Queen Compliance Manuals

UA Technical Publications

v220114

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UAFX Dream ‘65 Manual

This article contains complete operating instructions for the UAFX Dream '65 effects pedal.

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A Letter From Bill Putnam, Jr.

Congratulations on your new UAFX pedal. We know that buying any new piece of gear requires an investment of time and money, and we aim to make your investment pay off!

At UA, we are dedicated to the idea of building “instant classics” — the type of music and audio gear that delivers album-worthy sounds to inspire you for decades.

UAFX pedals represent more than 20 years of research into vintage analog effects, coupled with next-generation digital engineering and rock-solid reliability.

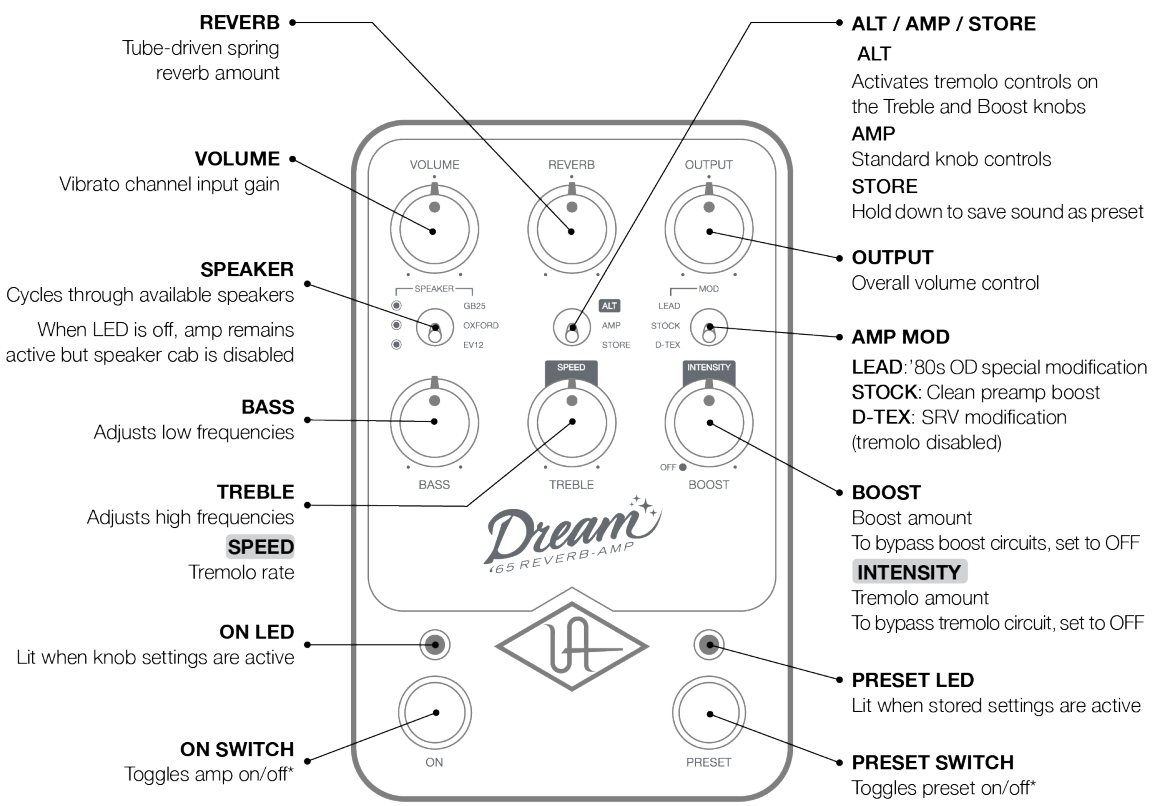
Please let us know how we’re doing. Feel free to reach out to us via our website www.uaudio.com, and via our social media channels.

Thank you for your support, and enjoy your sonic exploration!

Sincerely,

Bill Putnam Jr.

Dream ‘65 Quick Start



[Download Dream ‘65 Quick Start Sheet]

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Dream ‘65 Power

Note: Power supply sold separately.

UAFX pedals require an isolated 9 volt DC, center negative, 2.1 x 5.5 mm barrel connector (same as standard Boss connectors) power supply, which can provide 400 mA (milliamps) of current. Each UAFX pedal must be connected to a separate power supply, or connected to an isolated power connection from a multi-output power supply. Connect the power supply to the 9VDC connector on the pedal’s rear panel.

When you first connect your UAFX pedal to a power supply, the Effect LEDs cycle, showing that the pedal is starting up. The startup sequence takes about 15 seconds.

If power to your UAFX pedal is interrupted during operation, audio stops. UAFX Dream ‘65 requires power to pass audio through the pedal.

Important Power Notes

- Each UAFX pedal requires 400 mA of current. Make sure your power supply can deliver at least 400 mA to the pedal for proper operation and performance.
- An isolated supply provides power and grounding that is electrically separated, usually by means of a transformer for each connector. Some low-cost power supplies might have separate connectors, but might not provide true ground and power isolation, causing noise and ground loop hum.
- If your power supply has multiple outputs, make sure that each output provides true isolation, or that you connect your pedal to its own power supply.
- It’s OK to connect a power supply that can deliver more than 400 mA. The pedal only draws the current it needs and will not be damaged if the supply is 9VDC.
- If your power supply is not isolated, you might hear additional hum in the pedal signals. If the supply cannot provide 400 mA of current, the pedal might not operate properly, even if the LEDs and switches seem to be working.

Dream ‘65 Connections

All UAFX audio jacks accept 1/4" (6.35 mm) unbalanced TS (Tip-Sleeve) instrument cables. Although TRS (Tip-Ring-Sleeve) cables may be used, they offer no benefit over TS cables.

Mono and stereo connections

Your UAFX pedal senses which jacks are connected and adjusts the internal signal routing automatically. Stereo inputs are processed in true stereo, and output as either stereo or mono depending on the connected outputs.

Important: You must connect to UAFX's IN 1/MONO jack. The IN 2/STEREO jack doesn't work by itself without the IN 1/MONO connection.

Vibrato Channel

Dream '65 models only the Vibrato channel of the classic '65 amplifier. The Normal channel is not modeled.

Buffered output

Dream '65's output is always buffered and there is no dry analog through. The pedal must be powered to pass audio.

4-cable mode

4-cable mode is a special routing mode, only available when the pedal is configured in Live | Preset mode, which allows you to add your Dream '65 pedal to your effects-loop equipped guitar amplifier as a separate channel. Using this feature, you can switch between your guitar amp's built-in preamp and the preamp sounds in Dream '65.

Warning: Turn off your amplifier before wiring the pedal and enabling 4-cable mode. If you enable 4-cable mode without the cables wired correctly, you can cause extreme feedback.

To connect and configure your pedal and amp for 4-cable mode, see [link to 4-cable mode section in UAFX Control app manual].

UAFX pedal operating levels

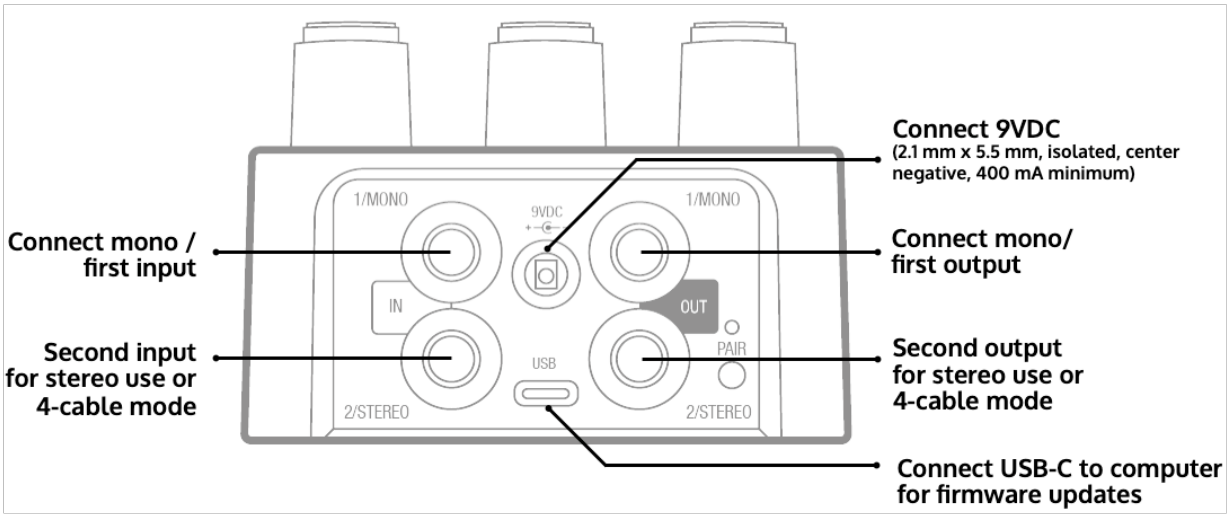
UAFX pedals are designed with enough headroom to easily accommodate instrument levels and amp effects loop levels, but they can also handle line-level gear such as synthesizers and audio interfaces. The pedals are voiced for instrument levels, so you may need to reduce the line out level of the gear you're connecting into the pedals to avoid overdriving the effects.

USB-C port

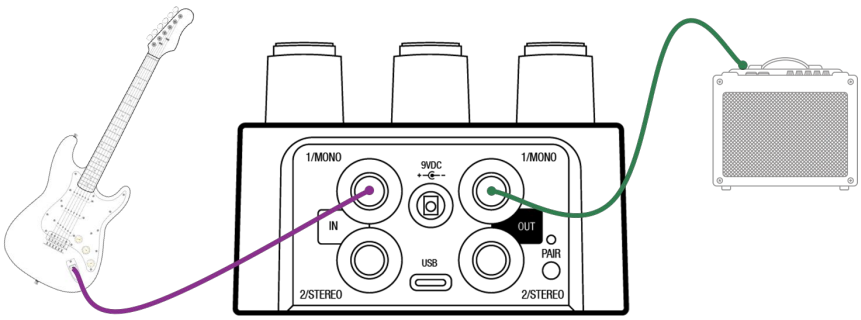
The USB-C port is for pedal registration and firmware updates only, via the UAFX Control desktop app for Mac and Windows computers. You can connect to any type of USB port on the computer, but you may need an adapter.

Pair button

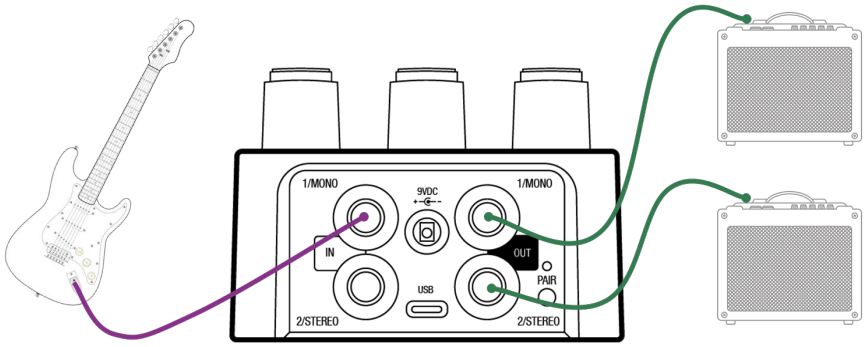
The PAIR button and LED are for pedal registration and global pedal settings only, via the UAFX Control mobile app.



