREQ	61	0 – 127
MIX	62	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。

NAMM 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。

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。

GLOBAL BPM

为所有预设设置BPM，BPM MODE设置为GLOBAL，从55到260BPM。

在以下情况下，此全局BPM会更改：

- 在BPM MODE设置为GLOBAL的预设上敲击速度。
- MIDI CLOCK来自外部并设置此BPM。
- 此菜单语音是手动更改的。

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。
- **INTERNAL:** MIDI CLOCK由踏板设置并通过USB和MIDI输出发送，踏板作为主控。

注意 当MIDI CLOCK来自外部时，TAP速度脚踏开关被禁用并与传入速度同步，其LED变为琥珀色以获取此状态的视觉反馈。

CAB SIM

激活并选择箱体模拟器。

- **OFF:** 禁用Cab Sim。
- **CAB 1:** 使用第一个箱体IR激活Cab Sim。
- **CAB 2:** 使用第二个箱体IR激活Cab Sim。
- **CAB 3:** 使用第三个箱体IR激活Cab Sim。
- **CAB 4:** 使用第四个箱体IR激活Cab Sim。
- **BASS:** 使用第五个箱体IR激活Cab Sim。

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

USB OUT

设置发送到USB OUT的信号。

- **STEREO:** 发送到USB OUT的信号是左右输出的副本。
- **DUAL:** 在USB OUT 1上发送一份左右输出转换为单声道的副本，而在USB OUT 2上发送乐器的干清DI信号（绕过踏板效果）。

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。需要使用溢出功能和箱体模拟器。

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，并发送到左右输出，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。

BPM MODE

BPM MODE是关于BPM SYNC模式的选项，要使用它，BPM SYNC必须为ON。

- **GLOBAL:** 预设BPM跟随踏板的GLOBAL BPM。在此模式下敲击速度只会影响踏板的GLOBAL BPM。
- **PRESET:** BPM遵循预设BPM。如果需要为特定类型的预设保持精确的BPM，预设模式非常有用。

注意：TAP Tempo将始终影响GLOBAL和PRESET BPM。

BPM SYNC

- **OFF:** 时间参数以毫秒表示，与PRESET或GLOBAL BPM没有关系。
- **ON:** 时间参数以PRESET或GLOBAL BPM的拍号表示，具体取决于BPM MODE首选项。

TAP速度需要始终在四分音符中敲击。如果您想要不同的拍号，请使用TIME旋钮。

BPM

将当前预设的每分钟节拍数设置为55到260 BPM。要使用此BPM，BPM SYNC必须为ON，BPM MODE必须设置为PRESET。

EXT. CTRL

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。

速度、BPM模式和敲击速度脚踏开关

BPM SYNC OFF

如果预设的BPM SYNC关，则预设速度以百分比表示并由SPEED旋钮设置。当BPM SYNC关闭时，tap LED闪烁蓝色。

当BPM SYNC关闭时，可以通过使用TAP TEMPO脚踏开关轻敲节奏轻松恢复到BPM SYNC ON模式。

BPM SYNC ON

如果 BPM SYNC为ON，则预设速度以BPM表示并链接到敲击速度脚踏开关。速度可以通过用敲击速度脚踏开关敲击四分音符来设置，速度旋钮可让您设置所需的重复拍号。

可用的拍号是（D代表Dotted，T代表Triplets）：

- 1/32
- 1/32D
- 1/32T
- 1/16
- 1/16D
- 1/16T
- 1/8
- 1/8D
- 1/8T
- 1/4
- 1/4D
- 1/4T
- 1/2
- 1/2D
- 1/2T
- 1/1
- 1/1D
- 1/1T

当BPM SYNC开启时，敲击速度LED呈绿色闪烁。

有一些复杂模型由于多个LFO或步进SPEED参数无法与BPM具有定义的关系，因此对于这些模型，BPM SYNC功能将被强制关闭。这些模型是：CHORUS 1, CHORUS X, FOX, DOUBLER.

