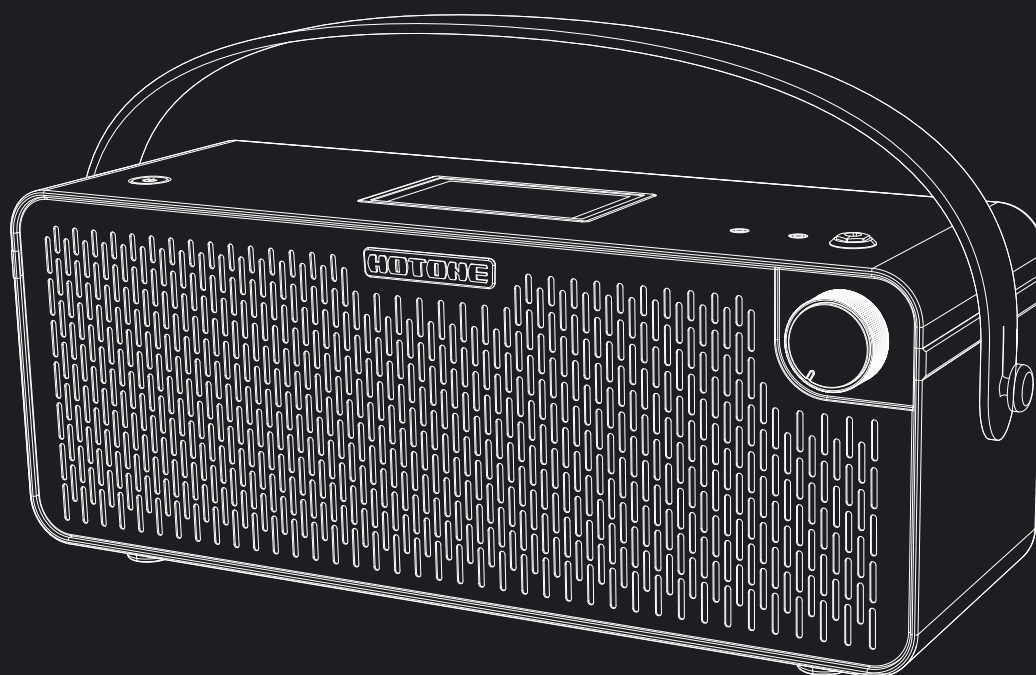


PULSE

Bluetooth Modeling Amplifier

Effect List



HOTONE
DESIGN INSPIRATION

※ In the interest of product improvement, the specifications and/or the content of products (including but not limited to appearances, packaging design, manual content, accessories, size, parameters and display screen), are subject to change without prior notice. Please check with local supplier for exact offers. Specifications and features (including but not limited to appearances, colors and size) may vary by model owing to environmental factors, and all images are illustrative.

DYN

FX Title	Description	Parameters & Ranges
DYN		
Gate		
Gate 1	This one-knob, extremely easy-to-use noise gate gets you smooth, ripple-free noise tracking and keeps your signal pristine.	Threshold: Controls the gate trigger level
Gate 2	This is a fully-functional noise gate with detailed control. The individual Attack and Release controls play nice with amps and other pedals.	Threshold: Controls the gate trigger level Attack: Controls how soon the gate starts to process the signal Release: Controls the noise fade-out duration time after the level drops below the threshold
Dynamic		
Comp 1	The Holy Grail of compressor pedals is here. Comproso is based on the legendary Ross™ Compressor* pedal, which is unarguably the compressor of compressors. We carefully recreated the sonic character to get the same colorful, bouncy, natural compression as the original pedal.	Sustain: Controls the compression amount Output: Controls the effect output
Comp 2	This is a fully-functional compressor with lots of tonal flexibility. A Tone knob is specially designed for further tone shaping.	Threshold: Controls the compression trigger level Ratio: Controls the amount of compression when the compressor is triggered Output: Controls the output volume/makeup amount Attack: Controls how soon the compressor starts to process the signal Release: Controls how soon the compressor starts to release the signal level back to normal after the level drops below the threshold Tone: Controls the effect tone Blend: Controls the wet/dry signal ratio
Boost 1	This effect is based on the legendary MXR® M133 Micro Amp* pedal. Providing up to 20dB of gain, the Micro Boost elevates your amp sound without changing its tonal character.	Gain: Controls the gain amount
Boost 2	This boost is designed for modern Dentlemen and metalheads who need huge gain buy not noisy artifacts. A built-in noise gate reduces hum and keeps your palm muting tight. Use the Low Cut knob to get your tone where you want it.	Boost: Controls the boost amount Gate: Controls the noise gate threshold Low Cut: Cuts the low frequency signal
Boost 3	Based on the legendary FET-based belt clip preamp, this boost is a clean volume machine. Use this pedal to get a huge amount of gain without any distortion, tone sculpt with the flexible 2-band EQ. Onboard you'll also find a handy low cut filter for tone shaping and eliminating low frequency feedback.	Volume: Controls the effect output Bass/Treble: 2-band EQ that controls the effect tone Low Cut: Switches the low cut filter (-6dB/oct @200Hz) on/off

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Comp 2	This is a fully-functional compressor with lots of tonal flexibility. A Tone knob is specially designed for further tone shaping.	Threshold: Controls the compression trigger level Ratio: Controls the amount of compression when the compressor is triggered Output: Controls the output volume/makeup amount Attack: Controls how soon the compressor starts to process the signal Release: Controls how soon the compressor starts to release the signal level back to normal after the level drops below the threshold Tone: Controls the effect tone Blend: Controls the wet/dry signal ratio
Boost 1	This effect is based on the legendary MXR® M133 Micro Amp* pedal. Providing up to 20dB of gain, the Micro Boost elevates your amp sound without changing its tonal character.	Gain: Controls the gain amount
Boost 2	This boost is designed for modern Dentlemen and metalheads who need huge gain buy not noisy artifacts. A built-in noise gate reduces hum and keeps your palm muting tight. Use the Low Cut knob to get your tone where you want it.	Boost: Controls the boost amount Gate: Controls the noise gate threshold Low Cut: Cuts the low frequency signal
Boost 3	Based on the legendary FET-based belt clip preamp, this boost is a clean volume machine. Use this pedal to get a huge amount of gain without any distortion, tone sculpt with the flexible 2-band EQ. Onboard you'll also find a handy low cut filter for tone shaping and eliminating low frequency feedback.	Volume: Controls the effect output Bass/Treble: 2-band EQ that controls the effect tone Low Cut: Switches the low cut filter (-6dB/oct @200Hz) on/off
Filter		
T-Wah G	This is an envelope filter designed for guitars, offering you a wide range of tonal variety. Set the Sense, Range, and Q parameters to fit your instrument and playing style.	Sense: Controls the effect sensitivity Range: Controls the filter frequency range Q: Controls the filter sharpness Level: Controls the output level
T-Wah B		

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PRE

FX Title	Description	Parameters & Ranges
PRE		
Filter		
A-Wah	Designed for for both guitars and basses, this auto wah has many parameters for shaping the tone of your wah sound. Start with the frequency range adjustment to decide the basic flavor of your wah-wah. You can use Tap Tempo function to control the effect speed by turning on the Sync switch. When the Sync switch is on, turn the Rate/Div knob to set a proper tap divide value. The default value is 1/4 (no division).	Depth: Controls the effect depth Rate/Div: Controls the effect speed/tap division value Low/High: Controls the filter frequency range Volume: Controls the effect output Q: Controls the filter sharpness Sync: Switches Tap Tempo sync on/off
Drive		
TS Drv	This model is based on the legendary Ibanez® TS-808 Tube Screamer®*. Featuring a warm, juicy overdriven sound, this is the incomparable vintage overdrive model you've always been hoping to find.	Gain: Controls the overdrive amount Tone: Controls the effect tone Volume: Controls the effect output
SD Drv	This model is based on a classic, widely used overdrive which features a unique asymmetric overdrive circuitry. Delivering a rich, authentic-sounding tube-driven overdrive effect with wide tonal range, it's one of a must-have overdrive model in your effect chain.	Gain: Controls the overdrive amount Tone: Controls the effect tone Volume: Controls the effect output
TS Drv+	This model is a classic overdrive inspired by the evergreen TS-style overdrive served with its most enduring modification. Use the two onboard switches to find your favorite screaming mood.	Gain: Controls the overdrive amount Volume: Controls the effect output Tone: Controls the effect tone Fat: Switches extra resonance on/off Air: Switches extra presence on/off
T-Mee	This is an overdrive model based on the legendary Paul Cochrane Timmy®* overdrive (V2) pedal – one of the first transparent overdrive pedals. Like the original, it will push your amp/guitar to the limit while maintaining the original flavor and dynamics.	Gain: Controls the overdrive amount Volume: Controls the effect output Bass/Treble: 2-band EQ that controls the effect tone (counterclockwise, same as original) Mode: Selects from three clipping modes: -I: asymmetrical clipping -II: symmetrical clipping -III: symmetrical clipping with more compression feel
Klone	Based on the legendary Klon® Centaur*, this overdrive model gives you an authentic amp-in-a-box feel with full, rich sound character that is not harsh or boomy at all. Turn Gain knob to minimum you get a superb clean boost.	Gain: Controls the gain amount Tone: Controls the effect tone Volume: Controls the effect output
Mouse	Based on the ProCo™ RAT2* distortion pedal (early LM308 op-amp version), this model brings you the real underground rock scene. Sweet overdrives, grinding rhythms, roaring solos – it cashes in with authority and power. Same as the original, this model features the legendary FILTER control: Turn it clockwise to cut off the high end, turn it counterclockwise to allow the natural brightness of your instrument through.	Gain: Controls the distortion amount Filter: Counterclockwise controls the effect tone Volume: Controls the effect output

