No.	FX Name	Page 1			Page 2			Page 3	Description
		1	2	3	1	2	3	1	
					Dynamic				
1	Comprosso	Sustain	Output						Based on the legendary Ross™ Compressor
		0-100	0-100						
		Controls the compression amount	Controls the effect output volume						
2	Comparoma 4	Sustain	Attack	Output	Clipping				Based on the Keeley® C4 4-knob compressor*
		0-100	0-100	0-100	0-100				
		Controls the compression amount	Controls how soon the compressor starts to process the signal	Controls the effect output volume	Controls the input sensivity				
3	Blue Sustainer	Sustain	Attack	Output					Based on a legendary 3-knob VCA blue compressor/sustainer
		0-100	0-100	0-100					
		Controls the compression amount	Controls how soon the compressor starts to process the signal	Controls the effect output volume					
4	Squeezer	Threshold	Ratio	Output	Attack	Release	Tone		Flexible, fully adjustable compressor effect
		0-100	0-100	0-100	0-100	0-100	0-100		
		Controls the compression threshold	Controls the compression ratio	Controls the effect output volume	Controls how soon the compressor starts to process the signal	Controls how soon the compressor starts to release the signal level back to normal after the level drops below the threshold	Controls the effect tone brightness		
5	Affinity Boost	Gain	Volume	Bass	Treble				Based on famous Xotic® AC Booster* pedal
		0-100	0-100	0-100	0-100				
		Controls the gain amount	Controls the effect output volume	Controls the low frequency amount	Controls the high frequency amount				
6	Beefy Boost	Gain	Volume	Bass	Treble				Based on famous Xotic® BB Preamp* pedal
		0-100	0-100	0-100	0-100				
		Controls the gain amount	Controls the effect output volume	Controls the low frequency amount	Controls the high frequency amount				
7	Pristine Boost	Gain	Volume	Bass	Treble				Based famous on Xotic® RC Booster* pedal
		0-100	0-100	0-100	0-100				
		Controls the gain amount	Controls the effect output volume	Controls the low frequency amount	Controls the high frequency amount				
8	FET Boost	Bass	Treble	Volume	Low Cut				Based on legendary green clip-on FET Preamp
		0-100	0-100	0-100	Off/On				
		Controls the low frequency amount	Controls the high frequency amount	Controls the effect output volume	Switches the low cut (-6dB/oct @200Hz) filter on/off				
9	Enhancer	+3dB	Bright	Volume					Based on famous Xotic® EP Booster* pedal
		Off/On	Off/On	0-100					
		Switches min. boost amount from 0dB to +3dB	Switches extra brightness on/off	Controls the effect output volume					
					Frequency				
1	AC Sim	Body	Top	Volume	Mode				Acoustic guitar simulator designed for guitars
		0-100	0-100	0-100	Standard/Jumbo/Enhanced/Piezo				
		Controls the body resonance	Controls the upper harmonics	Controls the effect output	Switches from 4 modes: Standard: Simulates a standard acoustic guitar Jumbo: Simulates a jumbo acoustic guitar Enhanced: Simulates an acoustic guitar with enhanced attack Pirzo: Simulates the sound of a piezo pickup				
2	Dynamic Basso	Sens	Res	Decay					A special envelope filter (a.k.a. touch wah) designed for bassists, provides a natural, smooth sound full of analog feel
		0-100	0-100	0-100					
		Controls the sensitivity	Controls the filter resonance	Contols how fast the filter goes back to the resting point					
3	Toucher	Sens	Range	Q	Mix	Mode			A wide ranged envelope filter (a.k.a. touch wah) designed for guitarists and bassists that is touch-sensitive and flexible
		0-100	0-100	0-100	0-100	Guitar/Bass			
		Controls the sensitivity	Contols the filter center frequency range	Controls the filter Q	Controls the wet/dry signal ratio	Switches from guitar/bass modes			
4	Crier	Depth	Rate	Volume	Low	Q	High	Sync	Providing a variable auto wah effect for both guitars and basses
		0-100	0-100	0-100	0-100	0-100	0-100	Off/On	
		Controls the effect depth	Controls the effect speed	Controls the effect output	Controls the filter low frequency range	Controls the filter Q	Controls the filter high frequency range	Switches Tap Tempo sync on/off	
5	Voxy Wah	Range	Q	Volume					Based on legendary VOX® V846* wah pedal
		0-100	0-100	0-100					