BPM MODE

当BPM SYNC为ON时，BPM MODE是一个选项。

当BPM MODE设置为PRESET时，速度遵循预设的BPM并针对每个预设自定义。

当BPM MODE设置为GLOBAL时，速度遵循全局BPM，并且BPM MODE设置为GLOBAL的所有预设都遵循此BPM。

如果您需要将X-VIBE同步到小节的第一个节拍以获得特定的声音，请轻按一次敲击速度脚踏开关。

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。

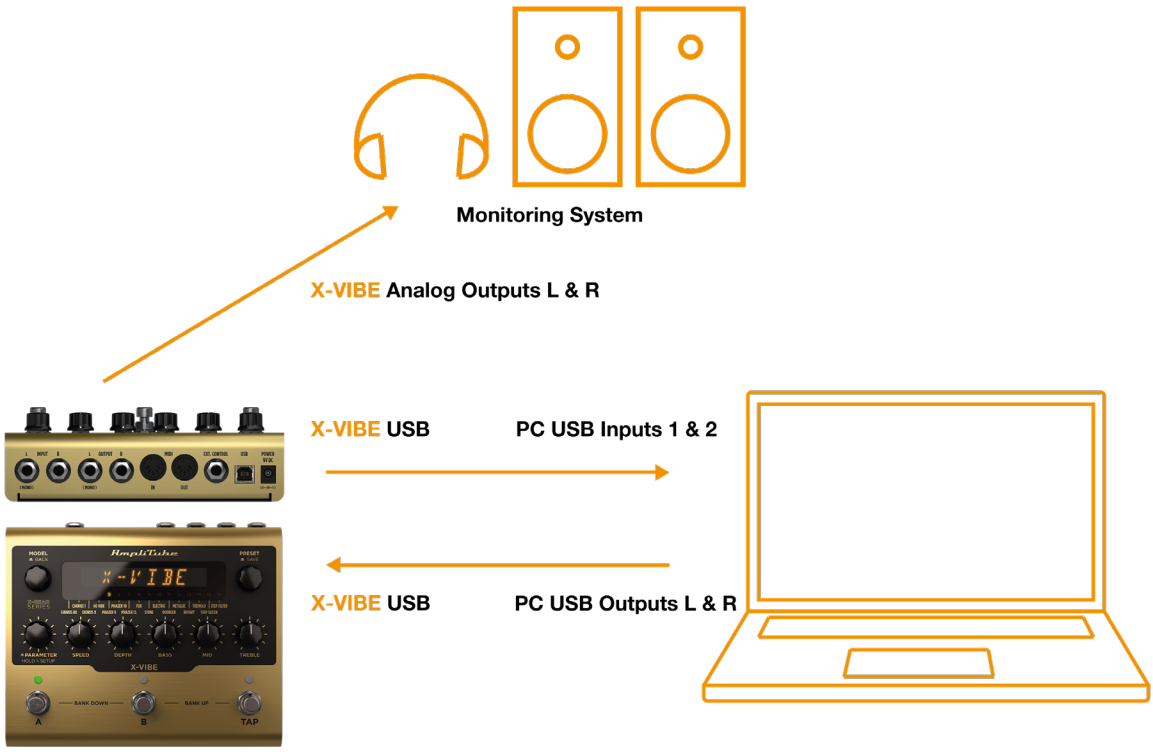
接口模式

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。

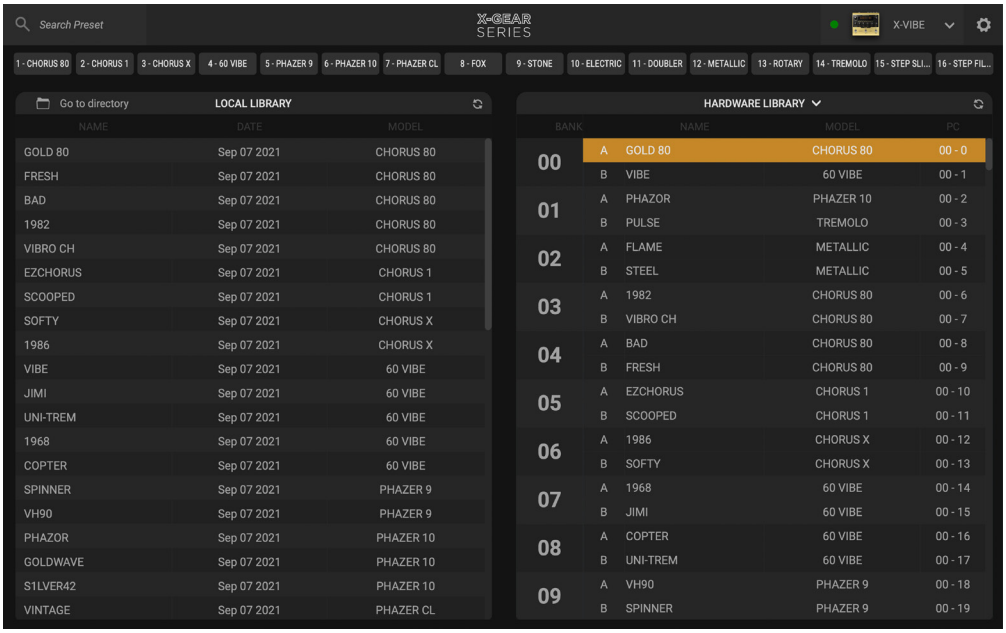


要在用作音频接口时调整X-GEAR的音量，请浏览至GLOBAL SETUP并编辑INTERFACE VOL参数。第一次调整音量后，可以使用PARAMETER编码器快速访问INTERFACE VOL参数，直到您选择另一个参数。

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-VIBE提供150个编号的库，每个库有2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-VIBE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，只需发送标准的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 控制变化 Table

参数	控制变化 #	值
Expression	11	0 – 127
Preset ON/OFF	12	ON = 127, OFF = 0
当前预设的X-MODE	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，请参阅调制模型段落中的每个调制模型。

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-VIBE

- 为吉他手预备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）
- 合唱、镶边、旋转等 + Tap Tempo和BPM同步
- 包括在AmpliTube 5内使用的独家虚拟X-VIBE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
- 112 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
- 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
- 5个箱体脉冲响应让您可以直接连接到有源音箱或PA

包装内容

- X-VIBE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
失真

X-SPACE
混响

X-TIME
延迟

X-VIBE
调制

更多信息请访问**www.ikmultimedia.com/xgear**

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Document Version: 1.0

Latest Update: 2022/01/22