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PRE		
Drive		
Smooth	Based on the famous late-70's distortion pedal that is a favorite among pro guitarists and pedal modifiers, this is truly a classic distortion model. It produces a distortion sound ranging from screaming loud to whisper soft. Of course, it faithfully reproduces the dynamics of your playing style.	Gain: Controls the distortion amount Tone: Controls the effect tone Volume: Controls the effect output
Shred	This model is based on the legendary Marshall® Shred Master* distortion pedal, the one well known for used by Radiohead's Jonny Greenwood to create his twisted distortion walls.	Gain: Controls the distortion amount Volume: Controls the effect output Bass/Contour/Treble: 3-band EQ that controls the effect tone
Big Pie	Many dirt pedals released throughout the 1970s began to blur the lines between fuzz and distortion. The Big Muff Pi®* is one of them. Based on the legendary Big Muff Pi®*, this model is a fresh take on the fuzz tone territory. You get a wide-ranged sound character using the TONE knob – from creamy overdrive-like sound to really aggressive fuzzy tone.	Sustain: Controls the gain amount Tone: Controls the effect tone Volume: Controls the effect output
F-Fuzz	This model is based on the legendary Dallas-Arbitrer® Fuzz Face®*. Featuring a unique, unmistakable creamy sound with incredible dynamics, the pedal remains a favorite among many rock stars – Hendrix, Gilmour, Townshend and more! to find your favorite screaming mood.	Fuzz: Controls the gain amount Volume: Controls the effect output Fat: Switches extra resonance on/off Air: Switches extra presence on/off
B-Fuzz	This model is based on the legendary Sola Sound® Tone Bender Mk II®* fuzz pedal – the legend of the legends. We reproduced the smooth, honey-like tone that was beloved by Page and many more professional musicians.	Fuzz: Controls the gain amount Volume: Controls the effect output
Acoustic		
AC Refiner	Enjoy acoustic refinement: This one-knob tool enhances all that is good in acoustic guitars. It gives a more natural, "woody" tone to your plugged-in acoustic sound, doing wonders for piezo pickups! One knob makes it simple.	Shape: Controls the detailed effect character
AC Sim	This is an acoustic simulator designed for electric guitars that provides an adjustable range wide enough to give an ordinary electric guitar a variety of natural and realistic acoustic tones.	Body: Controls the "body resonance" (low frequency response) Top: Controls the upper harmonics (high frequency response) Volume: Controls the effect output level Mode: Selects from 4 different sound characters: -Standard: Simulates the tonal characteristics of a standard acoustic guitar -Jumbo: Simulates the tonal characteristics of a jumbo acoustic guitar -Enhanced: Simulates the tonal characteristics of an acoustic guitar with enhanced attack -Piezo: Simulates the sound of a piezo pickup

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PRE		
Bass		
Bass OD1	This model is a flexible drive pedal designed for bass. We voiced this one to deliver a rich driven bass sound. Use the Mode knob to select from 3 unique sound characters.	Gain: Controls the overdrive amount Tone: Controls the effect tone Volume: Controls the effect output Mode: Selects from 3 different sound characters: Normal (neutral sound), Scoop (mid-scooped sound), Edge (edgy sound) Blend: Controls the wet/dry signal ratio
Bass OD2	If you're looking for an all-around bass driver, this is the one. Based on the widely used yellow bass driver, this model gives you a wide tonal flexibility.	Gain: Controls the distortion amount Blend: Controls the wet/dry signal ratio Volume: Controls the effect output Bass/Treble: 2-band EQ that controls the effect tone
Bass OD3	This model is based on the famous Darkglass® Microtubes B7K Analog Bass Preamp* pedal. This pedal can turn your whispering bass into a growling monster, all while preserving the clarity. Onboard EQ gives you wide tonal flexibility.	Gain: Controls the overdrive amount Blend: Controls the wet/dry signal ratio Volume: Controls the effect output Low/Low Mid/High Mid/Treble: 4-band EQ that controls the effect tone Attack: Boosts/cuts high frequency amount
Pitch		
Octa 1	This model is a monophonic octaver that creates notes one octave lower and two octaves lower. Single note processing and individual wet/dry signal control recreate the vintage "dirty" analog octave pedal sounds.	Oct 1: Controls the volume of lower octave (1 oct down) Oct 2: Controls the volume of higher octave (1 oct up) Dry: Controls the dry signal level
Octa 2	This model is a polyphonic octaver that creates notes one octave higher and one octave lower. Individual octave voice control and dry signal control can bring you lots of fun, and polyphonic processing support means playing chords is absolutely no problem.	Hi Level: Controls the volume of higher octave (1 oct up) Low Level: Controls the volume of lower octave (1 oct down) Tone: Controls the effect tone Mix: Controls the wet/dry signal ratio Output: Controls the overall output
Pitch	This model is a polyphonic 2-voice pitch shifter with max. 2 octaves pitch shifting range. Detailed pitch shifting settings can bring you lots of fun.	Pitch 1/2: Controls the voice 1/2 pitch shifting range by ± 24 semitones Level 1/2: Controls the voice 1/2 output Tone: Controls the effect tone Mix: Controls the overall dry/wet signal ratio Output: Controls the overall output
A-Harm	This model is a monophonic single voice automatic harmonizer with max. one octave pitch shifting range. Detailed Key, Scale and Interval settings can bring you lots of fun.	Mix: Controls the wet/dry signal ratio of the effect Key: Selects the chord key according to your music Mode: Selects the scale mode according to your music Interval: Selects the interval between wet and dry signal Smooth Mode: Switch on to get a smooth note transition

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PRE		
Pitch		
Detune	This is a detune model which combines a slightly pitch shifted signal with the original signal, producing a lush, chorus-like sound. Use the Dry, Wet and Detune knobs to expand your sonic dimensions.	Dry/Wet: Controls the dry/wet signal level Detune: Controls the detune amount by ± 50 cents
Chorus		
Chorus	This model is based on the legendary Voodoo Lab® Analog Chorus* pedal. Offering you warm, organic sound and lush harmonics, it has become the standard by which all chorus pedals are measured. Fine tune the two parameters to get your own sound, from subtle doubling to sweet rotation! You can use Tap Tempo function to control the effect speed by turning on the Sync switch. When the Sync switch is on, turn the Rate/Div knob to set a proper tap divide value. The default value is 1/4 (no division).	Depth: Selects the chorus depth from deep to shallow Rate: Controls the chorus speed/tap division value Sync: Switches Tap Tempo sync on/off
Dimension	Based on the legendary 4-button stereo chorus pedal, this Liquid C is more of a "dimension expander" than a chorus effect. Offering 4 finely tuned modes, this model adds unique spatial elements and subtle modulations to which nothing can compare.	Mode: Select from 4 different chorus modes
Bass Cho	This vintage-voiced chorus model is based on the famous ensemble chorus unit that tuned for bass players. Individual effect level control offers more flexibility for bass. You can use Tap Tempo function to control the effect speed by turning on the Sync switch. When the Sync switch is on, turn the Rate/Div knob to set a proper tap divide value. The default value is 1/4 (no division).	Depth: Controls the effect depth Rate/Div: Controls the effect speed/tap division value Output: Controls the effect output Sync: Switches Tap Tempo sync on/off
Flanger		
Flanger	This model produces the classic flanging effect originally achieved by manually, independently varying the speed of two tape recorders with the same program material. It produces a rich, natural flanging tone. You can use Tap Tempo function to control the effect speed by turning on the Sync switch. When the Sync switch is on, turn the Rate/Div knob to set a proper tap divide value. The default value is 1/4 (no division).	Depth: Controls the effect depth Rate/Div: Controls the effect speed/tap division value Pre Dly: Controls the pre delay time FB: Controls the amount of feedback Sync: Switches Tap Tempo sync on/off Output: Controls the overall output
Bass Flg	This model achieves the classic flanging effect for bass players. It produces a rich, natural flanging tone. You can use Tap Tempo function to control the effect speed by turning on the Sync switch. When the Sync switch is on, turn the Rate/Div knob to set a proper tap divide value. The default value is 1/4 (no division).	Depth: Controls the effect depth Rate/Div: Controls the effect speed/tap division value Pre Dly: Controls the pre delay time FB: Controls the amount of feedback Sync: Switches Tap Tempo sync on/off Tone: Controls the effect tone Mix: Controls the overall dry/wet signal ratio Output: Controls the overall output

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PRE		
Flanger		
Neg Flg	<p>This model produces a flanger effect with negative feedback, sounds like deep in the water, very unique flanging tone.</p> <p>You can use Tap Tempo function to control the effect speed by turning on the Sync switch. When the Sync switch is on, turn the Rate/Div knob to set a proper tap divide value. The default value is 1/4 (no division).</p>	<p>Depth: Controls the effect depth</p> <p>Rate/Div: Controls the effect speed/tap division value</p> <p>Pre Dly: Controls the pre delay time</p> <p>FB: Controls the amount of feedback</p> <p>Sync: Switches Tap Tempo sync on/off</p>
Vibrato		
Vibrato	<p>This model is a rebirth of the super rare all-analog vintage vibrato pedal, which gives you a classic vibrato sound with true analog warmth. With simple DEPTH and RATE controls, it's easy to tweak your own unique texture, from slight vibes to a full-on wobble.</p> <p>You can use Tap Tempo function to control the effect speed by turning on the Sync switch. When the Sync switch is on, turn the Rate/Div knob to set a proper tap divide value. The default value is 1/4 (no division). by turning on the Sync switch. When the Sync switch is on, turn the Rate/Div knob to set a proper tap divide value. The default value is 1/4 (no division).</p>	<p>Depth: Controls the effect depth</p> <p>Rate/Div: Controls the effect speed/tap division value</p> <p>Sync: Switches Tap Tempo sync on/off</p>
Phaser		
O-Phase	<p>This model recreates the warm, rich analog phase sound of the legendary MXR® M101 Phase 90* pedal. Born in 1974, the one-knob orange phaser is an icon that has found a place on millions of pedal boards for over four decades.</p> <p>You can use Tap Tempo function to control the effect speed by turning on the Sync switch. When the Sync switch is on, turn the Rate/Div knob to set a proper tap divide value. The default value is 1/4 (no division).</p>	<p>Rate/Div: Controls the effect speed/tap division value</p> <p>Sync: Switches Tap Tempo sync on/off</p>
G-Phase	<p>This model produces a sharp phase effect with a wide range from very slow to fast speed. This unique phasing sound has become popular among lots of musicians since 1977.</p> <p>You can use Tap Tempo function to control the effect speed by turning on the Sync switch. When the Sync switch is on, turn the Rate/Div knob to set a proper tap divide value. The default value is 1/4 (no division).</p>	<p>Depth: Controls the effect depth</p> <p>Rate/Div: Controls the effect speed/tap division value</p> <p>Sync: Switches Tap Tempo sync on/off</p>