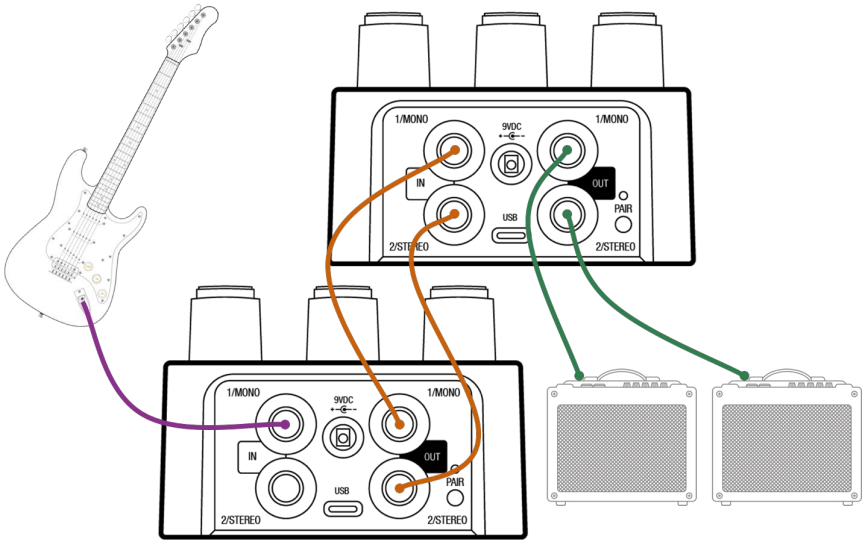
Connection Examples



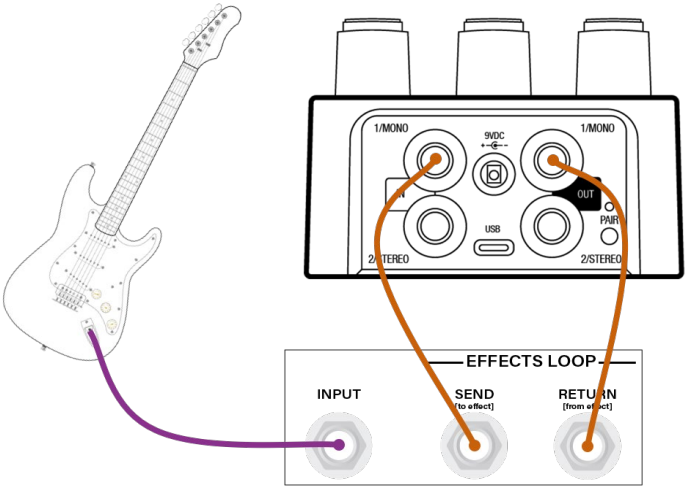
Mono in > Mono Out



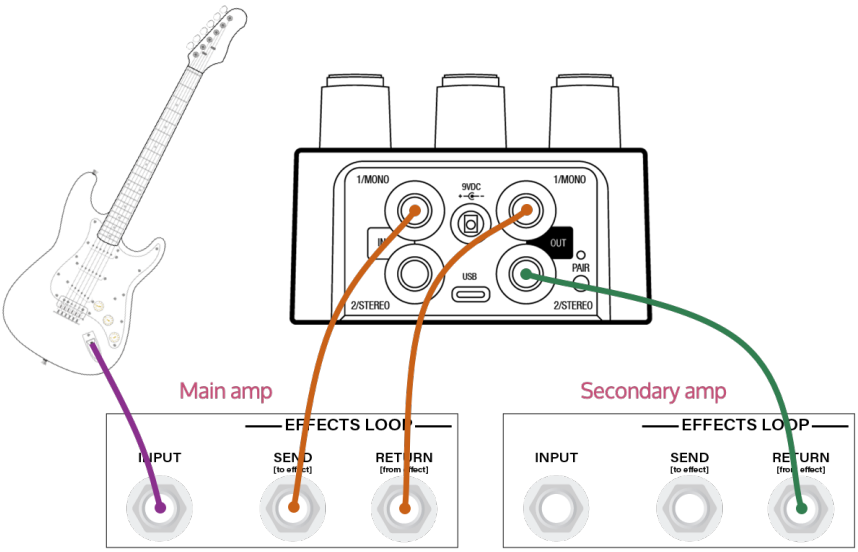
Mono in > Stereo out



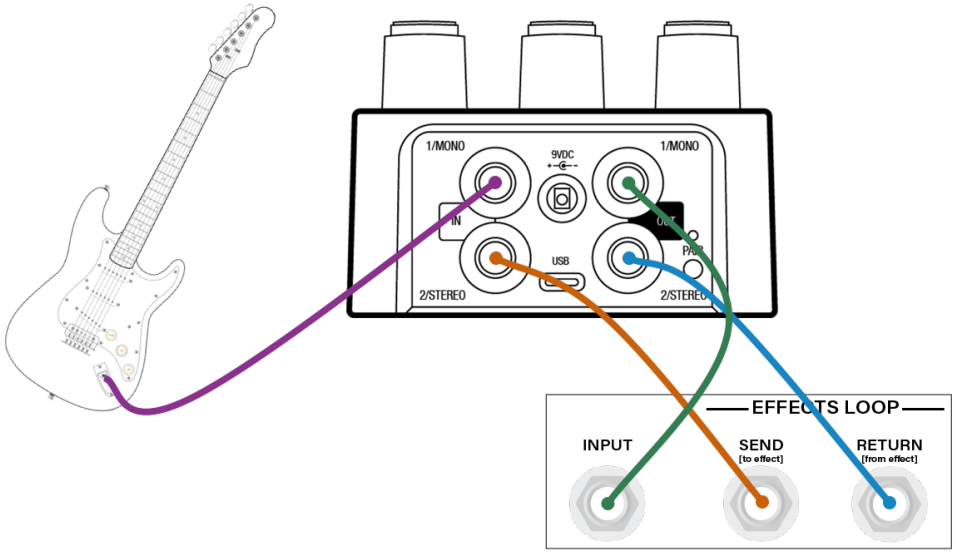
Stereo in > stereo out



Pedal in amp's effects loop



Pedal in dual amp stereo setup
showing effects loop connections for both amps



Pedal in 4-cable mode (power off amplifier before configuring)

Dream ‘65 Overview

Tagline

Marketing copy

UAFX Control software

UAFX Control is a software app that's used to register all UAFX pedals, get your free bonus speaker cabinets, install UAFX firmware updates, and change UAFX global settings such as footswitch modes. To get UAFX Control software, go here.

UAFX Control Mobile App – The UAFX Control mobile app is for registration, getting free bonus speaker cabinets, global settings such as footswitch modes, and preset management.

UAFX Control Desktop App - The UAFX Control desktop app is for pedal registration, getting free bonus speaker cabinets, and firmware updates. Firmware updates for UAFX may be provided to improve or add functionality, and are installed over a USB connection to a computer, using a USB-C cable (not included).

Free Bonus Speakers

To get the free speaker cabinets, register your pedal with UAFX Control software. To get UAFX Control, visit:

uaudio.com/uafx/start

Dream '65 Operation

Live Mode and Preset Mode

Dream '65 is set up in Live | Preset mode by default. Use the UAFX mobile app to change footswitch assignments.

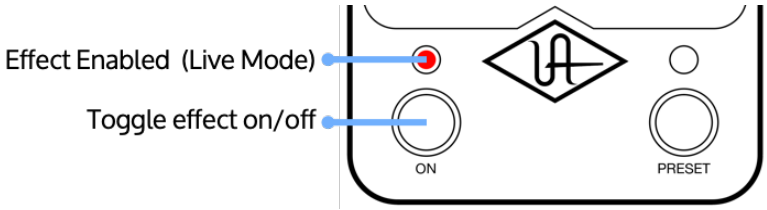
In Live mode, the sound reflects the current positions of the knobs, switches, and LEDs on the pedal, and the left footswitch toggles the Live mode effect on/off.

In Preset mode, you hear the settings that are stored as a preset, and the current positions of the knobs and switches do not reflect the sound. Instead, all knob and switch positions are internally set to their stored positions, and the right footswitch toggles the preset effect on/off.

You can store a preset you've created with your own settings by holding down the ALT/AMP/STORE switch.

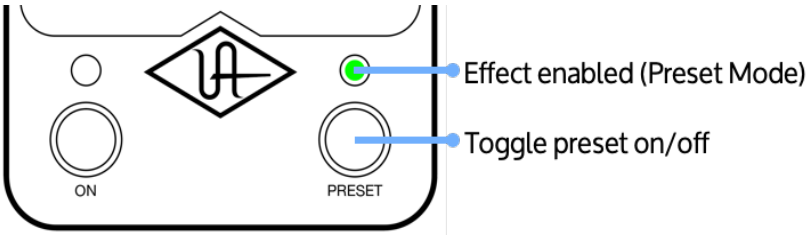
Live Mode

To enter Live mode, press the left footswitch. Press the left footswitch again to toggle the effect on/off. The left footswitch LED is lit red when the Live mode effect is on.



Preset Mode

To enter Preset mode, press the right footswitch. Press the right footswitch again to toggle the preset on/off. The right footswitch LED is lit green when the preset is on.



Note: The left and right footswitches can be set to other modes in the UAFX Control mobile app.

Stored Preset

You can store a preset on your UAFX pedal, and recall it using the right footswitch. A default factory preset is loaded and accessed with the preset switch. Presets you save, and other artist and factory presets are available in the UAFX Mobile app.

When you store a preset while in Live mode, the position of all knobs and switches on the pedal are saved. The preset also stores ALT knob positions, such as the alternate settings for the vibrato circuit. When you make a great sound in Live mode, storing it is as easy as holding down the store switch.

When you store a preset while in Preset mode, only those knobs and switches that have changed since you loaded the preset are saved. So, when saving in Preset mode, *what you hear is what is saved*, and not the current positions of the knobs and switches.

To store your sound as a preset

1. Set your sound as you want it stored in the preset.
2. Press and hold the ALT/AMP/STORE switch in the down position until the green PRESET footswitch LED blinks rapidly (about 0.5 seconds).

Preset Notes

- The settings for Preset mode and Live mode are completely independent.
- When you move a knob or switch in Preset mode, the settings for the sound immediately jump to the new knob or switch position.

- You can view your presets and factory presets and load a preset on the pedal with the UAFX mobile app.

Dream '65 Controls

The following controls are available on Dream ‘65.

Volume

Adjusts the amp’s gain. As you increase volume, the character of the amp changes, becoming more overdriven and compressed. When the volume knob is set at the minimum, you will still hear the amp. This level has been adjusted to provide the lowest amount of usable volume that the original hardware can provide. As you turn the volume knob up, the output volume is automatically adjusted to compensate.

Note: This is the volume control on the original amp. For clean “post-amp” volume adjustments, use the Output control.

Reverb

Adjusts the amount of the amp’s tube-driven spring reverb. When the amp is clean, the reverb is more noticeable. As volume and boost are increased, the reverb appears to be less loud, as the amp compresses and saturates. This is the same way the reverb works with the original hardware.

Note: There are no reverb trails when the pedal is bypassed.

Output

Adjusts the output level from the pedal. When the Output volume is set at noon (running direct or into other pedals), it should be roughly the same level as your bypassed volume.

Output volume allows you to set the level for your setup. This control is not available on the original amplifier.

Bass

Adjusts the low frequency response of the amp’s tone stack.

Treble / Speed

Adjusts two different settings, depending on the position of the Alt / Amp / Store switch.

- AMP mode: Adjusts the high frequency response of the amp’s tone stack.

- ALT mode: Adjusts the amp’s vibrato speed.

Note: As with the original amp modification, vibrato speed is unavailable when Mod is set to D-TEX and boost is not at the minimum position. When Boost is not off, the speaker LED blinks rapidly when Speed is rotated, indicating the knob has no effect.

Boost / Intensity

Adjusts two different settings, depending on the position of the Alt / Amp / Store switch.

AMP mode: Adjusts the amount of boost applied to the amp circuitry. See “Dream ‘65 Mods” for information on the available boost types.

ALT mode: Adjusts the amp’s vibrato intensity.

Notes:

- When the Boost knob is set to Off, no boost is applied.
- As with the original amp modification, vibrato intensity is unavailable when Mod is set to D-TEX and Boost is not at its minimum position. When Boost is not off, the speaker LED blinks rapidly when Intensity is rotated, indicating the knob has no effect.

Speaker

Push this switch up or down to change the speaker cabinet and microphone emulation. When you push the switch repeatedly in the same direction, the pedal cycles through all available speakers.

Tip: Register your pedal to get bonus speaker cabinets.

Speaker Type LED

The currently selected speaker cabinet is indicated by this LED. A red LED indicates that the effect printed on the pedal is selected. The bonus speakers are selected when the LEDs are green (the bonus speakers don't have labels).

When the LED is off, the amp is active but no speaker simulation is applied.

Tip: When playing through a guitar amplifier and speaker cabinet, you might want to bypass the speaker cabinet emulation.

Alt / Amp / Store

In AMP mode, the standard knob controls are available for the amp.

In ALT mode, vibrato speed and intensity controls are available on the treble and boost knobs.

To store a preset, hold this switch down. Press and hold the STORE switch in the down position until the green PRESET footswitch LED blinks rapidly (about 0.5 seconds).

See the Stored Preset section for additional details.

Mod

Dream ‘65 includes three boost types: two amp mods (changes to the amp’s circuitry) and a clean boost. These hardware modifications, which are commonly performed on the original amp, change the amp’s character and the amount of available gain.

Use the mod switch to select the Mod variation, and the Boost knob to add gain from these mods. See Dream ‘65 Mods for more information on the mods.