		Controls the filter frequency range	Controls the filter Q	Controls the effect output					
6	Cry Wah	Range	Q	Volume					Based on legendary Dunlop® CryBaby®* wah pedal
		0-100	0-100	0-100					
		Controls the filter frequency range	Controls the filter Q	Controls the effect output					

Ampero FX List - FX1 (70)

Parameters & Range

No	Name	Param 1	Param 2	Param 3	Param 4	Param 5	Param 6	Description
7	Petrus Wah	Range / 0-100 / Controls the filter frequency range	Q / 0-100 / Controls the filter Q	Volume / 0-100 / Controls the effect output				Based on famous Dunlop® CryBaby® JP95∗ wah pedal
8	Soul Press	Range / 0-100 / Controls the filter frequency range	Q / 0-100 / Controls the filter Q	Volume / 0-100 / Controls the effect output				Based on Hotone Soul Press (WAH mode)
9	Bass Press	Range / 0-100 / Controls the filter frequency range	Q / 0-100 / Controls the filter Q	Volume / 0-100 / Controls the effect output				Based on Hotone Bass Press (WAH mode)
10	Clean Octa	Low Oct / 0-100 / Controls the lower octave volume	High Oct / 0-100 / Controls the higher octave volume	Dry / 0-100 / Contols the dry signal level				Provides polyphonic octave effect
11	Dirty Octa	Oct 1 / 0-100 / Controls the lower octave volume	Oct 2 / 0-100 / Controls the higher octave volume	Dry / 0-100 / Contols the dry signal level				Provides distorted polyphonic octave effect with distortion
12	Harmony	Hi Pitch / 0~+24 / Controls the lower pitch by half notes	Low Pitch / 0~-24 / Controls the higher pitch by half notes	Dry / 0-100 / Controls the dry singal level	Hi Volume / 0-100 / Controls the high pitch volume	Low Volume / 0-100 / Controls the low pitch volume		Polyphonic pitch shifter/harmonizer based on Hotone Harmony
13	Telephone Line	Noise / 0-100 / Controls the backgroud noise amount	Shake / 0-100 / Controls the sound vibration					Simulates vintage telephone effect
14	Satisfaction	Saturation / 0-100 / Controls the gain amount	Mix / 0-100 / Controls the wet/dry signal ratio	Output / 0-100 / Controls the effect output	High Cut / 0-100 / Controls the effect high cut amount			Vintage tape saturation simulater providing analog warmth and natural distortion
15	Path Filter	Step 1 / 0-100	Step 2 / 0-100	Step 3 / 0-100 — Controls filter center frequency of 4 filters (steps)	Step 4 / 0-100	Rate / 0-100 / Controls the effect speed	Sync / Off/On / Switches Tap Tempo sync on/off	A 4-step auto filter machine for creating synth-like sounds
16	Bit Krusher	Mix / 0-100 / Contols the wet/dry signal ratio	Krush / 0-100 / Controls the downsampling rate	Bit / 0-100 / Controls the bit depth	Hi Cut / 0-100 / Controls the high cut amnount	Lo Cut / 0-100 / Controls the low cut amount		Provides bitcrushing/sample reducing effect with musical fashion
17	Ring Mod	Mix / 0-100 / Contols the wet/dry signal ratio	Freq / 0-100 / Controls the modulation frequency	Fine / -50~0~+50 / Fine tune the modulation frequency by 1Hz	Tone / 0-100 / Controls the tone brightness			A ring modulator for creating intresting inharmonic frequency spectra (like bells and chimes)

Overdrive/Distortion

No	Name	Param 1	Param 2	Param 3	Param 4	Param 5	Param 6	Description
1	Green Drive	Gain / 0-100 / Controls the gain amount	Tone / 0-100 / Controls the tone brigntness	Volume / 0-100 / Controls the effect output volume				Based on legenary Ibanez® TS-808 Tube Screamer®∗ overdrive pedal
2	Yellow Drive	Gain / 0-100 / Controls the gain amount	Volume / 0-100 / Controls the effect output volume					Based on the legendary 2-knob yellow overdrive pedal with thick, cream like sound character, one of the earliest dirt pedals
3	Swarm Drive	Gain / 0-100 / Controls the gain amount	Tone / 0-100 / Controls the tone brightness	Volume / 0-100 / Controls the effect output volume				Based on Providence® SOV-2 Stampede OD∗ overdrive pedal, delivering natural overdrive tone without affecting the sound character of your guitar
4	Super Drive	Gain / 0-100 / Controls the gain amount	Tone / 0-100 / Controls the tone brightness	Volume / 0-100 / Controls the effect output volume				Based on the legendary 3-knob yellow overdrive pedal, reproducing the thick, warm sound produced by asymmetric overdrive circuitry