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PRE		
Phaser		
S-Phase	<p>This model is based on the legendary and extremely rare 1970s Electro-Harmonix® Small Stone phase shifter* pedal. This original is one of the best analog phaser sounds in the history of music and can be heard on countless rock recordings.</p> <p>You can use Tap Tempo function to control the effect speed by turning on the Sync switch. When the Sync switch is on, turn the Rate/Div knob to set a proper tap divide value. The default value is 1/4 (no division).</p>	<p>Color: Selects the phaser sound character from warm to sharp</p> <p>Rate/Div: Controls the effect speed/tap division value</p> <p>Sync: Switches Tap Tempo sync on/off</p>
Rotary		
Minivibe	<p>This model delivers a lush rotating effect that simulates 1960s rotary speakers. Based on the Voodoo Lab® Micro Vibe*, it gives you the pure, "psychedelic" vibe-y taste that guitar heroes like Hendrix and Gilmour loved.</p> <p>You can use Tap Tempo function to control the effect speed by turning on the Sync switch. When the Sync switch is on, turn the Rate/Div knob to set a proper tap divide value. The default value is 1/4 (no division).</p>	<p>Depth: Controls the effect depth</p> <p>Rate/Div: Controls the effect speed/tap division value</p> <p>Sync: Switches Tap Tempo sync on/off</p>
U-Vibe	<p>This model is based on the legendary vintage Shin-ei® Uni-Vibe®* pedal. The Uni-Vibe®* was designed to simulate the sound of a rotary speaker, but the "failed" attempt has been embraced as one of the most iconic effects in rock 'n' roll history. Kick it on and feel the legendary psycho sound of the Revolver!</p> <p>You can use Tap Tempo function to control the effect speed by turning on the Sync switch. When the Sync switch is on, turn the Rate/Div knob to set a proper tap divide value. The default value is 1/4 (no division).</p>	<p>Depth: Controls the effect depth</p> <p>Rate/Div: Controls the effect speed/tap division value</p> <p>Volume: Controls the effect output</p> <p>Mode: Select from 2 different vibe modes: Chorus and Vibrato</p> <p>Sync: Switches Tap Tempo sync on/off</p>
Rotary	<p>This model is a rotary speaker simulator with detailed control, bringing you the legendary tone adapted by lots of rock legends.</p> <p>You can use Tap Tempo function to control the effect speed by turning on the Sync switch. When the Sync switch is on, turn the B. /H. Rate/Div knobs to set a proper tap divide value. The default value is 1/4 (no division).</p>	<p>Mix: Controls the wet/dry signal ratio</p> <p>B. Rate/Div: Controls the bass rotating speed/tap division value</p> <p>H. Rate/Div: Controls the horn rotating speed/tap division value</p> <p>Balance: Controls the bass/horn sound balance</p> <p>Tone: Controls the effect tone</p> <p>Bass/Horn Sync: Switches Tap Tempo sync on/off</p>

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PRE		
Tremolo		
Tremolo	<p>This model is based on the legendary Demeter® TRM-1 Tremulator®* tremolo pedal. Featuring deep, pulsing optical tremolo sound, it recreates the classic tremolo effect found on many vintage amps but with a greater range of speed and depth.</p> <p>You can use Tap Tempo function to control the effect speed by turning on the Sync switch. When the Sync switch is on, turn the Rate/Div knob to set a proper tap divide value. The default value is 1/4 (no division).</p>	<p>Depth: Controls the effect depth</p> <p>Rate/Div: Controls the effect speed/tap division value</p> <p>Sync: Switches Tap Tempo sync on/off</p>
Special		
Bit Crush	<p>This model is a sweet-sounding bitcrusher/sample rate reducer with full control over the bit resolution and sample rate. Use the low pass filter and high pass filter onboard to get your own sound variations.</p>	<p>Mix: Controls the wet/dry signal ratio of the effect</p> <p>Krush: Controls the sample rate of the effect</p> <p>Bit: Controls the bit resolution of the effect</p> <p>Hi Cut/Lo Cut: Controls the high/low cut filter cutoff frequency</p>
Sweller	<p>This model is an auto swell effect that creating a violin-like tone. Two parameters make it simple.</p>	<p>Attack: Controls how fast the effect swells the input signal</p> <p>Curve: Selects the volume swell curve</p>

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AMP

FX Title	Description	Parameters & Ranges
AMP		
Clean		
Tweed Lux	This model is based on the sound characteristics of the legendary Fender® Tweed Deluxe* amp (5E3 version, BRIGHT channel). Featuring rich, singing clean and juicy, luscious overdrive, the mysterious DELUXE amp with the TWEED cover can be found everywhere from studios to bedrooms.	Volume: Controls the effect output and gain amount Tone: Controls the effect tone Output: Controls the effect output
Baseman Norm	This model is based on the sound characteristics of the legendary Fender® Bassman®* amp (5F6-A version, Normal channel), the American legend with a twangy top and fat bottom end. Originally designed for bass, it soon became popular among guitar players.	Volume: Controls the effect output and gain amount Presence: Controls the effect headroom Output: Controls the effect output Bass/Middle/Treble: 3-band EQ that controls the effect tone
Black Twin	This model is based on the legendary Fender® '65 Twin Reverb®* amp. It provides a super clean, crystal-like sound with scooped mids, popularly known as the "Blackface Sound".	Volume: Controls the effect output and gain amount Output: Controls the effect output Bass/Middle/Treble: 3-band EQ that controls the effect tone Bright: Switches extra brightness on/off
Black Deluxe	This model is based on the legendary Fender® Blackface Deluxe Reverb®* amp (Normal CH), providing you a more scooped "blackface" sound with chime-y highs. Plus, it's easier to crank up too!	Volume: Controls the effect output and gain amount Output: Controls the effect output Bass/Treble: 2-band EQ that controls the effect tone
Jazz Clean	This model is based on the immaculate "JC clean" 2x12 solid-state jazz-amp combo. The pure transparent clean sound has ruled for more than four decades and remains incontestably reliable among pro musicians.	Volume: Controls the effect output Bright: Switches extra presence on/off Bass/Middle/Treble: 3-band EQ that controls the effect tone
Emperor Clean	This model is based on the Matchless™ Chieftain 212 combo* (clean sound), featuring the rich harmonics and matchless sensitivity that made this amp a Class A legend.	Gain: Controls the gain amount (pre gain) Presence: Controls the effect headroom Master: Controls the effect output (post gain) Bass/Middle/Treble: 3-band EQ that controls the effect tone
Voxy 15 TB	This model is based on the sound characteristics of a vintage VOX®* AC15* combo (with Top Boost), the little brother of the legendary VOX® AC30*, giving you the same British Invasion sound.	Volume: Controls the effect output and gain amount Tone cut: Counterclockwise controls the effect tone Master: Controls the effect output Bass/Treble: 2-band EQ that controls the effect tone
Voxy 30HW Norm	This model is based on the sound characteristics of the VOX®* AC30HW* combo (Normal channel). As the UK music scene grew out of small pubs to later cross the Pond, almost everyone was using the combo amp covered with a diamond grill cloth, the legendary VOX® AC30*. This became the British Invasion sound.	Volume: Controls the output volume (post gain) Tone cut: Counterclockwise controls the effect tone Master: Controls the effect output Bright: Switches extra brightness on/off

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AMP

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AMP		
Clean		
Superstar Clean	This model is based on the clean channel of the famous Mesa/Boogie® Lone Star®* combo, bringing you a punchy, shimmering twang with love and joy.	Gain: Controls the gain amount (pre gain) Presence: Controls the effect headroom Master: Controls the effect output (post gain) Bass/Middle/Treble: 3-band EQ that controls the effect tone
Glacian Clean	This model is based on the clean channel of the famous Bogner® Shiva®* combo (20th anniversary version). Our replica reproduces the glassy hi-fi clean sound powered by a pair of KT88 power tubes. This is a super wide-open sound with immerse headroom, sensitive moods, and great low end response.	Gain: Controls the gain amount (pre gain) Presence: Controls the effect headroom Master: Controls the effect output (post gain) Bass/Treble: 2-band EQ that controls the effect tone Bright: Switches extra brightness on/off
Brown King Clean	This model is based on the Fender® Brownface Vibro-King®* amp (FAT switch off), one of Gary Clark Jr.'s favorite. It gives you a beautiful shimmering clean when turned down, and a serious touch-sensitive dirt when cranked up.	Volume: Controls the effect output and gain amount Output: Controls the effect output Bass/Middle/Treble: 3-band EQ that controls the effect tone
Silver Master	This model is based on the legendary Fender® Silverface Bandmaster®* amp (early AB763 version), which was treated as the "holy grail of Fender®* tone". Not much tweaking is needed - Just plug in, turn up the volume and feel the magic.	Volume: Controls the effect output and gain amount Output: Controls the effect output Bass/Treble: 2-band EQ that controls the effect tone Bright: Switches extra brightness on/off
Soloist 100 Clean	This model is based on the sound characteristics of the legendary Soldano® SLO100®* amp head (NORMAL channel, clean sound), which set a benchmark for modern amps. The reason you find the sound so familiar is because you've been hearing it on gold records since 1987.	Gain: Controls the gain amount (pre gain) Presence: Controls the effect headroom Master: Controls the effect output (post gain) Bass/Middle/Treble: 3-band EQ that controls the effect tone
Press Wrecker	This model is based on the legendary Trainwreck® Express®* amp, a super-rare boutique amp created by Ken Fischer, brings you a high end Plexi-style sound that reacts extremely faithful to your fingers.	Volume: Controls the effect output and gain amount Presence: Controls the effect headroom Output: Controls the effect output Bass/Middle/Treble: 3-band EQ that controls the effect tone Bright: Switches extra brightness on/off
Drive		
Baseman Bright	This model is based on the sound characteristics of the legendary Fender® Bassman®* amp (5F6-A version, Bright channel), the American legend with a twangy top and fat bottom end. Originally designed for bass, it soon became popular among guitar players.	Volume: Controls the effect output and gain amount Presence: Controls the effect headroom Output: Controls the effect output Bass/Middle/Treble: 3-band EQ that controls the effect tone
Voxy 30HW TB	This model is based on the sound characteristics of the VOX®* AC30HW®* combo (Top Boost channel). As the UK music scene grew out of small pubs to later cross the Pond, almost everyone was using the combo amp covered with a diamond grill cloth, the legendary VOX®* AC-30®*. This became the British Invasion sound.	Volume: Controls the effect output and gain amount Tone cut: Counterclockwise controls the effect tone Master: Controls the effect output (post gain) Bass/Treble: 2-band EQ that controls the effect tone Char: Selects from two sound characters: Cool (lower gain)/Hot (higher gain)