- STOCK is the stock amp circuit, and the Boost knob increases clean boost to the amp’s input.
- LEAD adds a prized 80’s “OD special” mod to the amp, and the Boost knob increases the amount of gain.
- D-TEX adds an “SRV” mod to the amp, and the Boost knob increases the amount of gain. As with the original mod, vibrato is available only when the Boost knob is set to OFF. Note that with this mod, the effect of the bass and treble knobs is reduced as you increase the Boost knob.

Left Switch LED

By default, the left footswitch LED is lit red when Live mode knob and switch settings are active.

Other states for the left footswitch LED are detailed in the table below.

Left Footswitch

By default, press to toggle the Live mode sound on/off with the current knob and switch settings.

This footswitch can also toggle other options, depending on the pedal footswitch mode, as detailed in the table below.

Right Footswitch LED

The right footswitch LED is lit green when stored settings are active. There are other modes for the right footswitch LED, as detailed in the table below.

Right Footswitch

By default, press to toggle the Preset sound on/off.

This footswitch can also toggle other options, depending on the pedal footswitch mode, as detailed in the table below.

Footswitch modes

With the UAFX Control mobile app, you can change the operation of your pedal and your pedal's footswitches for your amplifier setup and performance preferences.

For information on footswitch modes and how to enable them, see the UAFX Control App Manual.

Mode	**Left Footswitch**	**Right Footswitch**
Live | Preset	Live mode on/off	Preset on/off
Boost | Live / Preset	Boost on/off	Live mode / Preset toggle
Vibrato | Live/Preset	Vibrato on/off	Live mode / Preset toggle
Boost | Vibrato	Boost on/off	Vibrato on/off
Reverb | Live/Preset	Reverb on/off	Live mode / Preset toggle
Reverb | Vibrato	Reverb on/off	Vibrato on/off
Reverb | Boost	Reverb on/off	Boost on/off
4-cable mode	Live mode on/off *If Live and Preset are off, you hear your amp's sound.	Preset on/off (amp on) *If Live and Preset are off, you hear your amp's sound.

Dream '65 Speakers

Each speaker, cabinet, and mic setting has a unique sound. Toggle up or down through the list with the Speaker switch. When you register your pedal with UAFX Control software, you get three free bonus cabs (green LEDs).

Note: The speaker cabinet labels on the pedal apply only when that speaker switch's LED is red. The labels when the LED is green are only visible in the UAFX Control mobile app.

Switch Label	LED Color	Active Speaker	Speaker/Cabinet/Mic	Notes
GB25	Red	GB25	A GB25 speaker in a blackface deluxe amp, mic'd with an M160 ribbon mic	Classic Celestion bark with the smooth open midrange of a 60's ribbon mic
OXFORD	Red	OXFORD	An original "Oxford"	The classic sound right off

			speaker in a blackface deluxe amp, mic'd with a 57.	the shelf from 1965
EV12	Red	EV12	A classic 12", 200 watt speaker with a massive magnet in a blackface deluxe amp, mic'd with a 414 condenser mic.	Thick and tight bottom end with airy top end
GB25	Green	BOUTIQUE D65	A boutique 2x12 ported amp cabinet with 65 watt speakers, mic'd with a 57 and a 121 ribbon.	Classic California ported combo cabinet sound, great for mildly overdriven sounds and cleans up well
OXFORD	Green	SVERB	Famed blue speakers in a 4x10 silver combo amp, mic'd with a 414 condenser mic.	Plenty of midrange, great for surf sounds, almost lo-fi
EV12	Green	JBF120	Classic 2x12 JB120 blackface combo speakers with aluminum dust caps, mic'd with a 57 and a 121 ribbon mic.	Very detailed speaker, great for clean and low gain, excellent for fingerstyle playing, Very forward and sizzly when used with more gain
None	Off	EXTERNAL	No emulated cabinet	Select this mode when using a real guitar cabinet or external cabinet emulation

Dream '65 Mods

Dream 65' amp modifications are modeled from hardware customizations that are commonly performed on the original amplifier. Each Mod has a unique sound and effect. You increase the amount of gain and the effect of the mod by rotating the Boost knob clockwise. When the boost knob is turned all the way down to OFF, the mod is disabled and has no effect on amp color or gain.

Mod	Description	Notes
Lead	Removes the bright cap when you turn the boost knob up, so at lower boost knob settings, the amp sounds warmer. As you increase the boost knob up to noon, the mod adds some midrange from the tone stack lift (called "lead boost").	As you increase the gain past noon, the gain increases, and power amp output is compensated to prevent "mushiness".
Stock	In stock mode, the Boost knob adds clean gain. The amp tone remains the same, but	

	you can add up to 10 dB of gain to the front of the amp.	
D-Tex	This is known as the “SRV" mod. As with the original hardware, this mod removes the vibrato circuit from the amp when Boost is not off. Provides more midrange and significantly more gain from the preamp stages. In the original hardware, this increases the amount of current to the other tubes.	At low settings, just adds a little “more.” Use this mod on a low Boost knob setting for soft compression and a more open midrange. As you turn the Boost knob up, this mod reduces the effect of the tone stack, creating a more vocal and open midrange. Bass and Treble knobs have less effect at lower boost values. At the maximum setting, the Bass and Treble knobs have no effect.

Dream '65 Default Preset

The default preset for Dream '65 provides a useful preset [description]. You can replace this preset by storing your own.

Dream ‘65 tone shortcuts

Set the Speaker and Mod switches in the same positions for three classic amp and speaker pairings.

- **GB25 + Lead** - Pairing favored by studio guitarists in the ‘80s and ‘90s.
- **Oxford + Stock** - Stock factory pairing for the amplifier.
- **EV12 + D-Tex** - Texas blues-style amp and speaker pairing.

Dream '65 Specifications

Power requirements (power supply sold separately)	Isolated 9VDC, center-negative, 400mA minimum
Inputs	2 x ¼” unbalanced TS (input 2 for stereo connections)
Outputs	2 x ¼” unbalanced TS (output 2 for stereo connections)
Input impedance	500 Kilohms (Mono In) 1 Megohms (Stereo In)
Output impedance	500 Ohms
Maximum input level	12.2 dBu

Maximum output level	12.1 dBu
Frequency response	20 Hz to 20 kHz, ±3 dB
USB Type-C	For registration and firmware updates via computer
Wireless technology	Bluetooth v5
Dimensions (with knobs and protrusions)	Height: 2.56 inches, 6.5 cm Width: 3.62 inches, 9.2 cm Depth: 5.55 inches, 14.1 cm
Weight (unboxed)	1.24 lbs 0.567 kg

Note: All specifications are subject to change without notice.

Dream '65 Safety

Caution: To help maintain the safety of your product, the chosen power supply must be a certified power supply complying with Limited Power Source (LPS) requirements with the following characteristics and electrical ratings: Isolated 9VDC, center-negative, 400 mA minimum, 2.1x5.5 mm barrel connector. Additional details at help.uaudio.com.

Before using this unit, be sure to carefully read the applicable items of these operating instructions and the safety suggestions. Afterwards, keep them handy for future reference. Take special care to follow the warnings indicated on the unit, as well as in the operating instructions.

• Read the instructions.

• Keep these instructions.

• Heed all warnings.

• Follow all instructions.

• Do not use this apparatus near water.

• Clean only with dry cloth.

• Do not block any ventilation openings. Install in accordance with the manufacturer’s instructions.

• Do not install near any heat source such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

• Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other.

• Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.

• Only use with attachments/accessories specified by the manufacturer.

• Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

• Dream '65 does not contain a fuse or any other user-replaceable parts.

• A compliance marking label is provided on bottom of the unit.

United States Class B Manual Statement

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try and correct the interference by one or more of the following measures:

• Reorient or relocate the receiving antenna.

• Increase the separation between the equipment and the receiver.

• Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

• Consult the dealer or an experienced radio/TV technician for help.

Japanese Class B Manual Statement

この装置は、クラスＢ機器です。この装置は、住宅環境で使用することを目的としています

が、この装置がラジオやテレビジョン受信機に近接して使用されると、受信障害を引き起こ

すことがあります。取扱説明書に従って正しい取り扱いをして下さい。VCCI-B

This is Class B equipment. Although this equipment is intended for use in residential environments, it could cause poor reception if used near a radio television receiver. Please follow instructions in the instruction manual.

Korea KCC: 해당 무선설비는 전파혼신 가능성이 있으므로 인명안전과 관련된 서비스는 할 수 없습니다.

License exempt. This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Used electrical and electronic equipment should not be mixed with general household waste. Please dispose in accordance with local regulations.

• IEC 62368-1

• FCC ID: 2AXKQ2029

• IC ID: 26610-2029

UAFX Ruby ‘63 Manual

This article contains complete operating instructions for the UAFX Ruby '63 effects pedal.

Manual Contents

1. Quick Start
2. Powering UAFX
3. Connections
4. Overview
5. Operation
6. Controls
7. Effect Details
8. Specifications
9. Safety

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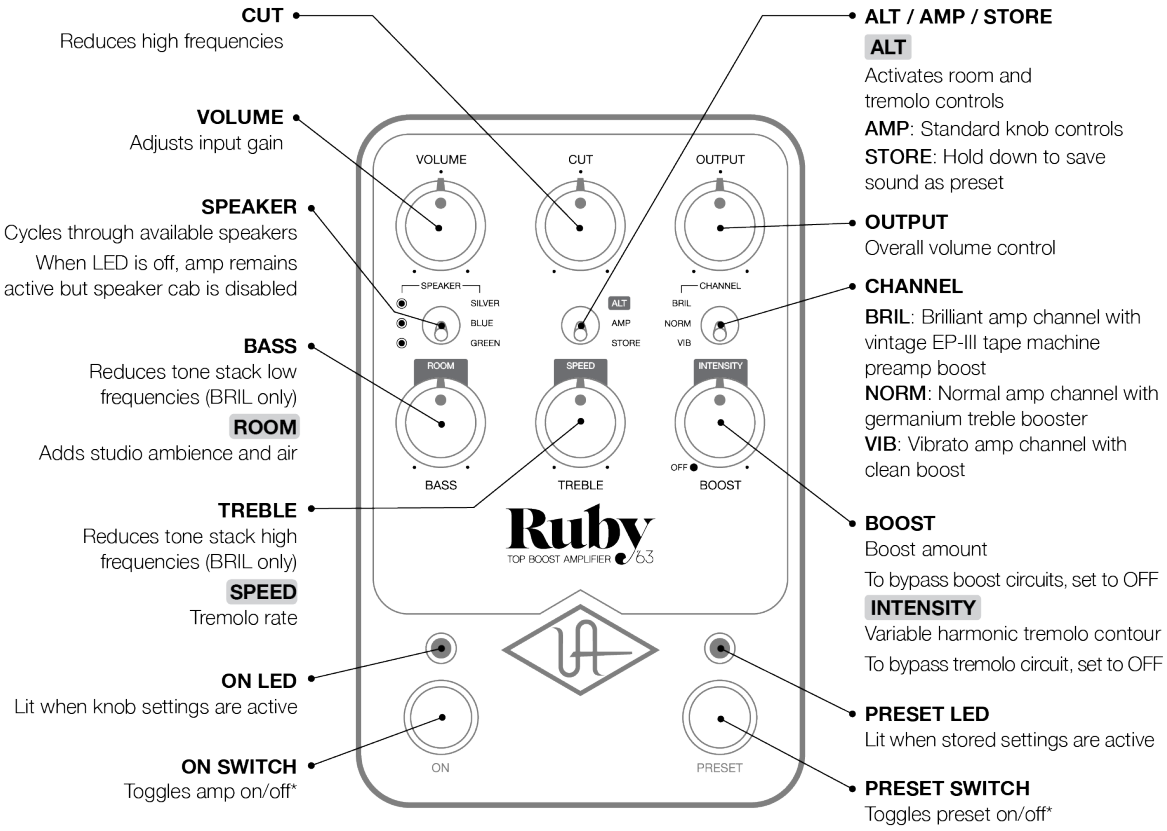
Please let us know how we’re doing. Feel free to reach out to us via our website www.uaudio.com, and via our social media channels.

Thank you for your support, and enjoy your sonic exploration!

Sincerely,

Bill Putnam Jr.

Ruby '63 Quick Start



[Download Ruby '63 Quick Start Sheet]

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Note: Power supply sold separately.