5	Screamood	Gain / 0-100 / Controls the gain amount	Tone / 0-100 / Controls the tone brightness	Volume / 0-100 / Controls the effect output volume	Fat / Off/On / Switches extra resonance on/off	Air / Off/On / Switch extra presence on/off		Classic overdrive Inspired by legendary TS-style overdrive served with its most enduring modification
6	Dr. Blues	Gain / 0-100 / Controls the gain amount	Tone / 0-100 / Controls the tone brightness	Volume / 0-100 / Controls the effect output volume				Based on an legendary 3-knob Blues overdrive pedal providing full-range overdriven sound, great for both guitars and basses
		Gain	Tone	Volume	Mode			

#	Name	Knob 1	Knob 2	Knob 3	Knob 4	Knob 5	Knob 6	Description
7	Force Drive	0-100	0-100	0-100	LP/HP			Based on legendary Fulltone® OCD®∗ V3 overdrive pedal
		Controls the gain amount	Controls the tone brightness	Controls the effect output volume	Selects from two sound characters: LP: Neutral mode with natural response HP: High Peak mode with more distortion			
8	Tube Clipper	Gain	Volume	Bass	Treble			Based on legendary B. K. Butler® Tube Driver®∗ real tube overdrive pedal
		0-100	0-100	0-100	0-100			
		Controls the gain amount	Controls the effect output volume	Controls the low frequency amount	Controls the high frequency amount			
9	Zen Garden	Gain	Tone	Volume	Voice			Based on legendary Hermida® Zendrive®∗ overdrive pedal
		0-100	0-100	0-100	0-100			
		Controls the gain amount	Controls the tone brightness	Controls the effect output volume	Controls the upper harmonics character			
10	Direct Touch	Gain	Tone	Volume	Harmonics			Based on Barber® Direct Drive∗ overdrive with flat and natrural response
		0-100	0-100	0-100	Off/On			
		Controls the gain amount	Controls the tone brightness	Controls the effect output volume	Switches extra harmonics on/off			
11	Big Pie	Sustain	Tone	Volume				Based on legendary Electro-Harmonix® Big Muff Pi®∗ fuzz/distortion pedal
		0-100	0-100	0-100				
		Controls the gain amount	Controls the tone brightness	Controls the effect output volume				
12	Face Fuzz	Fuzz	Volume					Based on legendary Dallas-Arbiter® Fuzz Face®∗ fuzz pedal
		0-100	0-100					
		Controls the gain amount	Controls the effect output volume					
13	Bend Fuzz	Fuzz	Volume					Based on legendary Sola Sound® Tone Bender® MkII∗ fuzz peal
		0-100	0-100					
		Controls the gain amount	Controls the effect output volume					
14	Black Tail	Gain	Filter	Volume				Based on legendary ProCo™ The Rat∗ distortion (early LM308 OP-amp version)
		0-100	0-100	0-100				
		Controls the gain amount	Conterclockwize controls the tone brigntness	Controls the effect output volume				
15	Plustortion	Gain	Volume					Based on MXR® M104 Distortion +∗, reproducing the legendary Germanium-powered soft dipping distortion
		0-100	0-100					
		Controls the gain amount	Controls the effect output volume					
16	Smooth Dist	Gain	Tone	Volume				Based on the legendary 3-knob orange distortion released in late 1970s
		0-100	0-100	0-100				
		Controls the gain amount	Controls the tone brightness	Controls the effect output volume				
17	Governor	Gain	Volume	Bass	Middle	Treble		Based on Marshall® Guv' Nor∗ distortion pedal
		0-100	0-100	0-100	0-100	0-100		
		Controls the gain amount	Controls the effect output volume	Controls the low frequency amount	Controls the mid frequency amount	Controls the high frequency amount		
18	Crunchist	Gain	Tone	Volume				Based on MI Audio® Crunch Box®∗ distortion peal, providing classic UK-style high gain stack sound
		0-100	0-100	0-100				
		Controls the gain amount	Controls the tone brightness	Controls the effect output volume				
19	Purple Plexi	Gain	Mode	Volume	Bass	Middle	Treble	Based on Wampler® Plexitortion∗ distortion pedal that inspired by UK Plexi-style amps
		0-100	Vintage/Modern	0-100	0-100	0-100	0-100	
		Controls the gain amount	Selects from two different sound characters: vintage/modern	Controls the effect output volume	Controls the low frequency amount	Controls the mid frequency amount	Controls the high frequency amount	