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AMP

FX Title	Description	Parameters & Ranges
AMP		
Drive		
Emperor Drive	This model is based on the Matchless™ Chieftain 212 combo* (driven sound), featuring the rich harmonics and matchless sensitivity that made this amp a Class A legend. sensitive moods, and great low end response.	Gain: Controls the gain amount (pre gain) Presence: Controls the effect headroom Master: Controls the effect output (post gain) Bass/Middle/Treble: 3-band EQ that controls the effect tone
Superstar Drive	The model is based on the drive channel of the famous Mesa/Boogie® Lone Star®* combo, bringing you that well-balanced, smooth American-style drive with a rich combination of both vintage and modern tones.	Input: Controls the input sensitivity Gain: Controls the gain amount Presence: Controls the effect headroom Master: Controls the effect output (post gain) Bass/Middle/Treble: 3-band EQ that controls the effect tone
Glacian Drive	This model is based on the clean channel of the famous Bogner® Shiva* combo (20th anniversary version). Our replica reproduces the glassy hi-fi clean sound powered by a pair of KT88 power tubes. This is a super wide-open sound with immerse headroom, sensitive moods, and great low end response. turn up the volume and feel the magic.	Gain: Controls the gain amount (pre gain) Presence: Controls the effect headroom Master: Controls the effect output (post gain) Bass/Treble: 2-band EQ that controls the effect tone Bright: Switches extra brightness on/off
Brown King Drive	This model is based on the Fender® Brownface Vibro-King®* amp (FAT switch on), one of Gary Clark Jr.'s favorite. It gives you a beautiful shimmering clean when turned down, and a serious touch-sensitive dirt when cranked up.	Volume: Controls the effect output and gain amount Output: Controls the effect output Bass/Middle/Treble: 3-band EQ that controls the effect tone
Dumbell ODS	This model is based on the legendary Dumble® Overdrive Special* amp head (Overdrive section on), providing THAT tone created by lots of legendary jazz/blues/fusion musicians.	Gain: Controls the gain amount Presence: Controls the effect headroom Master: Controls the effect output (post gain) Bass/Middle/Treble: 3-band EQ that controls the effect tone Fat: Switches extra mids/gain on/off Voice: Selects from 2 voicings: Rock/Jazz (cuts some high frequency comparing to Rock)tone Bright: Switches extra brightness on/off
Marshall 45	This model is based on the sound characteristics of the legendary Marshall® JTM 45* amp head (HIGH TREBLE channel). Born in 1962, it soon became popular among countless stars and quickly defined the '60s rock & blues sound.	Volume: Controls the effect output and gain amount Presence: Controls the effect headroom Output: Controls the effect output Bass/Middle/Treble: 3-band EQ that controls the effect tone
Marshall 50	This model is based on the sound characteristics of the legendary Marshall® JMP 50* amp head (HIGH TREBLE channel). No explanation necessary — The tone is as legendary as the music it helped to create.	Volume: Controls the effect output and gain amount Presence: Controls the effect headroom Output: Controls the effect output Bass/Middle/Treble: 3-band EQ that controls the effect tone

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AMP

FX Title	Description	Parameters & Ranges
AMP		
Drive		
Marshall SLP	This model is based on the sound characteristics of the legendary Marshall® Super Lead 1959* amp head (Bright channel). No explanation necessary — The tone is as legendary as the music it helped to create. Since it has an extreme output (demanded by Pete Townshend!), we added a Output knob so you can take control.	Volume: Controls the effect output and gain amount Presence: Controls the effect headroom Output: Controls the effect output Bass/Middle/Treble: 3-band EQ that controls the effect tone
Soloist 100 Crunch	This model is based on the sound characteristics of the legendary Soldano® SLO100* amp head (NORMAL channel, dirty sound), which set a benchmark for modern amps. The reason you find the sound so familiar is because you've been hearing it on gold records since 1987.	Gain: Controls the gain amount (pre gain) Presence: Controls the effect headroom Master: Controls the effect output (post gain) Bass/Middle/Treble: 3-band EQ that controls the effect tone
Hi Gain		
Marshall 800	This model is based on the sound characteristics of the legendary Marshall® JCM800* amp head. Just think about the golden 1980's – a decade of heavy metal and THAT iconic, aggressive, crunchy BRITISH LEAD sound. Now the legend is back!	Gain: Controls the gain amount (pre gain) Presence: Controls the effect headroom Master: Controls the effect output (post gain) Bass/Middle/Treble: 3-band EQ that controls the effect tone
Fryman B	This model is based on a famous UK-style boutique amp head (BE channel). This is an incredible tone machine based on the classic hot British amps. But this amp is extremely versatile: with some knob tweaking, you'll be amazed by the super tight low ends, sweet mids and rich harmonics.	Gain: Controls the gain amount (pre gain) Presence: Controls the effect headroom Master: Controls the effect output (post gain) Bass/Middle/Treble: 3-band EQ that controls the effect tone Fat/C45: Adjusts overall tonal characters
Marshall 900	This model is based on the legendary Marshall® JCM900 (model 4100, CH B)* amp head. Released in 1990, it was designed to produce more gain, less noise and stainless Marshall® tone.	Gain: Controls the gain amount (pre gain) Presence: Controls the effect headroom Master: Controls the effect output (post gain) Bass/Middle/Treble: 3-band EQ that controls the effect tone
Boger XT Red	This model is based on the 3rd channel (the red channel) of the famous Bogner® Ecstasy* head (modern sound character), which has been a favorite for every style and genre of music since 1992.	Gain: Controls the gain amount (pre gain) Presence: Controls the effect headroom Master: Controls the effect output (post gain) Bass/Middle/Treble: 3-band EQ that controls the effect tone

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AMP

FX Title	Description	Parameters & Ranges
AMP		
Hi Gain		
Soloist 100 Lead	This model is based on the sound characteristics of the legendary Soldano® SLO100* amp head (OVERDRIVE channel), which set a benchmark for modern amps. The reason you find the sound so familiar is because you've been hearing it on gold records since 1987.	Gain: Controls the gain amount (pre gain) Presence: Controls the effect headroom Master: Controls the effect output (post gain) Bass/Middle/Treble: 3-band EQ that controls the effect tone
Fryman HB	This model is based on a famous UK-style boutique amp head (HBE channel). This is an incredible tone machine based on the classic hot British amps. But this amp is extremely versatile: with some knob tweaking, you'll be amazed by the super tight low ends, sweet mids and rich harmonics.	Gain: Controls the gain amount (pre gain) Presence: Controls the effect headroom Master: Controls the effect output (post gain) Bass/Middle/Treble: 3-band EQ that controls the effect tone Fat/C45: Adjusts overall tonal characters
Messe IIC+	This model is based on the legendary Mesa/Boogie® Mark II C+™* amp head (LEAD channel). Now you have one of the hottest amp tones: Tight, focused rhythm riffs and the legendary "liquid lead" tone. This amp gets the aeons of sustain Metallica and Dream Theater bet their lives on.	Gain: Controls the gain amount Presence: Controls the effect headroom Master: Controls the effect output (post gain) Bass/Middle/Treble: 3-band EQ that controls the effect tone Bass/Treble Shift: Switches extra bass/treble on/off Deep: Switches extra low end on/off Bright: Switches extra brightness on/off
Messe IV	The classic Boogie Lead sound...and beyond. This model is based on the legendary Mesa/Boogie® Mark IV™* amp head (LEAD channel). This massive lead tone is one of the most beautifully voiced tones that can always be heard in a mix.	Gain: Controls the gain amount Presence: Controls the effect headroom Master: Controls the effect output (post gain) Bass/Middle/Treble: 3-band EQ that controls the effect tone Fat: Switch on to get a fatter sound Bright: Switches extra brightness on/off Voicing: Selects from two voicings: Mid Gain (a punchier sound with more mids and distortion)/Harmony (a more balanced sound)
Rector Dual V	This model is based on an enduring rock' n' roll icon: the legendary Mesa/Boogie® Dual Rectifier® amp head (CH3, vintage). Music industry genres and scenes have come and gone since its first release in early 1990's, but this amp's monolithic heavy sound continues to be the standard for modern heavy rock.	Gain: Controls the gain amount (pre gain) Presence: Controls the effect headroom Master: Controls the effect output (post gain) Bass/Middle/Treble: 3-band EQ that controls the effect tone
Rector Dual M	This model is based on an enduring rock' n' roll icon: the legendary Mesa/Boogie® Dual Rectifier® amp head (CH3, modern). Music industry genres and scenes have come and gone since its first release in early 1990's, but this amp's monolithic heavy sound continues to be the standard for modern heavy rock.	Gain: Controls the gain amount (pre gain) Presence: Controls the effect headroom Master: Controls the effect output (post gain) Bass/Middle/Treble: 3-band EQ that controls the effect tone

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AMP

FX Title	Description	Parameters & Ranges
AMP		
Hi Gain		
Tang R100	This model is based on the famous Orange® Rockerverb 100™* amp head, Orange®*'s first high gain amplifier. Its unique thick voice has become eternally linked with hard rock/stoner rock.	Gain: Controls the gain amount (pre gain) Master: Controls the effect output (post gain) Bass/Middle/Treble: 3-band EQ that controls the effect tone
Eddie 51	This model is based on a heavy rock legend: the Peavey® 5150®* (LEAD channel). The original is famous for its raw tone and relentless power. Our Eddie 51 gives you the "brown metal" sound heard on legendary heavy metal records.	Gain: Controls the gain amount (pre gain) Presence: Controls the effect headroom Master: Controls the effect output (post gain) Bass/Middle/Treble: 3-band EQ that controls the effect tone
Engle Saga 1	This model is based on the famous ENGL® Savage 120 E610* amp head (Channel 4, contour off). This replica reproduces the iconic modern German rock sound featuring fast response, enhanced headroom and punchy dynamics.	Input: Controls the input sensitivity Gain: Controls the gain amount Presence: Controls the effect headroom Master: Controls the effect output (post gain) Bass/Middle/Treble: 3-band EQ that controls the effect tone Voice: Selects overall sound character from Rough to Smooth Depth Boost: Switches extra resonance on/off
Engle Saga 2	This model is based on the famous ENGL® Savage 120 E610* amp head (Channel 4, contour on). This replica reproduces the iconic modern German rock sound featuring fast response, enhanced headroom and punchy dynamics.	Input: Controls the input sensitivity Gain: Controls the gain amount Presence: Controls the effect headroom Master: Controls the effect output (post gain) Bass/Middle/Treble: 3-band EQ that controls the effect tone Voice: Selects overall sound character from Rough to Smooth Depth Boost: Switches extra resonance on/off
Dizzle VH	This model is based on the 4th channel of the famous Diezel® VH4* amp head. Born in 1994, the VH4 set an incredibly high benchmark for boutique multi-channel amps, quickly making it a stage and studio standard.	Gain: Controls the gain amount (pre gain) Presence: Controls the effect headroom Master: Controls the effect output (post gain) Bass/Middle/Treble: 3-band EQ that controls the effect tone