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Important Power Notes

- Each UAFX pedal requires 400 mA of current. Make sure your power supply can deliver at least 400 mA to the pedal for proper operation and performance.
- An isolated supply provides power and grounding that is electrically separated, usually by means of a transformer for each connector. Some low-cost power supplies might have separate connectors, but might not provide true ground and power isolation, causing noise and ground loop hum.
- If your power supply has multiple outputs, make sure that each output provides true isolation, or that you connect your pedal to its own power supply.
- It’s OK to connect a power supply that can deliver more than 400 mA. The pedal only draws the current it needs and will not be damaged if the supply is 9VDC.
- If your power supply is not isolated, you might hear additional hum in the pedal signals. If the supply cannot provide 400 mA of current, the pedal might not operate properly, even if the LEDs and switches seem to be working.

Ruby '63 Connections

All UAFX audio jacks accept 1/4" (6.35 mm) unbalanced TS (Tip-Sleeve) instrument cables. Although TRS (Tip-Ring-Sleeve) cables may be used, they offer no benefit over TS cables.

Mono and stereo connections

Your UAFX pedal senses which jacks are connected and adjusts the internal signal routing automatically. Stereo inputs are processed in true stereo, and output as either stereo or mono depending on the connected outputs.

Important: You must connect to UAFX’s IN 1/MONO jack. The IN 2/STEREO jack doesn’t work by itself without the IN 1/MONO connection.

Buffered output

Ruby ‘63’s output is always buffered and there is no dry analog through. The pedal must be powered to pass audio.

4-cable mode

4-cable mode is a special routing mode, only available when the pedal is configured in Live | Preset mode, which allows you to add your Ruby ‘63 pedal to your effects-loop equipped guitar amplifier as a separate channel. Using this feature, you can switch between your guitar amp’s built-in preamp and the preamp sounds in Ruby ‘63.

Warning: Turn off your amplifier before wiring the pedal and enabling 4-cable mode. If you enable 4-cable mode without the cables wired correctly, you can cause extreme feedback.

To connect and configure your pedal and amp for 4-cable mode, see [link to 4-cable mode section in UAFX Control app manual].

UAFX pedal operating levels

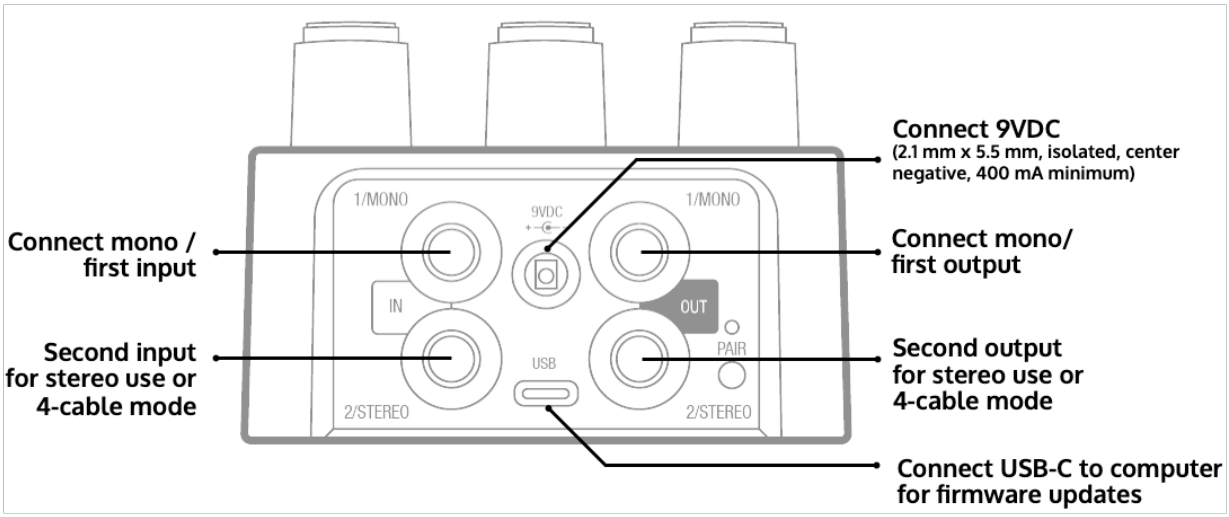
UAFX pedals are designed with enough headroom to easily accommodate instrument levels and amp effects loop levels, but they can also handle line-level gear such as synthesizers and audio interfaces. The pedals are voiced for instrument levels, so you may need to reduce the line out level of the gear you’re connecting into the pedals to avoid overdriving the effects.

USB-C port

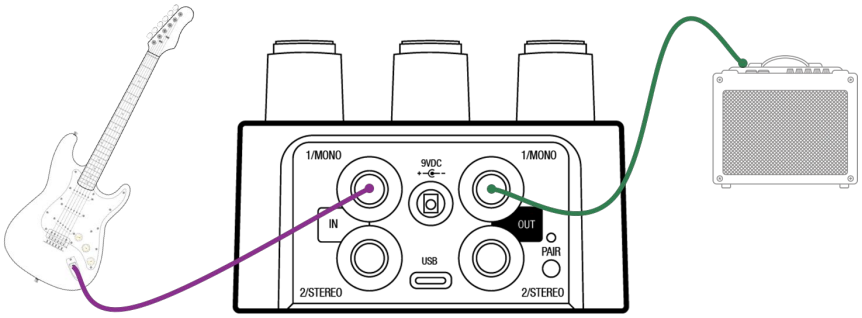
The USB-C port is for pedal registration and firmware updates only, via the UAFX Control desktop app for Mac and Windows computers. You can connect to any type of USB port on the computer, but you may need an adapter.

Pair button

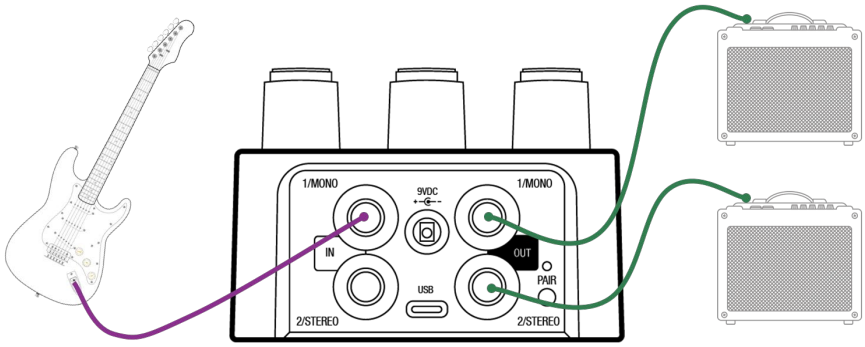
The PAIR button and LED are for pedal registration and global pedal settings only, via the UAFX Control mobile app.



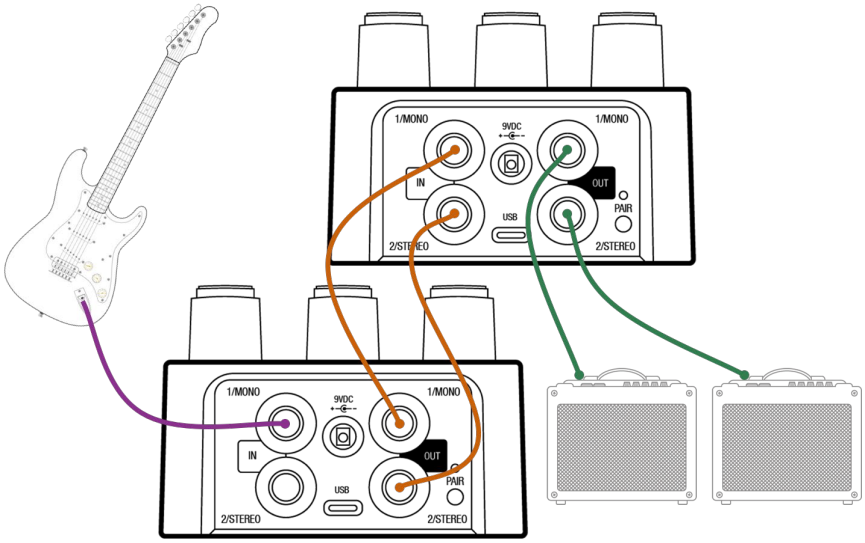
Connection Examples



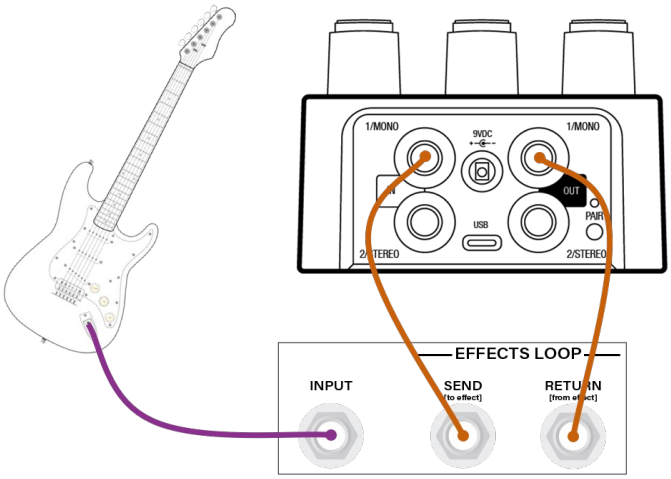
Mono in > Mono Out



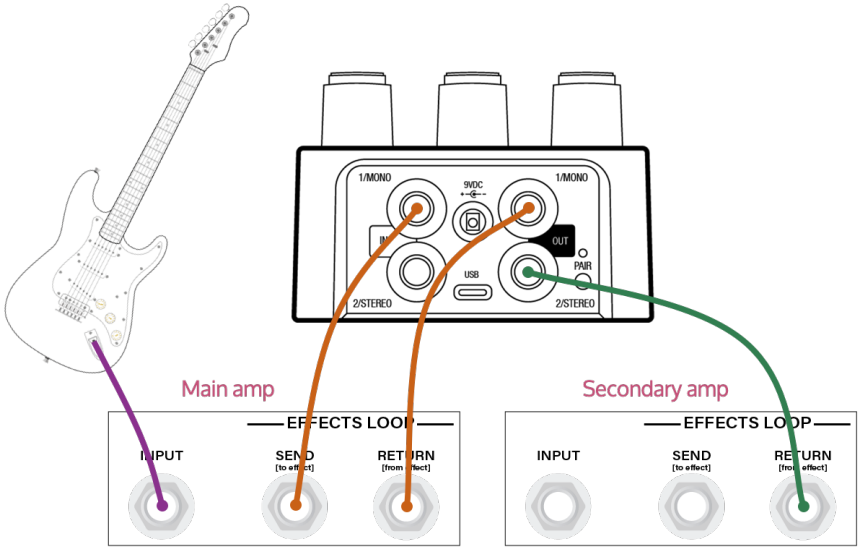
Mono in > Stereo out



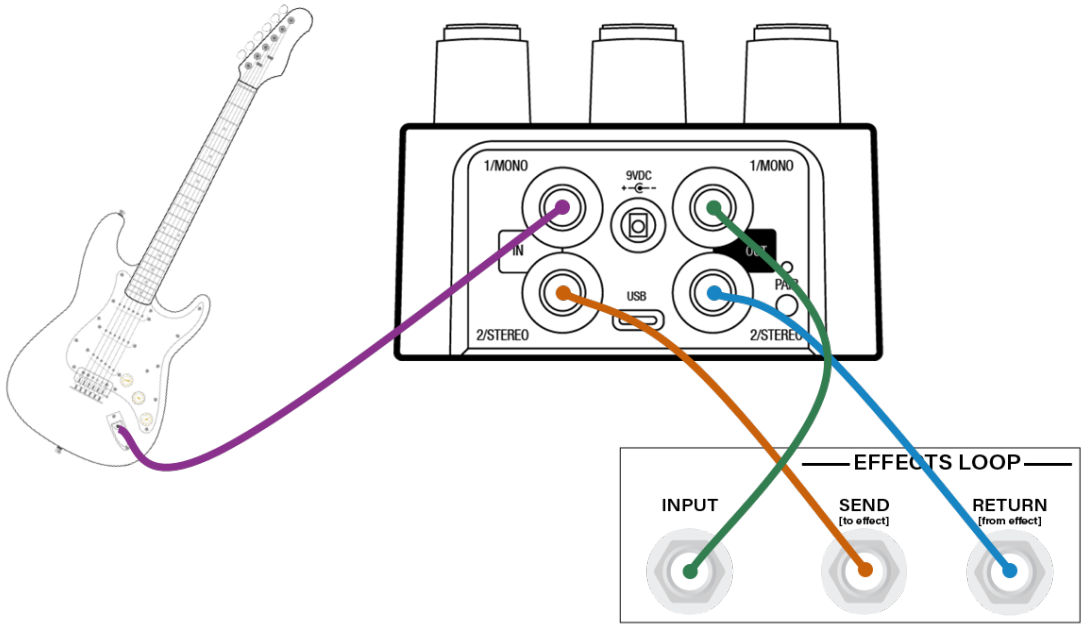
Stereo in > stereo out



Pedal in amp's effects loop



Pedal in dual amp stereo setup
showing effects loop connections for both amps



Pedal in 4-cable mode (power off amplifier before configuring)

Ruby '63 Overview

Tagline

Marketing copy

UAFX Control software

UAFX Control is a software app that's used to register all UAFX pedals, get your free bonus speaker cabinets, install UAFX firmware updates, and change UAFX global settings such as footswitch modes. To get UAFX Control software, go here.

