

## WELCOME TO IRIDIUM

Iridium gives you inspiring tube amp responsiveness, unprecedented impulse response speaker cabinet realism, and controllable natural sounding room ambience. There are three different amp types, each with three different speaker cabinet options that complement the tonality of the amp. Iridium is designed to be used with guitar and pedal input levels as well as line level inputs, and features stereo inputs and outputs.

### THREE ICONIC AMPLIFIERS

Our Matrix Modeling™ process captures all the subtleties and unique tonal qualities of each amplifier. We've taken three iconic tube amps with distinct characters and mathematically modeled every aspect of their circuitry with absolute precision to deliver the response, feel, and inspiring experience of playing through the original amps at their best. Taking the process a step further, we've hot-rodged each amp to provide an extended range of tonal options beyond what was available from the original designs.

### NINE STEREO IR CABINETS

Iridium's speaker cabinets offer a level of realism and ultra-lifelike responsiveness unprecedented in outboard effects. Iridium delivers full stereo 24bit 96kHz resolution for the entire 500 milliseconds of its speaker cabinet impulse responses, allowing you to use the very best impulse responses available.

### ADJUSTABLE ROOM AMBIENCE

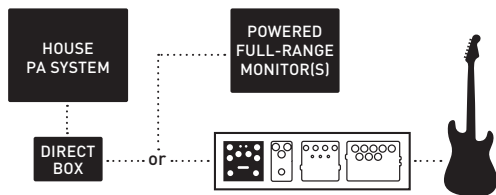
Iridium's hybrid room reverb combines a 256 millisecond stereo impulse response with Strymon's reverb tank algorithm for extended decay. This combination places your amp and cab in a natural sounding room (small, medium, or large), creating a space for your amp to open up and breathe.

## CONNECTING IRIDIUM

### ON STAGE

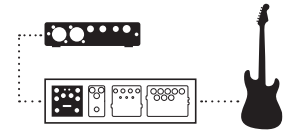
Connect a pedalboard containing Iridium to a house PA system for excellent repeatable tone, control, and flexibility in a live situation.

Monitor through the house monitoring system or in-ear monitors. For a dedicated personal on-stage monitor, connect your pedalboard to a powered full-range speaker.



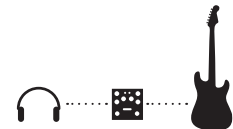
### IN THE STUDIO

Connect Iridium directly to a recording interface for great guitar tone instantly without the need to set up an amp or microphones.



### AT HOME

Connect headphones directly to Iridium to experience immersive classic amp tones in a natural sounding room without an amp.



Iridium can be used in several other configurations. See complete manual for details. Because the purpose of Iridium is to deliver amp and cab tones, it is not desirable to enable Iridium in front of a guitar amp. **Never connect the speaker output of a guitar amplifier to Iridium!**

## SWITCHES

### AMP

Selects one of three different amp types. Note that the amp selection will alter the response of the **DRIVE**, **BASS**, **MIDDLE**, and **TREBLE** knobs.

### FAV

Recalls a stored FAVORITE setting. Includes all knob and switch settings. Press and hold until the FAV LED blinks to save a new FAVORITE preset.

### AMP TYPES

**round:** Based on\* a Fender® Deluxe Reverb®, this amp is clean, bright, and mid-scooped with plenty of headroom. Set **MIDDLE** at noon for the original tonal characteristics of the Deluxe. Turn down **MIDDLE** for a more scooped sound, or turn it up for tweed-era tones.

**chime:** Based on\* the Brilliant channel of a Vox® AC30TB, this amp is jangly and bright. The **MIDDLE** control acts as a tone cut knob, providing high-end roll-off. Setting **DRIVE** beyond 3 o'clock activates a frequency-shaped front end boost.

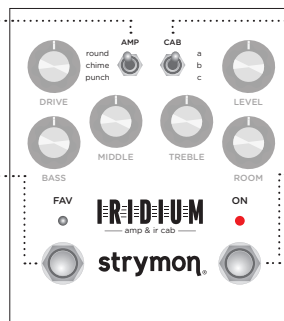
**punch:** Based on\* a Marshall® Plexi, this powerful amp is meatier, with higher gain than the other two, and has a powerful midrange response plus a buttery smooth overdrive. Set the **DRIVE** control above 2 o'clock to access custom hot-rodged Plexi high gain tones.

### CAB

Selects one of three complimentary cabs for each amp type. Each cab contains two IRs (left and right). **Note:** IRs can be replaced using Strymon Impulse Manager software.

### ON

Activates amp, cab, and room processing. **RED LED** indicates that the pedal is engaged.



\*All product names are trademarks of their respective owners, which are in no way associated or affiliated with Strymon. These product names, descriptions and images are provided for the sole purpose of identifying the specific products that were studied during Strymon's sound design process. Fender and Deluxe Reverb are registered trademarks of Fender Musical Instruments Corporation. Vox is a registered trademark of Vox R&D Limited. Marshall is a registered trademark of Marshall Amplification Plc.