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AMP

FX Title	Description	Parameters & Ranges
AMP		
Bass		
Ampage Classic	This model is based on the legendary Ampeg® SVT* bass amp head. Born in 1969, the rich sounding all-tube monster basically defined the bass sound of rock and roll from then on. We modified the Frequency switch with a modern Ampeg®* design for more tonal flexibility.	Gain: Controls the gain amount Master: Controls the effect output Midrange: Selects the center frequency of Midrange control: 220Hz/450Hz /800Hz/1.6kHz/3kHz Bass/Middle/Treble: 3-band EQ that controls the effect tone
Voxy Bass	This model is based on the sound characteristics of the legendary VOX®* AC-100* amp head, the amp that McCartney was using in 1965. The operation is simple: just treble, bass, and volume controls. Using a violin bass with this amp will totally get you THAT vibe.	Volume: Controls the output volume (post gain) Bass/Treble: 2-band EQ that controls the effect tone
Ampage Flip	This model is based on the legendary Ampeg® B-15* "Flip Top" bass amp head. Originally designed by Jess Oliver, the easy-to-use amp produces incredible round, full-figured tone for which many have deemed it the holy grail of bass amps. Now it's finally within reach!	Volume: Controls the effect output Bass/Treble: 2-band EQ that controls the effect tone
Alchemy Pre	This model is based on the legendary Alembic™ F-2B* rack-mount bass preamp. It recreates the rich, magical tube sound that made the F-2B* a classic. This treatment is not just for bass— it's awesome on guitars (think Gilmour) and more!	Volume: Controls the effect output Bright: Switches extra brightness on/off Bass/Middle/Treble: 3-band EQ that controls the effect tone
Acoustic		
AC Pre 1	This model is an acoustic preamp based on the famous AER® Colourizer 2*, which makes dull sounds come alive by enriching your acoustic sound with full dynamics and harmonics.	Volume: Controls the effect output Tone Mix: Controls the tone control balance; set to 0 to disable tone control Tone Depth: Controls the tone brightness EQ Freq: Controls the EQ center frequency from 90Hz to 1.6kHz EQ Q: Controls the EQ bandwidth EQ Gain: Controls the EQ boost/cut amount; set to 50 to keep neutral Enhancer: Controls tone enhancement amount; turn to minimum (off) to disable enhancer
AC Pre 2	This model is an acoustic preamp based on the famous AER® Colourizer 2*, which makes dull sounds come alive by enriching your acoustic sound with full dynamics and harmonics.	Volume: Controls the effect output Tone Mix: Controls the tone control balance; set to 0 to disable tone control Tone Depth: Controls the tone brightness EQ Freq: Controls the EQ center frequency from 680Hz to 11kHz EQ Q: Controls the EQ bandwidth EQ Gain: Controls the EQ boost/cut amount; set to 50 to keep neutral Enhancer: Controls tone enhancement amount; turn to minimum (off) to disable enhancer

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CAB

FX Title	Description	Parameters & Ranges
CAB		
Guitar S		
Gibby 1x10	This model is an Based on the sound characteristics of a Gibson®* 1x10" cabinet.	<p>Volume: Controls the output volume Low Cut/High Cut: Cuts the low/high frequency</p>
Tweed 1x10	This model is an IR based cab simulator based on the sound characteristics of a vintage Fender® Tweed* 1x10" combo cabinet.	
Tweed 1x12	This model is an IR based cab simulator based on the sound characteristics of a vintage Fender® Tweed* 1x12" combo cabinet.	
Black 1x12	This model is an IR based cab simulator based on the sound characteristics of a Fender®* 1x12" combo cabinet.	
UK 1x12	This model is an IR based cab simulator based on the sound characteristics of a Marshall®* 1x12" cabinet.	
Tang 1x12	This model is an IR based cab simulator based on the sound characteristics of a Orange® PPC112* 1x12" cabinet.	
Voxy 1x12	This model is an IR based cab simulator based on the sound characteristics of a Vox® AC15* 1x12" combo cabinet.	
Black 2x12	This model is an IR based cab simulator based on the sound characteristics of a Fender® Blackface Twin Reverb* 2x12" combo cabinet.	
Voxy 2x12	This model is an IR based cab simulator based on the sound characteristics of a Vox® AC30* 2x12" combo cabinet.	
Jazz 2x12	This model is an IR based cab simulator based on the sound characteristics of the famous "JC clean" 2x12" cabinet.	
Stone 2x12	This model is an IR based cab simulator based on the sound characteristics of a Two-Rock®* 2x12" cabinet.	
Match 2x12	This model is an IR based cab simulator based on the sound characteristics of a Matchless®* 2x12" cabinet.	
UK 2x12	This model is an IR based cab simulator based on the sound characteristics of a Marshall®* 2x12" cabinet.	

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CAB

FX Title	Description	Parameters & Ranges
CAB		
Guitar S		
Glacian 2x12	This model is an IR based cab simulator based on the sound characteristics of a Bogner® Shiva* 2x12" cabinet.	Volume: Controls the output volume Low Cut/High Cut: Cuts the low/high frequency
Superstar 2x12	This model is an IR based cab simulator based on the sound characteristics of a Gibson®* 1x10" cabinet.	
Messe 2x12	This model is an IR based cab simulator based on the sound characteristics of a Mesa/Boogie®* 2x12" cabinet.	
Rector 2x12	This model is an IR based cab simulator based on the sound characteristics of a Mesa/Boogie® Rectifier* 2x12" cabinet.	
Guitar L		
Tweed 4x10	This model is an IR based cab simulator based on the sound characteristics of a Fender® Tweed* 4x10" cabinet.	Volume: Controls the output volume Low Cut/High Cut: Cuts the low/high frequency
UK 4x10	This model is an IR based cab simulator based on the sound characteristics of a Marshall® 1965B* 4x10" cabinet.	
Glacian 4x10	This model is an IR based cab simulator based on the sound characteristics of a Bogner® Shiva* 4x10" cabinet.	
UK 4x12A	This model is an IR based cab simulator based on the sound characteristics of a Marshall® 1960A* 4x12" cabinet.	
UK 4x12B	This model is an IR based cab simulator based on the sound characteristics of a Marshall® 1960B* 4x12" cabinet.	
UK 4x12C	This model is an IR based cab simulator based on the sound characteristics of a vintage Marshall®* 4x12" cabinet.	
UK 4x12D	This model is an IR based cab simulator based on the sound characteristics of a famous UK-style boutique 4x12" cabinet.	
UK T75 4x12	This model is an IR based cab simulator based on the sound characteristics of a Marshall®* 4x12" cabinet with four Celestion® G12T-75* speakers.	

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CAB

FX Title	Description	Parameters & Ranges
CAB		
Guitar L		
Messe 4x12	This model is an IR based cab simulator based on the sound characteristics of a Mesa/Boogie®* 4x12" cabinet.	Volume: Controls the output volume Low Cut/High Cut: Cuts the low/high frequency
Rector 4x12A	This model is an IR based cab simulator based on the sound characteristics of a Mesa/Boogie® Rectifier® Standard 4x12"* cabinet.	
Rector 4x12B	This model is an IR based cab simulator based on the sound characteristics of a Mesa/Boogie® Rectifier® Traditional 4x12"* cabinet.	
Eddie 4x12	This model is an IR based cab simulator based on the sound characteristics of an EVH®* 4x12" cabinet.	
Boger 4x12	This model is an IR based cab simulator based on the sound characteristics of a Bogner®* 4x12" cabinet.	
Engle 4x12	This model is an IR based cab simulator based on the sound characteristics of an ENGL®* 4x12" cabinet.	
Soloist 4x12	This model is an IR based cab simulator based on the sound characteristics of a Soldano®* 4x12" cabinet.	
Tang 4x12	This model is an IR based cab simulator based on the sound characteristics of an Orange® PPC412* 4x12" cabinet.	
Dizzle 4x12	This model is an IR based cab simulator based on the sound characteristics of a Diezel®* 4x12" cabinet.	
Bass		
Flip Top 1x15	This model is an IR based cab simulator based on the sound characteristics of an Ampeg® B-15N* 1x15" cabinet.	Volume: Controls the output volume Low Cut/High Cut: Cuts the low/high frequency
Worker 1x15	This model is an IR based cab simulator based on the sound characteristics of a SWR® Workingman's* 1x15" cabinet.	
Ampage 2x10	This model is an IR based cab simulator based on the sound characteristics of an Ampeg® SVT-210AV* 2x10" cabinet.	

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CAB

FX Title	Description	Parameters & Ranges
CAB		
Bass		
Mark 4x10	This model is an IR based cab simulator based on the sound characteristics of a Mark Bass®* 4x10" cabinet.	Volume: Controls the output volume Low Cut/High Cut: Cuts the low/high frequency
Adam 4x10	This model is an IR based cab simulator based on the sound characteristics of an Eden®* 4x10" cabinet.	
Worker 4x10	This model is an IR based cab simulator based on the sound characteristics of a SWR® Workingman's* 4x10" cabinet.	
GK 4x10	This model is an IR based cab simulator based on the sound characteristics of a Gallien-Krueger® CX410* 4x10" cabinet.	
Ampage 4x10	This model is an IR based cab simulator based on the sound characteristics of an Ampeg® SVT-410HLF* 4x10" cabinet.	
Ampage 8x10	This model is an IR based cab simulator based on the sound characteristics of an Ampeg® SVT-810E* 8x10" cabinet.	
Celestion		
Blue 1x12	This IR is based on the sound characteristics of a 1x12 open back cabinet with one 12-inch Celestion® Alnico Blue* speaker, captured by a set of carefully balanced studio microphones.	Volume: Controls the output volume Low Cut/High Cut: Cuts the low/high frequency
G12H Ann 2x12	This IR is based on the sound characteristics of a 2x12 open back cabinet with two 12-inch Celestion® G12H Anniversary* speakers, captured by a set of carefully balanced studio microphones.	
G12M 2x12	This IR is based on the sound characteristics of a 2x12 close back cabinet with two 12-inch Celestion® G12M Creamback* speakers, captured by a set of carefully balanced studio microphones.	
Green 4x12	This IR is based on the sound characteristics of a 4x12 close back cabinet with four 12-inch Celestion® G12M Greenback* speakers, captured by a set of carefully balanced studio microphones.	
V30 4x12	This IR is based on the sound characteristics of a 4x12 close back cabinet with four 12-inch Celestion® Vintage 30®* speakers, captured by a set of carefully balanced studio microphones.	