UAFX Control Mobile App – The UAFX Control mobile app is for registration, getting free bonus speaker cabinets, global settings such as footswitch modes, and preset management.

UAFX Control Desktop App - The UAFX Control desktop app is for pedal registration, getting free bonus speaker cabinets, and firmware updates. Firmware updates for UAFX may be provided to improve or add functionality, and are installed over a USB connection to a computer, using a USB-C cable (not included).

Free Bonus Speakers

To get the free speaker cabinets, register your pedal with UAFX Control software. To get UAFX Control, visit:

uaudio.com/uafx/start

Ruby '63 Operation

Live Mode and Preset Mode

Ruby ‘63 is set up in Live | Preset mode by default. Use the UAFX mobile app to change footswitch assignments.

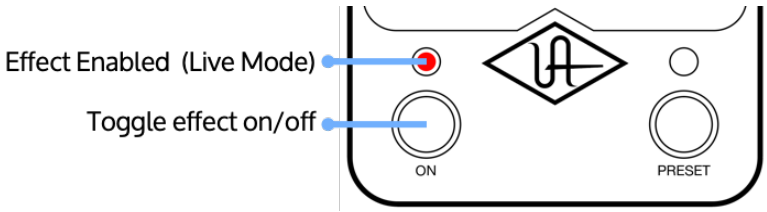
In Live mode, the sound reflects the current positions of the knobs, switches, and LEDs on the pedal, and the left footswitch toggles the Live mode effect on/off.

In Preset mode, you hear the settings that are stored as a preset, and the current positions of the knobs and switches do not reflect the sound. Instead, all knob and switch positions are internally set to their stored positions, and the right footswitch toggles the preset effect on/off.

You can store a preset you’ve created with your own settings by holding down the ALT/AMP/STORE switch.

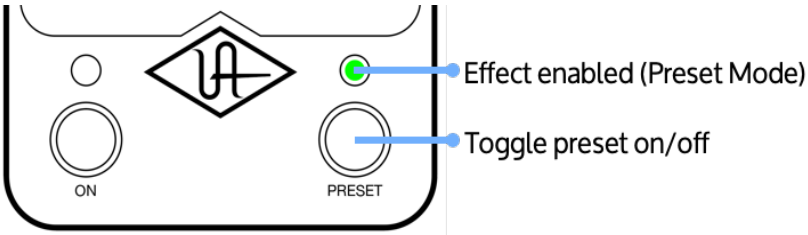
Live Mode

To enter Live mode, press the left footswitch. Press the left footswitch again to toggle the effect on/off. The left footswitch LED is lit red when the Live mode effect is on.



Preset Mode

To enter Preset mode, press the right footswitch. Press the right footswitch again to toggle the preset on/off. The right footswitch LED is lit green when the preset is on.



Note: The left and right footswitches can be set to other modes in the UAFX Control mobile app.

Stored Preset

You can store a preset on your UAFX pedal, and recall it using the right footswitch. A default factory preset is loaded and accessed with the preset switch. Presets you save, and other artist and factory presets are available in the UAFX Mobile app.

When you store a preset while in Live mode, the position of all knobs and switches on the pedal are saved. The preset also stores ALT knob positions, such as the alternate settings for the vibrato circuit. When you make a great sound in Live mode, storing it is as easy as holding down the store switch.

When you store a preset while in Preset mode, only those knobs and switches that have changed since you loaded the preset are saved. So, when saving in Preset mode, *what you hear is what is saved*, and not the current positions of the knobs and switches.

To store your sound as a preset

1. Set your sound as you want it stored in the preset.
2. Press and hold the ALT/AMP/STORE switch in the down position until the green PRESET footswitch LED blinks rapidly (about 0.5 seconds).

Preset Notes

- The settings for Preset mode and Live mode are completely independent.
- When you move a knob or switch in Preset mode, the settings for the sound immediately jump to the new knob or switch position.
- You can view your presets and factory presets and load a preset on the pedal with the UAFX mobile app.

Ruby '63 Controls

The following controls are available on Ruby ‘63.

Volume

Adjusts the amp’s gain. As you increase volume, the character of the amp changes, becoming more overdriven and compressed. When the volume knob is set at the minimum, you will still hear sound from the pedal. This level has been adjusted to provide the lowest amount of usable volume that the original hardware can provide. As you turn the volume knob up, the output volume is automatically adjusted to compensate.

Note: This is the volume control on the original amp. For clean “post-amp” volume adjustments, use the Output control.

Cut

Reduces high frequencies by filtering the power amp. As you rotate this knob clockwise, the amp tone becomes darker.

Note: The range of the Cut knob has been adjusted to more easily find the ‘sweet spot” for this control. The original hardware had a narrow range where the Cut knob had an audible effect. The amount of available Cut EQ is identical to the original amp, but the usable range for this knob has been expanded.

Output

Adjusts the output level from the pedal. When the Output volume is set at noon (running direct or into other pedals), it should be roughly the same level as your bypassed volume.

Output volume allows you to set the level for your setup. This control is not available on the original amplifier.

Bass / Room

Adjusts two different settings, depending on the position of the Alt / Amp / Store switch.

- AMP mode: Reduces the low frequency response of the amp’s tone stack on the Brilliant channel only.
- ALT mode: Adjusts the amount of room tone mixed into the signal.

Notes and Tips

- Room amount only affects your sound when you use a speaker cabinet. When the speaker cabinet is bypassed, Room has no effect. The Speaker LED blinks rapidly to indicate the knob is inactive.
- Set Room to noon for a good starting point, and add or remove room to taste.
- There is no fully wet Room sound.

Treble / Speed

Adjusts two different settings, depending on the position of the Alt / Amp / Store switch.

- AMP mode: Reduces the high frequency response of the amp’s tone stack on the Brilliant channel only.
- ALT mode: Adjusts the amp’s vibrato speed.

Notes

- The Bass and Treble knobs only work with the Brilliant channel, as with the original hardware.
- The Bass and Treble knobs cut bass and treble frequencies as you rotate them clockwise (in effect, they work in reverse of most EQ knobs).

Bass and Treble Use Notes

The bass and treble knobs are extremely interactive.

- When bass and treble are turned all the way up (all the way to the left), the midrange is reduced and the bass and treble are increased in a very extreme “smiley-face’ EQ curve.
- Turn bass and treble up to around noon for more midrange and a more natural, flatter and fuller tone.
- A lot of usable sounds can be found by adjusting the bass and treble knobs to similar positions.

Boost

Adjusts the amount of boost applied to the amp circuitry. See “Channel” for information on the available boost types for each channel.

In ALT Mode, adjusts the amp’s vibrato intensity.

Notes

- To bypass the boost circuit, set Boost to OFF.
- To bypass the vibrato circuit on the Vibrato channel, in ALT mode, set Boost to OFF.

Speaker

Push this switch up or down to change the speaker cabinet and microphone emulation. When you push the switch repeatedly in the same direction, the pedal cycles through all available speakers.

Tip: Register your pedal to get bonus speaker cabinets.

Speaker Type LED

The currently selected speaker cabinet is indicated by this LED. A red LED indicates that the effect printed on the pedal is selected. The bonus speakers are selected when the LEDs are green (the bonus speakers don't have labels).

When the LED is off, the amp is active but no speaker simulation is applied.

Tip: When playing through a guitar amplifier and speaker cabinet, you might want to bypass the speaker cabinet emulation.

Alt / Amp / Store

In AMP mode, the standard knob controls are available for the amp.

In ALT mode, room amount and vibrato speed and intensity controls are available on the Bass, Treble, and Boost knobs.

To store a preset, hold this switch down. Press and hold the STORE switch in the down position until the green PRESET footswitch LED blinks rapidly (about 0.5 seconds).

See the Stored Preset section for additional details.

Channel

Ruby ‘63 includes three channels, each of which provides different amp character and features. The boost type is also unique to each channel.

Use the Channel switch to select the channel variation, and the Boost knob to add gain from these mods. See Dream ‘65 Mods for more information on the mods.

- NORMAL is the amp’s normal channel. The Boost knob adds gain from a germanium treble booster circuit to the amp’s input.
- BRIL is the amp’s Brilliant channel. The Boost knob adds gain from the preamp of a tape EP-III effect.
- VIB is the amp’s vibrato channel. The boost knob adds clean boost to the amp’s input.

Left Switch LED

By default, the left footswitch LED is lit red when Live mode knob and switch settings are active.

Other states for the left footswitch LED are detailed in the table below.

Left Footswitch

By default, press to toggle the Live mode sound on/off with the current knob and switch settings.

This footswitch can also toggle other options, depending on the pedal footswitch mode, as detailed in the table below.

Preset Footswitch LED

The preset footswitch LED is lit green when stored settings are active. There are other modes for the right footswitch LED, as detailed in the table below.

Right Footswitch

By default, press to toggle the Preset sound on/off.

This footswitch can also toggle other options, depending on the pedal footswitch mode, as detailed in the table below.

Footswitch modes

With the UAFX Control mobile app, you can change the operation of your pedal and your pedal's footswitches for your amplifier setup and performance preferences.

For more information on footswitch modes and how to enable them, see the UAFX Control App Manual.

Mode	**Left Footswitch**	**Right Footswitch**
Live | Preset	Live mode on/off	Preset on/off
Boost | Live/Preset	Boost on/off	Live mode/Preset toggle
Vibrato | Live/Preset	Vibrato on/off	Live mode/Preset toggle
Boost | Vibrato	Boost on/off	Vibrato on/off
4-cable mode	Live mode on/off *If Live and Preset are off, you hear your amp's sound.	Preset mode on/off *If Live and Preset are off, you hear your amp's sound.

Ruby '63 Speakers

Each speaker, cabinet, and mic setting has a unique sound. Toggle up or down through the list with the Speaker switch. When you register your pedal with UAFX Control software, you get three free bonus cabs (green LEDs).

Note: The speaker cabinet labels on the pedal apply only when that speaker switch's LED is red. The labels when the LED is green are only visible in the UAFX Control mobile app.

Switch label	LED Color	Active Speaker	Speaker/Cab/Mic	Notes
SILVER	Red	SILVER	Vintage Silver Bulldog speakers in a 2x12 amp, mic'd with a 421.	High end warmth and sheen, with open midrange.
BLUE	Red	BLUE	Vintage AlNiCo Blue speakers in a 2x12 amp cabinet, mic'd with a 57.	Classic speaker with more high end and chime.
GREEN	Red	GREEN	G12H Anniversary	More midrange honk

			speaker in a 2x12 cabinet, mic'd with a 160 ribbon mic.	and tamer highs, thicker when used with distortion.
SILVER	Green	BLUE MOD	New AlNiCo Blue speaker in a 2x12 cabinet, mic'd with a 57.	Brighter and with more chime, clarity, and jangle than vintage blue.
BLUE	Green	MATCH	Modern “Match” 2x12 speaker cabinet, mic'd with a 57.	More muscular, modern take on the Ruby sound. Great with an overdrive or distortion pedal in front of the amp.
GREEN	Green	GOLD	Modern AlNiCo Gold speaker in a 1x12 half open-back cab, mic'd with a 421 condenser mic.	Narrower sound, midrange forward, thicker with less high end.
None	Off	EXTERNAL	No emulated cabinet	Use with a real guitar cabinet or external cabinet emulation.

Ruby ‘63 Channels

Each Ruby ‘63 amp channel has a unique sound, controls, and boost circuitry. You increase the amount of gain to the input of each channel by rotating the Boost knob clockwise. When the boost knob is turned all the way down to OFF, the boost circuitry is disabled and has no effect on amp color and gain.

Brilliant (BRIL)

The Brilliant channel circuit incorporates an extra tube for more gain and more treble. This channel has less headroom before breakup, and more gain overall.