## KNOBS

### DRIVE

Adjusts the amount of gain applied to the incoming signal. The character and response of the **DRIVE** setting is different for each amp type.

### BASS

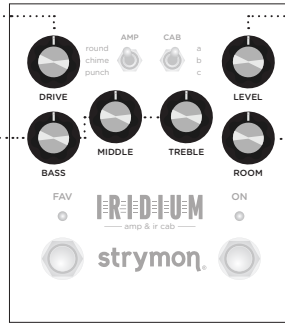
Adjusts the tone stack of the selected amp type to highlight the low frequencies.

### MIDDLE

Adjusts the tone stack of the **round** and **punch** amp types to highlight the middle frequencies. Rolls off high frequencies as the knob is turned up for the **chime** amp type.

### TREBLE

Adjusts the tone stack of the selected amp type to highlight the high frequencies.



### LEVEL

Controls the output volume when the pedal is ON. Applies to left and right outputs as well as the headphone output.

**LEVEL TRIM:** Press and hold **ON** footswitch for a few seconds to enter Secondary Function mode. Release footswitch and then turn **LEVEL** to temporarily scale the output level. **LEVEL TRIM** is not saved as part of the **FAVORITE** setting and will reset on pedal restart. This is a useful way to adjust the level when using headphones.

### ROOM

Controls the level of natural room ambience.

**ROOM SIZE:** Press and hold **ON** footswitch for a few seconds to enter Secondary Function mode. Release footswitch and then turn **ROOM** to select between three room sizes. **ON** LED will change color indicating room size selection: Small (**GREEN**), Medium (**AMBER**), Large (**RED**).

## REAR CONTROLS AND CONNECTIONS

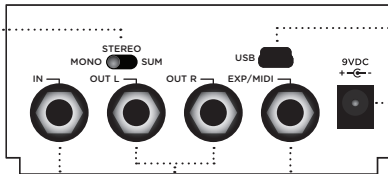
### AUDIO INPUT SELECTOR

Selects input/output configuration modes.

**MONO:** Use with a mono input signal such as a guitar. Output is stereo.

**STEREO:** Use with a stereo input signal. Output is stereo.

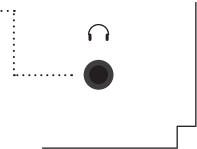
**SUM:** For a stereo input that is summed to **MONO** and sent out the **OUT L** jack.



### HEADPHONE OUTPUT

Stereo 1/8 inch headphone output. Designed to be used with relatively high impedance headphones (between 25 to 70 ohms). **LEVEL** knob adjusts volume.

**Note:** The higher the impedance of your headphones, the lower the output volume of Iridium's headphone output will be.



### USB

Can be used to load IR files via computer.

### 9VDC

Use the included power supply or an adapter with the following rating: 9VDC center negative. 500mA minimum.

### IN

Instrument (default) or Line level input. See complete manual for configuration details. TRS adapter cable required for stereo use.

### OUTPUTS

Audio signal outputs. Use **OUT L** for mono output.

### EXP / MIDI

Multifunction communication jack for external control of Iridium's features and functions. Use a standard TRS expression pedal to act as a volume pedal before the amp (default configuration). **EXP / MIDI** input can also be used to connect a Strymon MiniSwitch, MultiSwitch Plus, or MIDI EXP cable for remote preset selection and MIDI automation. See complete manual for details.

## FACTORY RESET & IMPULSE MANAGER

### FACTORY RESET

Press and Hold **ON** while connecting power. Hold until the LEDs stop blinking.

Release the footswitch and turn the **MIDDLE** knob from 0-100% and back two (2) times.

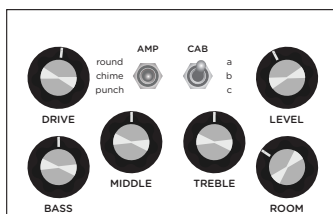
**Note:** This will erase all custom IRs and presets and restore the factory default settings.

### STRYMON IMPULSE MANAGER SOFTWARE

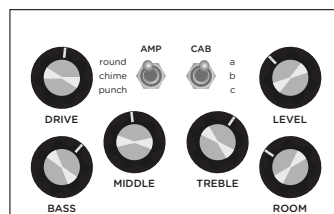
It's easy to replace the pre-installed IRs with custom IRs from your own collection by using **Strymon Impulse Manager** software.

Visit [strymon.net/support/iridium](http://strymon.net/support/iridium) to learn more and download the software.

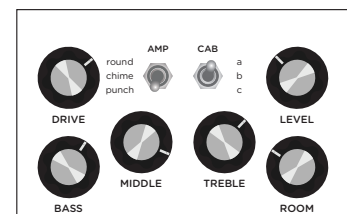
## SAMPLE SETTINGS



**CLEAN JANGLE**  
Room Size: Small



**CLASSIC CLEAN**  
Room Size: Medium



**PUNCHED UP**  
Room Size: Large