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CAB

FX Title	Description	Parameters & Ranges
CAB		
Acoustic		
Dreadnought 1	This model is an acoustic IR based on the sound characteristics of a Dreadnought steel-string acoustic guitar.	Volume: Controls the output volume Low Cut/High Cut: Cuts the low/high frequency
Dreadnought 2	This model is an acoustic IR based on the sound characteristics of a Dreadnought steel-string acoustic guitar.	
Orchestral	This model is an acoustic IR based on the sound characteristics of an OM type steel-string acoustic guitar.	
Jumbo	This model is an acoustic IR based on the sound characteristics of a jumbo type steel-string acoustic guitar.	
Hum Bird	This model is an acoustic IR based on the sound characteristics of an iconic "H-Bird" steel-string acoustic guitar.	
Auditorium	This model is an acoustic IR based on the sound characteristics of a GA type steel-string acoustic guitar.	
Classical	This model is an acoustic IR based on the sound characteristics of a classical guitar.	
Mandolin	This model is an acoustic IR based on the sound characteristics of a mandolin.	
Fretless Bass	This model is an acoustic IR based on the sound characteristics of a fretless acoustic bass guitar.	
Double Bass	This model is an acoustic IR based on the sound characteristics of a double bass.	
User IR		
User IR 1 - 20	These slots are for loading your own IR files. The IR file should be a 24-bit 44.1kHz mono WAV file.	Volume: Controls the output volume Low Cut/High Cut: Cuts the low/high frequency

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EQ

FX Title	Description	Parameters & Ranges
EQ		
EQ		
Guitar EQ 1	This is an equalizer made for guitar. You can use this 5-band EQ to control your sound, eliminate unwanted feedback, and expand your tone.	Band 1: 125Hz Band 2: 400Hz Band 3: 800Hz Band 4: 1.6kHz Band 5: 4kHz Use the five bands above to control the EQ level. Volume: Controls the output level
Guitar EQ 2	This is an equalizer made for guitar. You can use this 5-band EQ to control your sound, eliminate unwanted feedback, and expand your tone.	Band 1: 100Hz Band 2: 500Hz Band 3: 1kHz Band 4: 3kHz Band 5: 6kHz Use the five bands above to control the EQ level. Volume: Controls the output level
Bass EQ 1	This is an equalizer made for bass. You can use this 5-band EQ to control your sound, eliminate unwanted feedback, and expand your tone.	Band 1: 33Hz Band 2: 150Hz Band 3: 600Hz Band 4: 2kHz Band 5: 8kHz Use the five bands above to control the EQ level. Volume: Controls the output level
Bass EQ 2	This is an equalizer made for bass. You can use this 5-band EQ to control your sound, eliminate unwanted feedback, and expand your tone.	Band 1: 50Hz Band 2: 120Hz Band 3: 400Hz Band 4: 800Hz Band 5: 4.5kHz Use the five bands above to control the EQ level. Volume: Controls the output level
V-EQ	Our V-EQ is an equalizer based on the legendary Mesa/Boogie®* 5-band graphic EQ module found on Mesa/Boogie® Mark™* Series amps. Put this classic EQ right before your amp or distortion and hear the magic.	Band 1: 80Hz Band 2: 240Hz Band 3: 750Hz Band 4: 2.2kHz Band 5: 6.6kHz Use the five bands above to control the EQ level.
Graphic EQ	This is a 10-band equalizer suitable for any instrument.	Band 1: 31Hz Band 2: 63Hz Band 3: 125Hz Band 4: 250Hz Band 5: 500Hz Band 6: 1kHz Band 7: 2kHz Band 8: 4kHz Band 9: 8kHz Band 10: 16kHz Use the ten bands above to control the EQ level by $\pm 12\text{dB}$. Volume: Controls the output volume

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FX 1

FX Title	Description	Parameters & Ranges
FX 1		
Chorus		
Chorus	<p>This model is based on the legendary Voodoo Lab® Analog Chorus* pedal. Offering you warm, organic sound and lush harmonics, it has become the standard by which all chorus pedals are measured. Fine tune the two parameters to get your own sound, from subtle doubling to sweet rotation!</p> <p>You can use Tap Tempo function to control the effect speed by turning on the Sync switch. When the Sync switch is on, turn the Rate/Div knob to set a proper tap divide value. The default value is 1/4 (no division).</p>	<p>Depth: Selects the chorus depth from deep to shallow Rate: Controls the chorus speed/tap division value Sync: Switches Tap Tempo sync on/off</p>
Dimension	<p>Based on the legendary 4-button stereo chorus pedal, this Liquid C is more of a "dimension expander" than a chorus effect. Offering 4 finely tuned modes, this model adds unique spatial elements and subtle modulations to which nothing can compare.</p>	<p>Mode: Select from 4 different chorus modes</p>
Bass Cho	<p>This vintage-voiced chorus model is based on the famous ensemble chorus unit that tuned for bass players. Individual effect level control offers more flexibility for bass.</p> <p>You can use Tap Tempo function to control the effect speed by turning on the Sync switch. When the Sync switch is on, turn the Rate/Div knob to set a proper tap divide value. The default value is 1/4 (no division).</p>	<p>Depth: Controls the effect depth Rate/Div: Controls the effect speed/tap division value Output: Controls the effect output Sync: Switches Tap Tempo sync on/off</p>
Flanger		
Flanger	<p>This model produces the classic flanging effect originally achieved by manually, independently varying the speed of two tape recorders with the same program material. It produces a rich, natural flanging tone.</p> <p>You can use Tap Tempo function to control the effect speed by turning on the Sync switch. When the Sync switch is on, turn the Rate/Div knob to set a proper tap divide value. The default value is 1/4 (no division).</p>	<p>Depth: Controls the flanger depth Rate/Div: Controls the effect speed/tap division value Pre Dly: Controls the pre delay time FB: Controls the amount of feedback Sync: Switches Tap Tempo sync on/off</p>
Bass Flg	<p>This model achieves the classic flanging effect for bass players. It produces a rich, natural flanging tone.</p> <p>You can use Tap Tempo function to control the effect speed by turning on the Sync switch. When the Sync switch is on, turn the Rate/Div knob to set a proper tap divide value. The default value is 1/4 (no division).</p>	<p>Depth: Controls the effect depth Rate/Div: Controls the effect speed/tap division value Pre Dly: Controls the pre delay time FB: Controls the amount of feedback Sync: Switches Tap Tempo sync on/off</p>

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FX 1

FX Title	Description	Parameters & Ranges
FX 1		
Flanger		
Neg Flg	<p>This model produces a flanger effect with negative feedback, sounds like deep in the water, very unique flanging tone.</p> <p>You can use Tap Tempo function to control the effect speed by turning on the Sync switch. When the Sync switch is on, turn the Rate/Div knob to set a proper tap divide value. The default value is 1/4 (no division).</p>	<p>Depth: Controls the effect depth</p> <p>Rate/Div: Controls the effect speed/tap division value</p> <p>Pre Dly: Controls the pre delay time</p> <p>FB: Controls the amount of feedback</p> <p>Sync: Switches Tap Tempo sync on/off</p>
Vibrato		
Vibrato	<p>This model is a rebirth of the super rare all-analog vintage vibrato pedal, which gives you a classic vibrato sound with true analog warmth. With simple DEPTH and RATE controls, it's easy to tweak your own unique texture, from slight vibes to a full-on wobble.</p> <p>You can use Tap Tempo function to control the effect speed by turning on the Sync switch. When the Sync switch is on, turn the Rate/Div knob to set a proper tap divide value. The default value is 1/4 (no division).</p>	<p>Depth: Controls the effect depth</p> <p>Rate/Div: Controls the effect speed/tap division value</p> <p>Sync: Switches Tap Tempo sync on/off</p>
Phaser		
O-Phase	<p>This model recreates the warm, rich analog phase sound of the legendary MXR® M101 Phase 90* pedal. Born in 1974, the one-knob orange phaser is an icon that has found a place on millions of pedal boards for over four decades.</p> <p>You can use Tap Tempo function to control the effect speed by turning on the Sync switch. When the Sync switch is on, turn the Rate/Div knob to set a proper tap divide value. The default value is 1/4 (no division).</p> <p>switch is on, turn the Rate/Div knob to set a proper tap divide value. The default value is 1/4 (no division).</p>	<p>Rate/Div: Controls the effect speed/tap division value</p> <p>Sync: Switches Tap Tempo sync on/off</p>
G-Phase	<p>This model produces a sharp phase effect with a wide range from very slow to fast speed. This unique phasing sound has become popular among lots of musicians since 1977.</p> <p>You can use Tap Tempo function to control the effect speed by turning on the Sync switch. When the Sync switch is on, turn the Rate/Div knob to set a proper tap divide value. The default value is 1/4 (no division).</p> <p>speed by turning on the Sync switch. When the Sync switch is on, turn the Rate/Div knob to set a proper tap divide value. The default value is 1/4 (no division).</p>	<p>Depth: Controls the effect depth</p> <p>Rate/Div: Controls the effect speed/tap division value</p> <p>Sync: Switches Tap Tempo sync on/off</p>

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FX 1

FX Title	Description	Parameters & Ranges
FX 1		
Phaser		
S-Phase	<p>This model is based on the legendary and extremely rare 1970s Electro-Harmonix® Small Stone phase shifter* pedal. This original is one of the best analog phaser sounds in the history of music and can be heard on countless rock recordings.</p> <p>You can use Tap Tempo function to control the effect speed by turning on the Sync switch. When the Sync switch is on, turn the Rate/Div knob to set a proper tap divide value. The default value is 1/4 (no division).</p>	<p>Color: Selects the phaser sound character from warm to sharp</p> <p>Rate/Div: Controls the effect speed/tap division value</p> <p>Sync: Switches Tap Tempo sync on/off</p>
Rotary		
Minivibe	<p>This model delivers a lush rotating effect that simulates 1960s rotary speakers. Based on the Voodoo Lab® Micro Vibe*, it gives you the pure, "psychedelic" vibe-y taste that guitar heroes like Hendrix and Gilmour loved.</p> <p>You can use Tap Tempo function to control the effect speed by turning on the Sync switch. When the Sync switch is on, turn the Rate/Div knob to set a proper tap divide value. The default value is 1/4 (no division).</p>	<p>Depth: Controls the effect depth</p> <p>Rate/Div: Controls the effect speed/tap division value</p> <p>Sync: Switches Tap Tempo sync on/off</p>
U-Vibe	<p>This model recreates the warm, rich analog phase sound of the legendary MXR® M101 Phase 90* pedal. Born in 1974, the one-knob orange phaser is an icon that has found a place on millions of pedal boards for over four decades.</p> <p>You can use Tap Tempo function to control the effect speed by turning on the Sync switch. When the Sync switch is on, turn the Rate/Div knob to set a proper tap divide value. The default value is 1/4 (no division).</p> <p>switch is on, turn the Rate/Div knob to set a proper tap divide value. The default value is 1/4 (no division).</p>	<p>Depth: Controls the effect depth</p> <p>Rate/Div: Controls the effect speed/tap division value</p> <p>Volume: Controls the effect output</p> <p>Mode: Select from 2 different vibe modes: Chorus and Vibrato</p> <p>Sync: Switches Tap Tempo sync on/off</p>
Rotary	<p>This model is a rotary speaker simulator with detailed control, bringing you the legendary tone adapted by lots of rock legends.</p> <p>You can use Tap Tempo function to control the effect speed by turning on the Sync switch. When the Sync switch is on, turn the B. /H. Rate/Div knobs to set a proper tap divide value. The default value is 1/4 (no division).</p>	<p>Mix: Controls the wet/dry signal ratio</p> <p>B. Rate/Div: Controls the bass rotating speed/tap division value</p> <p>H. Rate/Div: Controls the horn rotating speed/tap division value</p> <p>Balance: Controls the bass/horn sound balance</p> <p>Tone: Controls the effect tone</p> <p>Bass/Horn Sync: Switches Tap Tempo sync on/off</p>