- The Cut, Bass and Treble knobs provide the EQ for the Brilliant channel.
- The Vibrato circuit is disabled. When turning the ALT mode knobs for Speed or Intensity, the Speaker LED blinks rapidly to indicate the knobs are inactive.
- The boost knob adds input gain from an EP-III preamp. Turn this boost on at a low setting to smooth out the sound of the Brilliant channel.

Normal (NORM)

The Normal channel is based on a ‘61 non-top boost amplifier. The amp features more headroom and lower overall gain than the top boost amplifier featured on the Brilliant channel.

- The Cut knob provides the only EQ control for the Normal channel.
- Bass and Treble knobs do not change the sound. When turning the knobs for Bass or Treble, the Speaker LED blinks rapidly to indicate the knobs are inactive.
- The Vibrato circuit is disabled. When turning the ALT mode knobs for Speed or Intensity, the Speaker LED blinks rapidly to indicate the knobs are inactive.
- The Boost knob adds input gain from a germanium-transistor based treble booster circuit. This provides a signature midrange-boosted gain sound heard on countless records.
- This channel takes pedals very well. Try a bright overdrive or distortion pedal in front of it.

Vibrato (VIB)

The Vibrato channel is a uniquely-voiced channel with its own set of inputs and a unique sound. The Vibrato circuit is active.

- Vibrato Speed and Depth controls are available in ALT mode.
- The Cut knob provides the EQ for the normal channel.
- Bass and Treble knobs do not change the sound. When turning the knobs for Bass or Treble, the Speaker LED blinks rapidly to indicate the knobs are inactive.
- The Boost knob adds clean gain without added distortion. As you increase the boost level, midrange and treble increase slightly and bass decreases slightly, to prevent flubby or mushy distortion.
- Vibrato sounds different depending on the Intensity knob setting, providing harmonic tremolo-type tones when set lower, and more aggressive volume tremolo when set high.
- The Vibrato speed range on the pedal has an extended range so you can set it slower than the original amplifier.

Ruby '63 Default Preset

The default preset for Ruby '63 provides a useful preset [TBD]. You can replace this preset by storing your own.

Ruby ‘63 tone shortcuts

Set the Speaker and Channel switches in the same positions for two classic amp and speaker pairings.

- **WORN BLUE + BRIL** - Pairing used in Liverpool and in Dublin.
- **SILVER + NORM** - Operatic rock pairing.

Ruby '63 Specifications

Power requirements (power supply sold separately)	Isolated 9VDC, center-negative, 400mA minimum
Inputs	2 x ¼” unbalanced TS (input 2 for stereo connections)
Outputs	2 x ¼” unbalanced TS (output 2 for stereo connections)
Input impedance	500 Kilohms (Mono In) 1 Megohms (Stereo In)
Output impedance	500 Ohms
Maximum input level	12.2 dBu
Maximum output level	12.1 dBu
Dynamic Range	115 dB (A-weighted)
Signal to noise ratio	-115 dB (A-weighted)
Frequency response	20 Hz to 20 kHz, ±3 dB
A/D and D/A conversion	24-bit, 44.1 kHz
USB Type-C	For registration and firmware updates via computer
Wireless technology	Bluetooth v5
Dimensions (with knobs and protrusions)	Height: 2.56 inches, 6.5 cm Width: 3.62 inches, 9.2 cm Depth: 5.55 inches, 14.1 cm
Weight (unboxed)	1.24 lbs 0.567 kg

Note: All specifications are subject to change without notice.

Ruby '63 Safety

Caution: To help maintain the safety of your product, the chosen power supply must be a certified power supply complying with Limited Power Source (LPS) requirements with the following characteristics and electrical ratings: Isolated 9VDC, center-negative, 400 mA minimum, 2.1x5.5 mm barrel connector. Additional details at help.uaudio.com.

Before using this unit, be sure to carefully read the applicable items of these operating instructions and the safety suggestions. Afterwards, keep them handy for future reference. Take special care to follow the warnings indicated on the unit, as well as in the operating instructions.

• Read the instructions.

• Keep these instructions.

• Heed all warnings.

• Follow all instructions.

• Do not use this apparatus near water.

• Clean only with dry cloth.

• Do not block any ventilation openings. Install in accordance with the manufacturer’s instructions.

• Do not install near any heat source such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

• Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other.

• Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.

• Only use with attachments/accessories specified by the manufacturer.

• Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

• Ruby '63 does not contain a fuse or any other user-replaceable parts.

• A compliance marking label is provided on bottom of the unit.

United States Class B Manual Statement

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try and correct the interference by one or more of the following measures:

• Reorient or relocate the receiving antenna.

• Increase the separation between the equipment and the receiver.

• Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

• Consult the dealer or an experienced radio/TV technician for help.

Japanese Class B Manual Statement

この装置は、クラスＢ機器です。この装置は、住宅環境で使用することを目的としています

が、この装置がラジオやテレビジョン受信機に近接して使用されると、受信障害を引き起こ

すことがあります。取扱説明書に従って正しい取り扱いをして下さい。VCCI-B

This is Class B equipment. Although this equipment is intended for use in residential environments, it could cause poor reception if used near a radio television receiver. Please follow instructions in the instruction manual.

Korea KCC: 해당 무선설비는 전파혼신 가능성이 있으므로 인명안전과 관련된 서비스는 할 수 없습니다.

License exempt. This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Used electrical and electronic equipment should not be mixed with general household waste. Please dispose in accordance with local regulations.

• IEC 62368-1

• FCC ID: 2AXKQ2029

• IC ID: 26610-2029

UAFX Woodrow '55 Manual

This article contains complete operating instructions for the UAFX Woodrow '55 effects pedal.

Manual Contents

1. Quick Start
2. Powering UAFX
3. Connections
4. Overview
5. Operation
6. Controls
7. Effect Details
8. Restore Defaults
9. Specifications
10. Safety

A Letter From Bill Putnam, Jr.

Congratulations on your new UAFX pedal. We know that buying any new piece of gear requires an investment of time and money, and we aim to make your investment pay off!

At UA, we are dedicated to the idea of building “instant classics” — the type of music and audio gear that delivers album-worthy sounds to inspire you for decades.

UAFX pedals represent more than 20 years of research into vintage analog effects, coupled with next-generation digital engineering and rock-solid reliability.

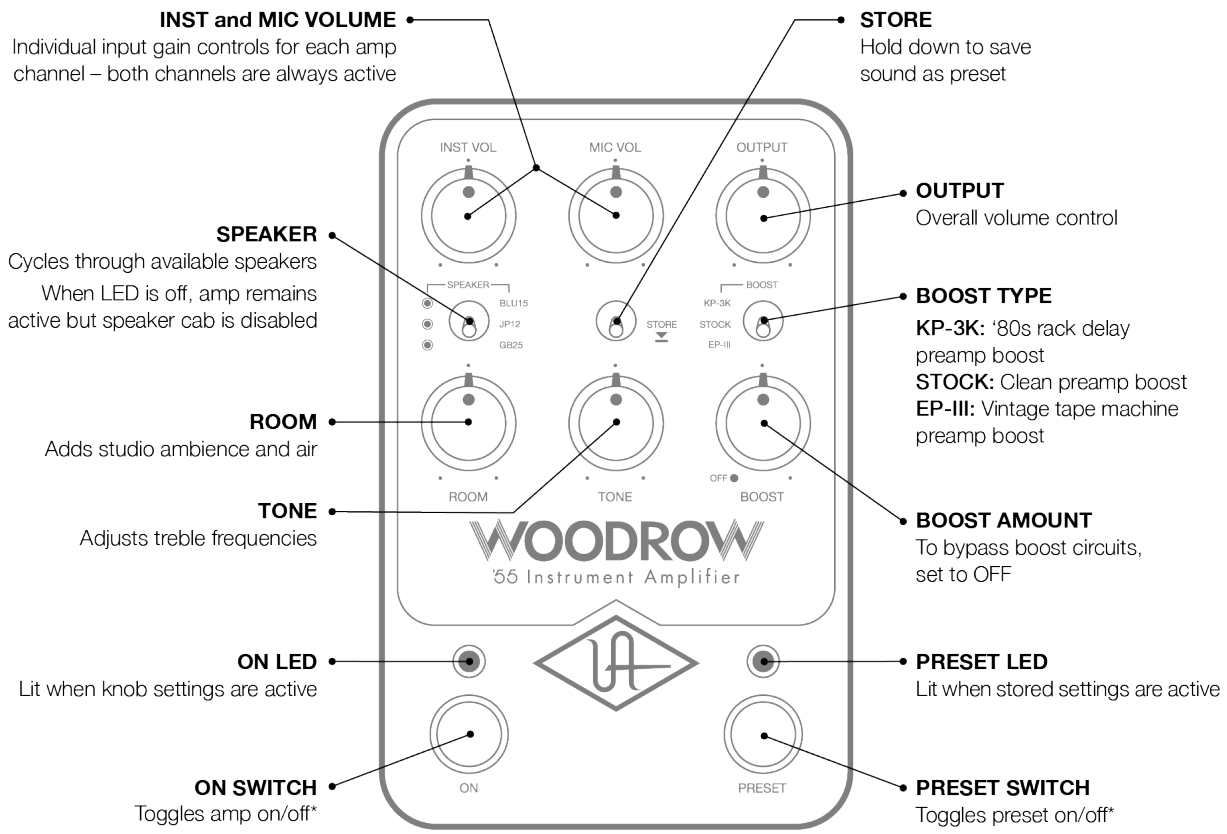
Please let us know how we’re doing. Feel free to reach out to us via our website www.uaudio.com, and via our social media channels.

Thank you for your support, and enjoy your sonic exploration!

Sincerely,

Bill Putnam Jr.

Woodrow '55 Quick Start



Download Woodrow '55 Quick Start Sheet

Woodrow '55 Power

Note: Power supply sold separately.

UAFX pedals require an isolated 9 volt DC, center negative, 2.1 x 5.5 mm barrel connector (same as standard Boss connectors) power supply, which can provide 400 mA (milliamps) of current. Each UAFX pedal must be connected to a separate power supply, or connected to an

isolated power connection from a multi-output power supply. Connect the power supply to the 9VDC connector on the pedal's rear panel.

When you first connect your UAFX pedal to a power supply, the Effect LEDs cycle, showing that the pedal is starting up. The startup sequence takes about 15 seconds.

If power to your UAFX pedal is interrupted during operation, audio stops. UAFX Woodrow '55 requires power to pass audio through the pedal.

Important Power Notes

- Each UAFX pedal requires 400 mA of current. Make sure your power supply can deliver at least 400 mA to the pedal for proper operation and performance.
- An isolated supply provides power and grounding that is electrically separated, usually by means of a transformer for each connector. Some low-cost power supplies might have separate connectors, but might not provide true ground and power isolation, causing noise and ground loop hum.
- If your power supply has multiple outputs, make sure that each output provides true isolation, or that you connect your pedal to its own power supply.
- It's OK to connect a power supply that can deliver more than 400 mA. The pedal only draws the current it needs and will not be damaged if the supply is 9VDC.
- If your power supply is not isolated, you might hear additional hum in the pedal signals. If the supply cannot provide 400 mA of current, the pedal might not operate properly, even if the LEDs and switches seem to be working.

Woodrow '55 Connections

All UAFX audio jacks accept 1/4" (6.35 mm) unbalanced TS (Tip-Sleeve) instrument cables. Although TRS (Tip-Ring-Sleeve) cables may be used, they offer no benefit over TS cables.

Mono and stereo connections

Your UAFX pedal senses which jacks are connected and adjusts the internal signal routing automatically. Stereo inputs are processed in true stereo, and output as either stereo or mono depending on the connected outputs.

Important: You must connect to UAFX's IN 1/MONO jack. The IN 2/STEREO jack doesn't work by itself without the IN 1/MONO connection.

Buffered output

Woodrow ‘55’s output is always buffered and there is no dry analog through. The pedal must be powered to pass audio.

4-cable mode

4-cable mode is a special routing mode, only available when the pedal is configured in Live | Preset mode, which allows you to add your Woodrow ‘55 pedal to your effects-loop equipped guitar amplifier as a separate channel. Using this feature, you can switch between your guitar amp’s built-in preamp and the preamp sounds in Woodrow ‘55.

Warning: Turn off your amplifier before wiring the pedal and enabling 4-cable mode. If you enable 4-cable mode without the cables wired correctly, you can cause extreme feedback.

To connect and configure your pedal and amp for 4-cable mode, see [link to 4-cable mode section in UAFX Control app manual].