20	Panama Lead	Gain	Tone	Volume	Tight			A tight, thick, raw distortion inspired by the legendary "Brown Sound"
		0-100	0-100	0-100	0-100			
		Controls the gain amount	Controls the tone brightness	Controls the effect output volume	Controls the bottom resonance			
21	Bass Crusher	Gain	Blend	Volume	Bass	Treble		Based on a yellow bass overdrive pedal with wide tonal range
		0-100	0-100	0-100	0-100	0-100		
		Controls the gain amount	Controls the wet/dry signal ratio	Controls the effect output volume	Controls the low frequency amount	Controls the high frequency amount		
22	Solid Steel	Gain	Tone	Volume	Mode	Blend		A bass drive with rich, solid sound and flexible tonal range
		0-100	0-100	0-100	Normal/Scoop/Edge	0-100		
		Controls the gain amount	Controls the tone brightness	Controls the effect output volume	Selects from 3 different modes: Normal: Neutral mode Scoop: Mid-scooped mode Edge: A mode with boosted highs	Controls the wet/dry signal ratio		
	Modulation							
1	Aozora Chorus	Depth	Rate	Tone	Sync			Based on legendary Arion® SCH-1∗ stereo chorus pedal, producing classic 1980s chorus tone that loved by Eric Clapton and Michael Landau
		0-100	0-100	0-100	Off/On			
		Controls the chorus depth	Controls the chorus speed	Controls the tone brightness	Switches Tap Tempo sync on/off			
2	Grand Choruium	Depth	Rate	Volume	Sync			Based on the legendary huge ensemble chorus pedal born in late 1970s (chorus mode), producing rich, shimmering vintage analog chorus tone
		0-100	0-100	0-100	Off/On			
		Controls the chorus depth	Controls the chorus speed	Controls the output volume	Switches Tap Tempo sync on/off			

No.	Name								Description
3	Liquid C	Mode							Based on a legendary 4-button purple stereo chorus pedal, providing detailed rich chorus tone that expands sonic dimensions
		1/2/3/4							
		Selects from 4 sound characters							
4	Aquaria M	Mix	Rate	Filter	Depth L	Depth C	Depth R	Sync	A multi-dimensional chorus pedal producing rich surrounding chorus sound, better playing with stereo sound systems
		0-100	0-100	0-100	0-100	0-100	0-100	Off/On	
		Contols the wet/dry signal ratio	Controls the chrous speed	Controls the tone brightness	Controls the chorus depth of left channel	Controls the chorus depth of center channel	Controls the chorus depth of right channel	Switches Tap Tempo sync on/off	
5	Choruium B	Depth	Rate	E.Level	Sync				Based on the famous ensemble chorus unit tuned for bassists
		0-100	0-100	0-100	Off/On				
		Controls the chorus depth	Controls the chrous speed	Controls the effect output volume	Switches Tap Tempo sync on/off				
6	Detune	Range	Wet	Dry					Combines a slightly pitch shifted signal with original sound, producing chorus-like tone
		-50 Cents~+50Cents	0-100	0-100					
		Controls the detune amounts by 1 cent	Controls the effect output volume	Controls the dry signal level					
7	Jetter	Depth	Rate	Pre Delay	Feedback	Sync			Classsic flanging effect that is rich and natural
		0-100	0-100	0-100	0-100	Off/On			
		Controls the flanger depth	Controls the effect speed	Controls the pre delay time	Controls the feedback amount	Switches Tap Tempo sync on/off			
8	Jetter B	Depth	Rate	Pre Delay	Feedback	Sync			Classic flanging effect tuned for basses
		0-100	0-100	0-100	0-100	Off/On			
		Controls the flanger depth	Controls the effect speed	Controls the pre delay time	Controls the feedback amount	Switches Tap Tempo sync on/off			
9	Jetter N	Depth	Rate	Pre Delay	Feedback	Sync			A flanger with negative feedback, producing "underwater" style sound
		0-100	0-100	0-100	0-100	Off/On			
		Controls the flanger depth	Controls the effect speed	Controls the pre delay time	Controls the feedback amount	Switches Tap Tempo sync on/off			
10	Trem Jet	Flg Depth	Flg Rate	Feedback	Trm Depth	Trm Rate	Flg Sync	Trm Sync	Combines flanger and tremolo in one
		0-100	0-100	0-100	0-100	0-100	Off/On	Off/On	
		Controls the flanger depth	Controls the flanging speed	Controls the feedback amount	Controls the tremolo depth	Controls the tremolo speed	Switches flanger Tap Tempo sync on/off	Switches tremolo Tap Tempo sync on/off	