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FX 1

FX Title	Description	Parameters & Ranges
FX 1		
Tremolo		
Tremolo	<p>This model is based on the legendary Demeter® TRM-1 Tremulator®* tremolo pedal. Featuring deep, pulsing optical tremolo sound, it recreates the classic tremolo effect found on many vintage amps but with a greater range of speed and depth.</p> <p>You can use Tap Tempo function to control the effect speed by turning on the Sync switch. When the Sync switch is on, turn the Rate/Div knob to set a proper tap divide value. The default value is 1/4 (no division).</p>	<p>Depth: Controls the effect depth</p> <p>Rate/Div: Controls the effect speed/tap division value</p> <p>Sync: Switches Tap Tempo sync on/off</p>
Pitch		
Detune	<p>This is a detune model which combines a slightly pitch shifted signal with the original signal, producing a lush, chorus-like sound. Use the Dry, Wet and Detune knobs to expand your sonic dimensions.</p>	<p>Dry/Wet: Controls the dry/wet signal level</p> <p>Detune: Controls the detune amount by ± 50 cents</p>
Octa 1	<p>This model is a monophonic octaver that creates notes one octave lower and two octaves lower. Single note processing and individual wet/dry signal control recreate the vintage "dirty" analog octave pedal sounds.</p>	<p>Oct 1: Controls the volume of lower octave (1 oct down)</p> <p>Oct 2: Controls the volume of higher octave (1 oct up)</p> <p>Dry: Controls the dry signal level</p>
Octa 2	<p>This model is a polyphonic octaver that creates notes one octave higher and one octave lower. Individual octave voice control and dry signal control can bring you lots of fun, and polyphonic processing support means playing chords is absolutely no problem.</p>	<p>Hi Level: Controls the volume of higher octave (1 oct up)</p> <p>Low Level: Controls the volume of lower octave (1 oct down)</p> <p>Tone: Controls the effect tone</p> <p>Mix: Controls the wet/dry signal ratio</p> <p>Output: Controls the overall output</p>
Pitch	<p>This model is a polyphonic 2-voice pitch shifter with max. 2 octaves pitch shifting range. Detailed pitch shifting settings can bring you lots of fun.</p>	<p>Pitch 1/2: Controls the voice 1/2 pitch shifting range by ± 24 semitones</p> <p>Level 1/2: Controls the voice 1/2 output</p> <p>Tone: Controls the effect tone</p> <p>Mix: Controls the overall dry/wet signal ratio</p> <p>Output: Controls the overall output</p>
A-Harm	<p>This model is a monophonic single voice automatic harmonizer with max. one octave pitch shifting range. Detailed Key, Scale and Interval settings can bring you lots of fun.</p>	<p>Mix: Controls the wet/dry signal ratio of the effect</p> <p>Key: Selects the chord key according to your music</p> <p>Mode: Selects the scale mode according to your music</p> <p>Interval: Selects the interval between wet and dry signal</p> <p>Smooth Mode: Switch on to get a smooth note transition</p>

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FX 1

FX Title	Description	Parameters & Ranges
FX 1		
Special		
Bit Crush	This model is a sweet-sounding bitcrusher/sample rate reducer with full control over the bit resolution and sample rate. Use the low pass filter and high pass filter onboard to get your own sound variations.	Mix: Controls the wet/dry signal ratio of the effect Krush: Controls the sample rate of the effect Bit: Controls the bit resolution of the effect Hi Cut/Lo Cut: Controls the high/low cut filter cutoff frequency
Sweller	This model is an auto swell effect that creating a violin-like tone. Two parameters make it simple.	Attack: Controls how fast the effect swells the input signal Curve: Selects the volume swell curve
Filter		
T-Wah G	This is an envelope filter designed for guitars, offering you a wide range of tonal variety. Set the Sense, Range, and Q parameters to fit your instrument and playing style.	Sense: Controls the effect sensitivity Range: Controls the filter frequency range Q: Controls the filter sharpness Level: Controls the output level
T-Wah B	This is an envelope filter designed for basses, offering you a wide range of tonal variety. Set the Sense, Range, and Q parameters to fit your instrument and playing style.	Sense: Controls the effect sensitivity Range: Controls the filter frequency range Q: Controls the filter sharpness Level: Controls the output level
A-Wah	Designed for for both guitars and basses, this auto wah has many parameters for shaping the tone of your wah sound. Start with the frequency range adjustment to decide the basic flavor of your wah-wah. You can use Tap Tempo function to control the effect speed by turning on the Sync switch. When the Sync switch is on, turn the Rate/Div knob to set a proper tap divide value. The default value is 1/4 (no division).	Depth: Controls the effect depth Rate/Div: Controls the effect speed/tap division value Low/High: Controls the filter frequency range Volume: Controls the effect output Q: Controls the filter sharpness Sync: Switches Tap Tempo sync on/off
Delay		
Digi Dly	This model is a stereo digital delay that produces a pure clean delay sound, clear and accurate. You can use Tap Tempo function to control the delay time by turning on the Sync switch. When the Sync switch is on, turn the Time/Div knob to set a proper tap divide value. The default value is 1/4 (no division).	Mix: Controls the wet/dry signal ratio FB: Controls the amount of feedback Time/Div: Controls the delay time/tap division value of left channel Time R%: Controls the delay time of right channel (time ratio of left channel) Spread: Controls the effect stereo width Level: Controls the effect output Sync: Switches Tap Tempo sync on/off

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FX 1

FX Title	Description	Parameters & Ranges
FX 1		
Delay		
Ana Dly	<p>This model is a stereo analog delay that captures the sound of a vintage analog delay machine: warm and natural, just like old times!</p> <p>You can use Tap Tempo function to control the delay time by turning on the Sync switch. When the Sync switch is on, turn the Time/Div knob to set a proper tap divide value. The default value is 1/4 (no division).</p>	<p>Mix: Controls the wet/dry signal ratio FB: Controls the amount of feedback Time/Div: Controls the delay time/tap division value of left channel Time R%: Controls the delay time of right channel (time ratio of left channel) Spread: Controls the effect stereo width Level: Controls the effect output Sync: Switches Tap Tempo sync on/off</p>
BBD Dly	<p>This is a stereo analog delay model that captures the sound of a BBD based analog delay machine that is warm, smooth, rounded due to the limitation of BBD chips.</p> <p>You can use Tap Tempo function to control the delay time by turning on the Sync switch. When the Sync switch is on, turn the Time/Div knob to set a proper tap divide value. The default value is 1/4 (no division).</p>	<p>Mix: Controls the wet/dry signal ratio FB: Controls the amount of feedback Time/Div: Controls the delay time/tap division value of left channel Time R%: Controls the delay time of right channel (time ratio of left channel) Spread: Controls the effect stereo width Level: Controls the effect output Sync: Switches Tap Tempo sync on/off Level: Controls the output level</p>
Tape Dly	<p>This is a stereo delay model that captures the characteristics of the sound of a tape echo machine. Just plug in and play, and time flows back!</p> <p>You can use Tap Tempo function to control the delay time by turning on the Sync switch. When the Sync switch is on, turn the Time/Div knob to set a proper tap divide value. The default value is 1/4 (no division).</p>	<p>Mix: Controls the wet/dry signal ratio FB: Controls the amount of feedback Time/Div: Controls the delay time/tap division value of left channel Time R%: Controls the delay time of right channel (time ratio of left channel) Spread: Controls the effect stereo width Level: Controls the effect output Sync: Switches Tap Tempo sync on/off</p>
Amb Dly1	<p>This model is a multi-tap delay that brings you expanded sound spaciousness. 1, 2 stands for different tonal variations.</p> <p>You can use Tap Tempo function to control the delay time by turning on the Sync switch. When the Sync switch is on, turn the Time/Div knob to set a proper tap divide value. The default value is 1/4 (no division).</p>	<p>Mix: Controls the wet/dry signal ratio FB: Controls the amount of feedback Time/Div: Controls the delay time/tap division value Level: Controls the effect output Mod: Controls the effect modulation amount Tone: Controls the effect tone Sync: Switches Tap Tempo sync on/off</p>

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FX 1

FX Title	Description	Parameters & Ranges
FX 1		
Delay		
Amb Dly2	<p>This model is a multi-tap delay that brings you expanded sound spaciousness.</p> <p>1, 2 stands for different tonal variations.</p> <p>You can use Tap Tempo function to control the delay time by turning on the Sync switch. When the Sync switch is on, turn the Time/Div knob to set a proper tap divide value. The default value is 1/4 (no division).</p>	<p>Mix: Controls the wet/dry signal ratio</p> <p>FB: Controls the amount of feedback</p> <p>Time/Div: Controls the delay time/tap division value</p> <p>Level: Controls the effect output</p> <p>Mod: Controls the effect modulation amount</p> <p>Tone: Controls the effect tone</p> <p>Sync: Switches Tap Tempo sync on/off</p>
Rev Dly	<p>This is a delay model that reverses the original sound. It's like we recorded your sound with a tape recorder and then played it backwards. That's where this model goes.</p> <p>You can use Tap Tempo function to control the delay time by turning on the Sync switch. When the Sync switch is on, turn the Time/Div knob to set a proper tap divide value. The default value is 1/4 (no division).</p>	<p>Mix: Controls the wet/dry signal ratio</p> <p>FB: Controls the amount of feedback</p> <p>Time/Div: Controls the delay time/tap division value</p> <p>Level: Controls the effect output</p> <p>Sync: Switches Tap Tempo sync on/off</p>
P-Pong	<p>This model is a ping-pong delay producing stereo feedback that bounces back and forth between the left and right channels.</p> <p>You can use Tap Tempo function to control the delay time by turning on the Sync switch. When the Sync switch is on, turn the Time/Div knob to set a proper tap divide value. The default value is 1/4 (no division).</p>	<p>Mix: Controls the wet/dry signal ratio</p> <p>FB: Controls the amount of feedback</p> <p>Time/Div: Controls the delay time/tap division value of left channel</p> <p>Time R%: Controls the delay time of right channel (time ratio of left channel)</p> <p>Spread: Controls the effect stereo width</p> <p>Level: Controls the effect output</p> <p>Sync: Switches Tap Tempo sync on/off</p>
LoFi Dly	<p>This delay model comes with a bitcrusher that affects only the delay repeats, producing lo-fi'd feedback.</p> <p>You can use Tap Tempo function to control the delay time by turning on the Sync switch. When the Sync switch is on, turn the Time/Div knob to set a proper tap divide value. The default value is 1/4 (no division).</p>	<p>Mix: Controls the wet/dry signal ratio</p> <p>FB: Controls the amount of feedback</p> <p>Time/Div: Controls the delay time/tap division value</p> <p>Crush: Controls the effect downsampling rate</p> <p>Bit: Controls the effect bit depth reducing amount</p> <p>Level: Controls the effect output</p> <p>Sync: Switches Tap Tempo sync on/off</p>