UAFX pedal operating levels

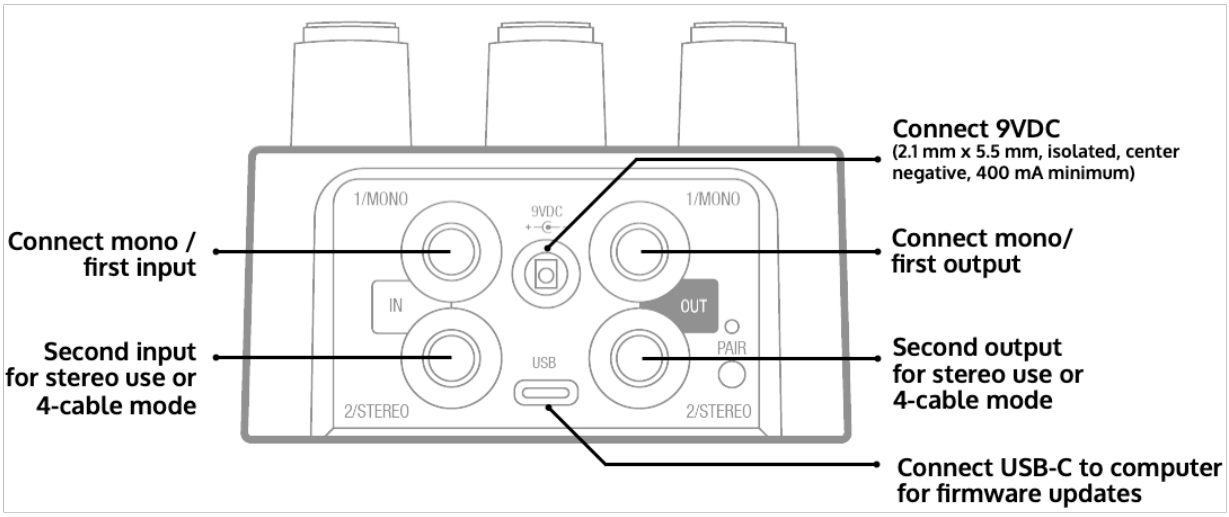
UAFX pedals are designed with enough headroom to easily accommodate instrument levels and amp effects loop levels, but they can also handle line-level gear such as synthesizers and audio interfaces. The pedals are voiced for instrument levels, so you may need to reduce the line out level of the gear you’re connecting into the pedals to avoid overdriving the effects.

USB-C port

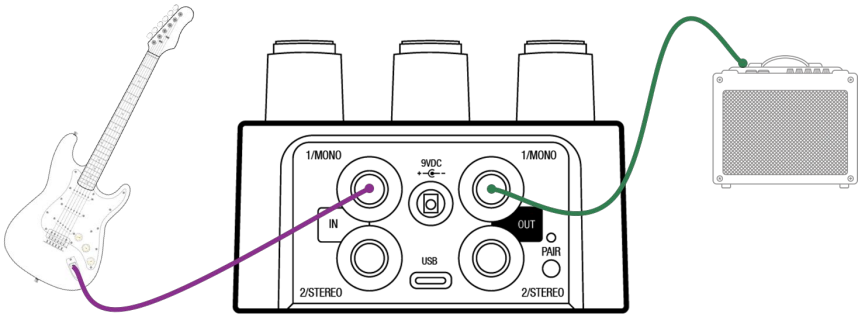
The USB-C port is for pedal registration and firmware updates only, via the UAFX Control desktop app for Mac and Windows computers. You can connect to any type of USB port on the computer, but you may need an adapter.

Pair button

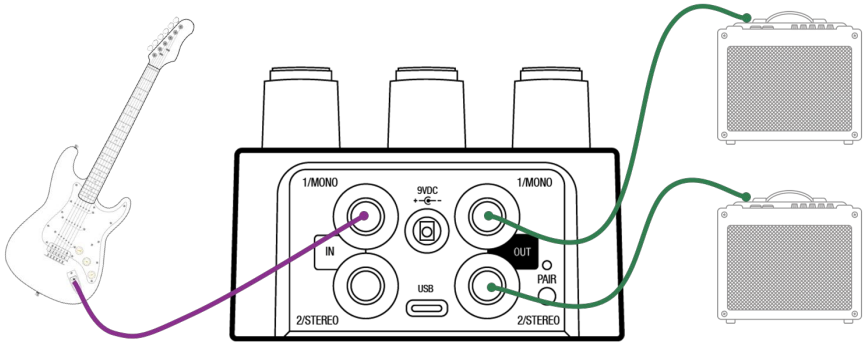
The PAIR button and LED are for pedal registration and global pedal settings only, via the UAFX Control mobile app.



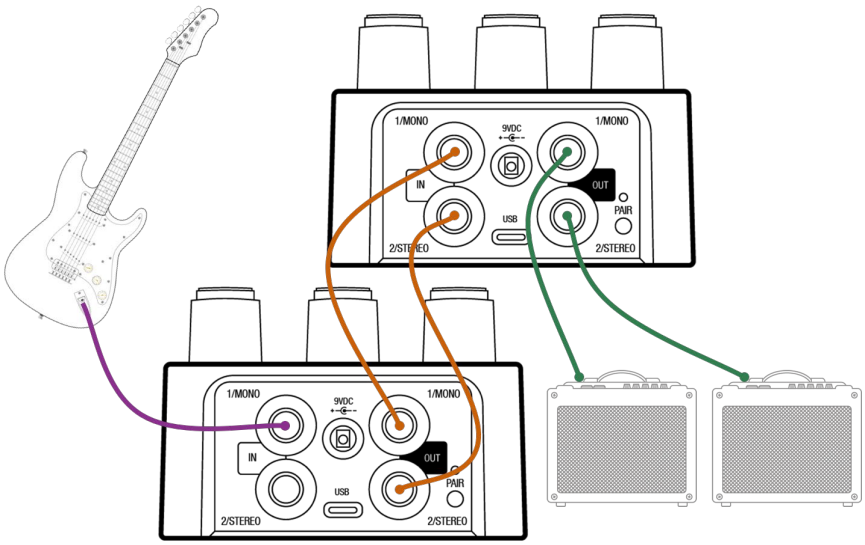
Connection Examples



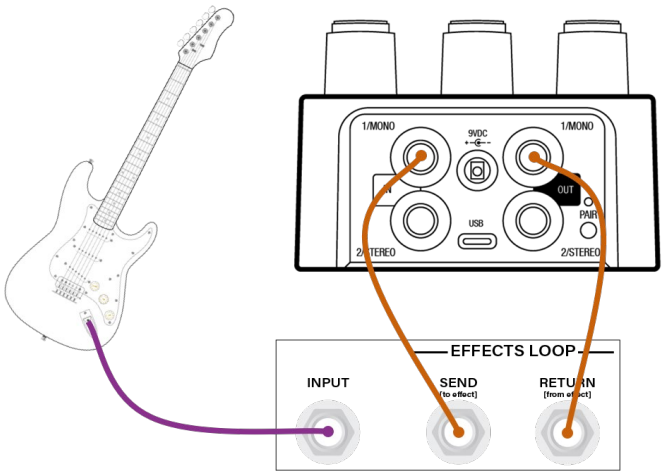
Mono in > Mono Out



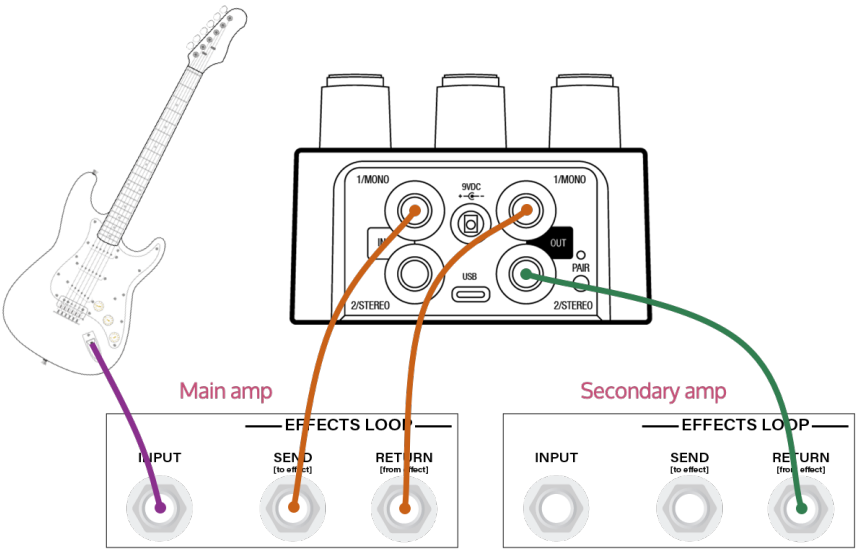
Mono in > Stereo out



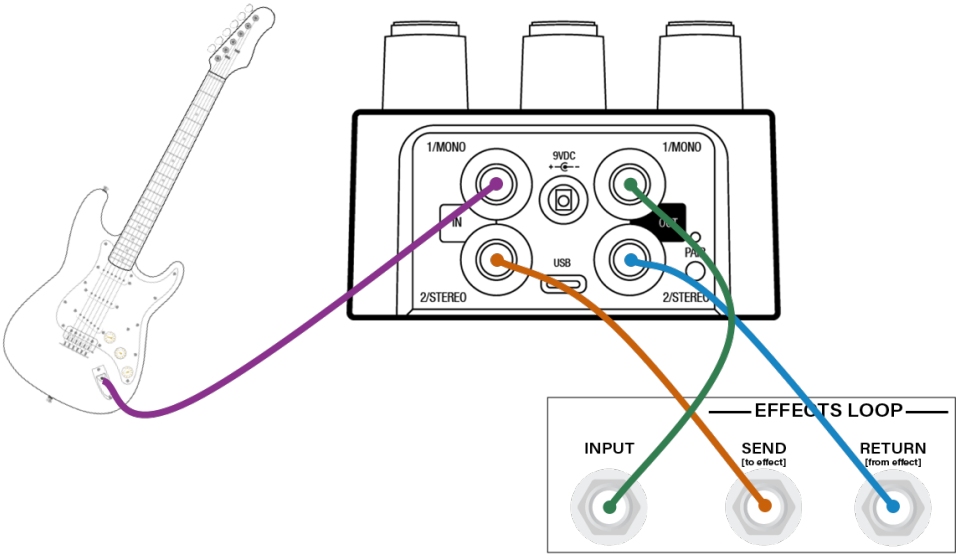
Stereo in > stereo out



Pedal in amp's effects loop



Pedal in dual amp stereo setup
showing effects loop connections for both amps



Pedal in 4-cable mode (power off amplifier before configuring)

Woodrow '55 Overview

Tagline

Marketing copy

UAFX Control software

UAFX Control is a software app that's used to register all UAFX pedals, get your free bonus speaker cabinets, install UAFX firmware updates, and change UAFX global settings such as footswitch modes. To get UAFX Control software, go here.

UAFX Control Mobile App – The UAFX Control mobile app is for registration, getting free bonus speaker cabinets, global settings such as footswitch modes, and preset management.

UAFX Control Desktop App - The UAFX Control desktop app is for pedal registration, getting free bonus speaker cabinets, and firmware updates. Firmware updates for UAFX may be provided to improve or add functionality, and are installed over a USB connection to a computer, using a USB-C cable (not included).

Free Bonus Speakers

To get the free speaker cabinets, register your pedal with UAFX Control software. To get UAFX Control, visit:

uaudio.com/uafx/start

Woodrow '55 Operation

Live Mode and Preset Mode

Woodrow '55 is set up in Live | Preset mode by default. Use the UAFX mobile app to change footswitch assignments.

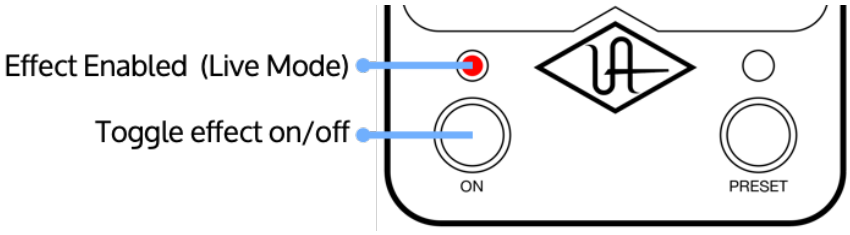
In Live mode, the sound reflects the current positions of the knobs, switches, and LEDs on the pedal, and the left footswitch toggles the Live mode effect on/off.

In Preset mode, you hear the settings that are stored as a preset, and the current positions of the knobs and switches do not reflect the sound. Instead, all knob and switch positions are internally set to their stored positions, and the right footswitch toggles the preset effect on/off.

You can store a preset you've made with your own settings by holding down the STORE switch.

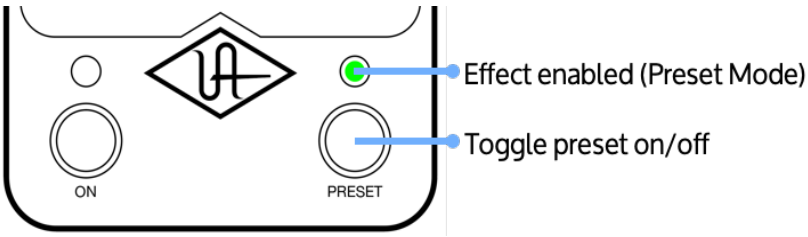
Live Mode

To enter Live mode, press the left footswitch. Press the left footswitch again to toggle the live effect on/off. The left footswitch LED is lit red when the Live mode effect is on.



Preset Mode

To enter Preset mode, press the right footswitch. Press the right footswitch again to toggle the preset on/off. The right footswitch LED is lit green when the preset is on.



Note: The left and right footswitches can be set to other modes in the UAFX Control mobile app.

Stored Preset

You can store a preset on your UAFX pedal, and recall it using the right footswitch. A default factory preset is loaded and accessed with the preset switch. Presets you save, and other artist and factory presets are available in the UAFX Mobile app.

When you store a preset while in Live mode, the position of all knobs and switches on the pedal are saved. When you make a great sound in Live mode, storing it is as easy as holding down the store switch.

When you store a preset while in Preset mode, only those knobs and switches that have changed since you loaded the preset are saved. So, when saving in Preset mode, *what you hear is what is saved*, and not the current positions of the knobs and switches.

To store your sound as a preset

1. Set your sound as you want it stored in the preset.
2. Press and hold the STORE switch in the down position until the green PRESET footswitch LED blinks rapidly (about 0.5 seconds).

Preset Notes

- The settings for Preset mode and Live mode are completely independent.
- When you move a knob or switch in Preset mode, the settings for the sound immediately jump to the new knob or switch position.

- You can view your presets and factory presets and load a preset on the pedal with the UAFX mobile app.

Woodrow '55 Controls

The following controls are available on Woodrow ‘55.

Instrument Volume (INST VOL) and Mic Volume (MIC VOL)

Adjusts the amp’s instrument and mic channel gain. The instrument channel is slightly brighter and more aggressive as you turn it up, and the mic channel is darker, with more bottom end. As you increase one or both volume controls, the character of the amp changes, becoming more overdriven and compressed. The clean range of the volume controls has been slightly expanded– all the gain is still available but the ability to dial in clean sounds is improved.

Woodrow’s channels are automatically “jumped” or ganged together when you turn both volume controls up. To hear either the Instrument or Mic channel alone, turn the other volume control all the way down.

Note: These are the volume controls on the original amp. For clean “post-amp” volume adjustments, use the Output control.

Output

Adjusts the output level from the pedal. When the Output volume is set at noon (running direct or into other pedals), it should be roughly the same level as your bypassed volume.

Output volume allows you to set the level for your setup. This control is not available on the original amplifier.

Room

Adjusts the amount of room tone mixed into the signal.

Notes

- Room amount only affects your sound when you use a speaker cabinet. When the speaker cabinet is bypassed, Room has no effect. The Speaker LED blinks rapidly to indicate the knob is inactive.
- Set Room to noon for a good starting point, and add or remove room to taste.
- There is no fully wet Room sound.

Tone

Adjusts the amp's treble frequencies. The Tone control is interactive with the gain of the amp — as you turn up the Tone, the pedal's overdrive and distortion increase. Start with this around noon for a cleaner sound, and increase it for more gain and brightness.

Boost knob

Adjusts the amount of boost applied to the input of the amp. See "Woodrow '55 Boosts" for information on the available boost types.

Note: When the Boost knob is rotated fully counter-clockwise, no boost is applied.

Speaker

Push this switch up or down to change the speaker cabinet and microphone emulation. When you push the switch repeatedly in the same direction, the pedal cycles through all available speakers.

Tip: Register your pedal to get bonus speaker cabinets.

Speaker Type LED

The currently selected speaker is indicated by this LED. A red LED indicates that the effect printed on the pedal is selected. The bonus speakers are selected when the LEDs are green (the bonus speakers don't have labels).

When the LED is off, the amp is active but no speaker simulation is applied.

Tip: When playing through a guitar amplifier and speaker cabinet, you might want to bypass the speaker cabinet emulation.

Store

To store a preset, hold this switch down. Press and hold the STORE switch in the down position until the green PRESET footswitch LED blinks rapidly (about 0.5 seconds).

See the Stored Preset section for additional details.

Boost Switch

Woodrow '55 includes three boost types: two boost circuits based on popular gear, and a clean boost. These boosts each provide unique character and gain.

- STOCK is the stock amp circuit, and the Boost knob increases clean boost to the amp's input.
- KP-3K provides boost from an '80's rack delay preamp. This boost setting also switches the amp to the low input to provide a cleaner starting point.
- EP-III adds boost from a vintage tape delay preamp.

Use the Boost switch to select the Boost type, and the Boost knob to add gain. See Woodrow '55 Boosts for more information on the available boosts.

Note: When the Boost knob is rotated fully counter-clockwise, no boost is applied.

Left Switch LED

By default, the left footswitch LED is lit red when Live mode knob and switch settings are active.

Other states for the left footswitch LED are detailed in the table below.

Left Footswitch

By default, press to toggle the Live mode sound on/off with the current knob and switch settings.

This footswitch can also toggle other options, depending on the footswitch mode, as detailed in the table below.

Preset Footswitch LED

The preset footswitch LED is lit green when stored settings are active. There are other modes for the right footswitch LED, as detailed in the table below.

Right Footswitch

By default, press to toggle the Preset sound on/off.

This footswitch can also toggle other options, depending on the pedal footswitch mode, as detailed in the table below.

Footswitch modes

With the UAFX Control mobile app, you can change the operation of your pedal and your pedal's footswitches for your amplifier setup and performance preferences.

For more information on footswitch modes and how to enable them, see the UAFX Control App Manual.

Mode	**Left Footswitch**	**Right Footswitch**
Live | Preset	Live mode on/off	Preset on/off
Boost | Live/Preset	Boost on/off	Live mode/Preset toggle
4-cable mode	Live mode on/off *If Live and Preset are off, you hear your amp's sound.	Preset mode on/off *If Live and Preset are off, you hear your amp's sound.

Woodrow '55 Speakers

Each speaker, cabinet, and mic setting has a unique sound. Toggle up or down through the list with the Speaker switch. When you register your pedal with UAFX Control software, you get three free bonus cabs (green LEDs).

Note: The speaker cabinet labels on the pedal apply only when that speaker switch's LED is red. The labels when the LED is green are only visible in the UAFX Control mobile app.

Switch Label	LED Color	Active Speaker	Speaker/Cab/Mic	Notes
BLU15	Red	BLU15	15 watt AlNiCo speaker in a 1x12 tweed combo, mic'd with a 67 condenser mic.	Darker than the stock speaker.
JP12	Red	JP12	The original "J" stock speaker in the 1x12 tweed combo, mic'd with a 57 dynamic mic.	Stock speaker, on the thinner and less aggressive side.
GB25	Red	GB25	A classic 25 watt greenback speaker in the 1x12 tweed combo, mic'd with a 57 dynamic mic.	More modern and thick with a clear high end, fuller with distortion pedals or higher gain.
BLU15	Green	VEE30	A 4x12 British cabinet with 30 watt speakers, mic'd with a 421 dynamic mic.	More bottom end chunk and fullness. Great for a big lead sound or thick rhythm sounds.
JP12	Green	BMAN	A classic 4x10 tweed combo amp, mic'd with a 57 dynamic mic.	Great scooped, high fidelity sound when used clean. Use with the KP-3K boost and low gain for clean, somewhat pristine sounds.
GB25	Green	JP12	A "JB" speaker in a 1x12 brightly colored combo, mic'd with a 414 condenser mic.	Bright, hi-fi, midrangy.
None	Off	EXTERNAL	No emulated cabinet	Use with real guitar

				cabinet or external cabinet emulation.

Woodrow '55 Boosts

Each boost has a unique sound and effect. You increase the amount of gain and the effect of the boost by rotating the Boost knob clockwise. When the boost knob is turned all the way down to OFF, the boost is transparent and has no effect on amp color and gain. As the boost knob is turned up

Boost	Description	Notes
KP-3K	Renowned preamp boost from an 80's digital delay, made famous by an Irish guitarist.	Bright and detailed. When this boost channel is engaged, the low input is used, to provide a cleaner sound before the boost or pedals are engaged.
Stock	Clean "curve' boost.	Clean gain without added distortion. As you increase the boost level, midrange and treble increase slightly and bass decreases slightly, to prevent flubby or mushy distortion.
EP-III	Preamp section from an EP-III tape delay machine.	Thick and warm with plenty of additional gain. As soon as you turn the boost knob past zero it thickens the sound.

Woodrow '55 tone shortcuts

Try these boost and speaker settings for classic tone pairigs.

- **JP12 + CLEAN** - Stock factory pairing, start with the tone halfway up.
- **VEE30 + EP-III** - Fat lead setting, turn up the boost and gain for fuzz-like qualities.
- **BMAN + KP-3K** - Hi-fi clean sound with the gain set low.

Woodrow '55 Specifications

Power requirements (power supply sold separately)	Isolated 9VDC, center-negative, 400mA minimum
Inputs	2 x ¼” unbalanced TS (input 2 for stereo connections)
Outputs	2 x ¼” unbalanced TS (output 2 for stereo connections)
Input impedance	500 Kilohms (Mono In) 1 Megohms (Stereo In)
Output impedance	500 Ohms
Maximum input level	12.2 dBu
Maximum output level	12.1 dBu
Frequency response	20 Hz to 20 kHz, ±3 dB
USB Type-C	For registration and firmware updates via computer
Wireless technology	Bluetooth v5
Dimensions (with knobs and protrusions)	Height: 2.56 inches, 6.5 cm Width: 3.62 inches, 9.2 cm Depth: 5.55 inches, 14.1 cm
Weight (unboxed)	1.24 lbs 0.567 kg

Note: All specifications are subject to change without notice.

Woodrow '55 Safety

Caution: To help maintain the safety of your product, the chosen power supply must be a certified power supply complying with Limited Power Source (LPS) requirements with the following characteristics and electrical ratings: Isolated 9VDC, center-negative, 400 mA minimum, 2.1x5.5 mm barrel connector. Additional details at help.uaudio.com.

Before using this unit, be sure to carefully read the applicable items of these operating instructions and the safety suggestions. Afterwards, keep them handy for future reference. Take special care to follow the warnings indicated on the unit, as well as in the operating instructions.

• Read the instructions.

• Keep these instructions.

• Heed all warnings.

• Follow all instructions.

• Do not use this apparatus near water.

• Clean only with dry cloth.

• Do not block any ventilation openings. Install in accordance with the manufacturer’s instructions.

• Do not install near any heat source such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

• Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other.

• Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.

• Only use with attachments/accessories specified by the manufacturer.

• Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

• Woodrow '55 does not contain a fuse or any other user-replaceable parts.

• A compliance marking label is provided on bottom of the unit.

United States Class B Manual Statement

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try and correct the interference by one or more of the following measures:

• Reorient or relocate the receiving antenna.

• Increase the separation between the equipment and the receiver.

• Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

• Consult the dealer or an experienced radio/TV technician for help.

Japanese Class B Manual Statement

この装置は、クラスＢ機器です。この装置は、住宅環境で使用することを目的としています

が、この装置がラジオやテレビジョン受信機に近接して使用されると、受信障害を引き起こ

すことがあります。取扱説明書に従って正しい取り扱いをして下さい。VCCI-B

This is Class B equipment. Although this equipment is intended for use in residential environments, it could cause poor reception if used near a radio television receiver. Please follow instructions in the instruction manual.

Korea KCC: 해당 무선설비는 전파혼신 가능성이 있으므로 인명안전과 관련된 서비스는 할 수 없습니다.

License exempt. This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Used electrical and electronic equipment should not be mixed with general household waste. Please dispose in accordance with local regulations.

• IEC 62368-1

• FCC ID: 2AXKQ2029

• IC ID: 26610-2029