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FX 2

FX Title	Description	Parameters & Ranges
FX 2		
Delay		
Digi Dly	<p>This model is a stereo digital delay that produces a pure clean delay sound, clear and accurate.</p> <p>You can use Tap Tempo function to control the delay time by turning on the Sync switch. When the Sync switch is on, turn the Time/Div knob to set a proper tap divide value. The default value is 1/4 (no division).</p>	<p>Mix: Controls the wet/dry signal ratio</p> <p>FB: Controls the amount of feedback</p> <p>Time/Div: Controls the delay time/tap division value of left channel</p> <p>Time R%: Controls the delay time of right channel (time ratio of left channel)</p> <p>Spread: Controls the effect stereo width</p> <p>Level: Controls the effect output</p> <p>Sync: Switches Tap Tempo sync on/off</p>
Ana Dly	<p>This model is a stereo analog delay that captures the sound of a vintage analog delay machine: warm and natural, just like old times!</p> <p>You can use Tap Tempo function to control the delay time by turning on the Sync switch. When the Sync switch is on, turn the Time/Div knob to set a proper tap divide value. The default value is 1/4 (no division).</p>	<p>Mix: Controls the wet/dry signal ratio</p> <p>FB: Controls the amount of feedback</p> <p>Time/Div: Controls the delay time/tap division value of left channel</p> <p>Time R%: Controls the delay time of right channel (time ratio of left channel)</p> <p>Spread: Controls the effect stereo width</p> <p>Level: Controls the effect output</p> <p>Sync: Switches Tap Tempo sync on/off</p>
BBD Dly	<p>This is a stereo analog delay model that captures the sound of a BBD based analog delay machine that is warm, smooth, rounded due to the limitation of BBD chips.</p> <p>You can use Tap Tempo function to control the delay time by turning on the Sync switch. When the Sync switch is on, turn the Time/Div knob to set a proper tap divide value. The default value is 1/4 (no division).</p>	<p>Mix: Controls the wet/dry signal ratio</p> <p>FB: Controls the amount of feedback</p> <p>Time/Div: Controls the delay time/tap division value of left channel</p> <p>Time R%: Controls the delay time of right channel (time ratio of left channel)</p> <p>Spread: Controls the effect stereo width</p> <p>Level: Controls the effect output</p> <p>Sync: Switches Tap Tempo sync on/off</p> <p>Level: Controls the effect output</p> <p>Sync: Switches Tap Tempo sync on/off</p>
Tape Dly	<p>This is a stereo delay model that captures the characteristics of the sound of a tape echo machine.</p> <p>Just plug in and play, and time flows back!</p> <p>You can use Tap Tempo function to control the delay time by turning on the Sync switch. When the Sync switch is on, turn the Time/Div knob to set a proper tap divide value. The default value is 1/4 (no division).</p>	<p>Mix: Controls the wet/dry signal ratio</p> <p>FB: Controls the amount of feedback</p> <p>Time/Div: Controls the delay time/tap division value of left channel</p> <p>Time R%: Controls the delay time of right channel (time ratio of left channel)</p> <p>Spread: Controls the effect stereo width</p> <p>Level: Controls the effect output</p> <p>Sync: Switches Tap Tempo sync on/off</p>
Amb Dly1	<p>This model is a multi-tap delay that brings you expanded sound spaciousness.</p> <p>1, 2 stands for different tonal variations.</p> <p>You can use Tap Tempo function to control the delay time by turning on the Sync switch. When the Sync switch is on, turn the Time/Div knob to set a proper tap divide value. The default value is 1/4 (no division).</p>	<p>Mix: Controls the wet/dry signal ratio</p> <p>FB: Controls the amount of feedback</p> <p>Time/Div: Controls the delay time/tap division value</p> <p>Level: Controls the effect output</p> <p>Mod: Controls the effect modulation amount</p> <p>Tone: Controls the effect tone</p> <p>Sync: Switches Tap Tempo sync on/off</p>

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FX 2

FX Title	Description	Parameters & Ranges
FX 2		
Delay		
Amb Dly2	<p>This model is a multi-tap delay that brings you expanded sound spaciousness.</p> <p>1, 2 stands for different tonal variations.</p> <p>You can use Tap Tempo function to control the delay time by turning on the Sync switch. When the Sync switch is on, turn the Time/Div knob to set a proper tap divide value. The default value is 1/4 (no division).</p>	<p>Mix: Controls the wet/dry signal ratio</p> <p>FB: Controls the amount of feedback</p> <p>Time/Div: Controls the delay time/tap division value</p> <p>Level: Controls the effect output</p> <p>Mod: Controls the effect modulation amount</p> <p>Tone: Controls the effect tone</p> <p>Sync: Switches Tap Tempo sync on/off</p>
Rev Dly	<p>This is a delay model that reverses the original sound. It's like we recorded your sound with a tape recorder and then played it backwards. That's where this model goes.</p> <p>You can use Tap Tempo function to control the delay time by turning on the Sync switch. When the Sync switch is on, turn the Time/Div knob to set a proper tap divide value. The default value is 1/4 (no division).</p>	<p>Mix: Controls the wet/dry signal ratio</p> <p>FB: Controls the amount of feedback</p> <p>Time/Div: Controls the delay time/tap division value</p> <p>Level: Controls the effect output</p> <p>Sync: Switches Tap Tempo sync on/off</p>
P-Pong	<p>This model is a ping-pong delay producing stereo feedback that bounces back and forth between the left and right channels.</p> <p>You can use Tap Tempo function to control the delay time by turning on the Sync switch. When the Sync switch is on, turn the Time/Div knob to set a proper tap divide value. The default value is 1/4 (no division).</p>	<p>Mix: Controls the wet/dry signal ratio</p> <p>FB: Controls the amount of feedback</p> <p>Time/Div: Controls the delay time/tap division value of left channel</p> <p>Time R%: Controls the delay time of right channel (time ratio of left channel)</p> <p>Spread: Controls the effect stereo width</p> <p>Level: Controls the effect output</p> <p>Sync: Switches Tap Tempo sync on/off</p>
LoFi Dly	<p>This delay model comes with a bitcrusher that affects only the delay repeats, producing lo-fi'd feedback.</p> <p>You can use Tap Tempo function to control the delay time by turning on the Sync switch. When the Sync switch is on, turn the Time/Div knob to set a proper tap divide value. The default value is 1/4 (no division).</p>	<p>Mix: Controls the wet/dry signal ratio</p> <p>FB: Controls the amount of feedback</p> <p>Time/Div: Controls the delay time/tap division value</p> <p>Crush: Controls the effect downsampling rate</p> <p>Bit: Controls the effect bit depth reducing amount</p> <p>Level: Controls the effect output</p> <p>Sync: Switches Tap Tempo sync on/off</p>
Reverb		
Room	<p>This reverb model recreates the spaciousness of a room.</p>	<p>Mix: Controls the wet/dry signal ratio</p> <p>Pre Dly: Controls the amount of time between the dry signal and the audible onset of early reflections and the reverb tail</p> <p>Decay: Controls the duration of reverb time</p> <p>Low Damp/Hi Damp: Dampens the effect low/high frequency amount</p> <p>Mod: Controls the effect modulation amount</p>

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FX 2

FX Title	Description	Parameters & Ranges
FX 2		
Reverb		
Hall	This reverb model recreates the spaciousness of a concert hall.	<p>Mix: Controls the wet/dry signal ratio</p> <p>Pre Dly: Controls the amount of time between the dry signal and the audible onset of early reflections and the reverb tail</p> <p>Decay: Controls the duration of reverb time</p> <p>Low Damp/Hi Damp: Dampens the effect low/high frequency amount</p> <p>Mod: Controls the effect modulation amount</p>
Plate	This reverb model simulates a plate reverberator.	<p>Mix: Controls the wet/dry signal ratio</p> <p>Pre Dly: Controls the amount of time between the dry signal and the audible onset of early reflections and the reverb tail</p> <p>Decay: Controls the duration of reverb time</p> <p>Low Damp/Hi Damp: Dampens the effect low/high frequency amount</p> <p>Mod: Controls the effect modulation amount</p>
Spring	This reverb model simulates the sound coming from a vintage tube driven spring reverb unit.	<p>Mix: Controls the wet/dry signal ratio</p> <p>Pre Dly: Controls the amount of time between the dry signal and the audible onset of early reflections and the reverb tail</p> <p>Decay: Controls the duration of reverb time</p> <p>Low Damp/Hi Damp: Dampens the effect low/high frequency amount</p> <p>Mod: Controls the effect modulation amount</p>
Shimmer	This reverb model creates a lush, shimmering reverb sound.	<p>Mix: Controls the wet/dry signal ratio</p> <p>Pre Dly: Controls the amount of time between the dry signal and the audible onset of early reflections and the reverb tail</p> <p>Decay: Controls the duration of reverb time</p> <p>Low Damp/Hi Damp: Dampens the effect low/high frequency amount</p> <p>Mod: Controls the effect modulation amount</p>
Cloud	This reverb model creates a huge, thick reverb effect like curly clouds in the sky.	<p>Mix: Controls the wet/dry signal ratio</p> <p>Pre Dly: Controls the amount of time between the dry signal and the audible onset of early reflections and the reverb tail</p> <p>Decay: Controls the duration of reverb time</p> <p>Low Damp/Hi Damp: Dampens the effect low/high frequency amount</p> <p>Mod: Controls the effect modulation amount</p>

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