11	Pulser	Depth	Rate	Sync					Based on a BBD-based blue vibrato pedal, producing natural analog vibrato sound
		0-100	0-100	Off/On					
		Controls the vibraro depth	Controls the vibrato speed	Switches Tap Tempo sync on/off					
12	Grand Vibrato	Depth	Rate	E.Level	Sync				Based on the legendary huge ensemble chorus pedal born in late 1970s (vibrato mode), producing rich, shimmering vintage analog vibrato tone
		0-100	0-100	0-100	Off/On				
		Controls the vibrato depth	Controls the vibrato speed	Controls the output volume	Switches Tap Tempo sync on/off				
13	Shiver	Depth	Rate	Output	Sync				A classic vibrato effect with wide adjustable range
		0-100	0-100	0-100	Off/On				
		Controls the vibrato depth	Controls the vibrato speed	Controls the output volume	Switches Tap Tempo sync on/off				
14	Shiver T	Sens	Rate	Output	Sync				A special vibrato with touch-sensitive dynamic depth control
		0-100	0-100	0-100	Off/On				
		Counterclockwise controls the effect sensitivity	Controls the effect speed	Controls the output volume	Switches Tap Tempo sync on/off				
15	90 Phaser	Rate	Sync						Based on legendary MXR® M101 Phase 90*
		0-100	Off/On						
		Controls the phaser speed	Switches Tap Tempo sync on/off						
16	Green Phaser	Depth	Rate	Sync					Based on a legendary 2-knob green phaser with sharp sound character
		0-100	0-100	Off/On					
		Contols the phaser depth	Controls the phaser speed	Switches Tap Tempo sync on/off					
17	Twirl N	Depth	Rate	Level	Notch 1	Notch 2	Notch 3	Sync	A highly flexible phaser effect with 3 adjustable notch filters
		0-100	0-100	0-100	0-100	0-100	0-100	Off/On	
		Contols the phaser depth	Controls the phaser speed	Controls the output volume	Selects from two sound characters: LP: Neutral mode with natural response HP: High Peak mode with more distortion			Switches Tap Tempo sync on/off	
18	Twirl P	Phaser Depth	Phaser Rate	Pan Depth	Pan Rate	Phs Sync	Pan Sync		A special, subtle phaser combines tremolo/pan variations
		0-100	0-100	0-100	0-100	Off/On	Off/On		
		Controls the phaser depth	Controls the phaser speed	Controls the tremolo/pan depth	Controls the tremolo speed (mono) or panning speed (stereo)	Switches phaser Tap Tempo sync on/off	Switches tremolo/pan Tap Tempo sync on/off		
19	Minivibe	Depth	Rate	Sync					Based on Voodoo Lab® Micro Vibe*
		0-100	0-100	Off/On					
		Controls the effect depth	Controls the effect speed	Switches Tap Tempo sync on/off					
20	Revolver	Depth	Rate	Volume	Mode	Sync			Based on legendary Shin-ei® Uni-Vibe®*
		0-100	0-100	0-100	Chorus/Vibrato	Off/On			
		Controls the effect depth	Controls the effect speed	Controls the output volume	Selects from two sound characters: Chorus/Vibrato	Switches Tap Tempo sync on/off			
21	Helicopter	Depth	Rate	Sync					Based on legendary Demeter® TRM-1 Tremulator*, offering classical opto tremolo sound
		0-100	0-100	Off/On					
		Controls the tremolo depth	Controls the tremolo speed	Switches Tap Tempo sync on/off					
22	Custom Trem	Depth	Rate	Volume	Color	Shape	Bias	Sync	A custom tremolo with 4 different waveforms and super wide tonal range
		0-100	0-100	0-100	0-100	Sine/Triangle/Square/Sawtooth		Off/On	
		Controls the tremolo depth	Controls the tremolo speed	Controls the output volume	Controls the effect tone	Selects from sine/triangle/square/sawtooth tremolo waveforms	Controls the waveform offset amount	Switches Tap Tempo sync on/off	

No.	FX Name	Parameters & Range							Descristion
		Page 1			Page 2			Page 3	
		1	2	3	1	2	3	1	
		Overdrive/Distortion							
1	Green Drive	Gain	Tone	Volume					Based on legenary Ibanez® TS-808 Tube Screamer®∗ overdrive pedal
		0-100	0-100	0-100					
		Controls the gain amount	Controls the tone brigntness	Controls the effect output volume					
2	Yellow Drive	Gain	Volume						Based on the legendary 2-knob yellow overdrive pedal with thick, cream like sound character, one of the earliest dirt pedals
		0-100	0-100						
		Controls the gain amount	Controls the effect output volume						
3	Swarm Drive	Gain	Tone	Volume					Based on Providence® SOV-2 Stampede OD∗ overdrive pedal, delivering natural overdrive tone without affecting the sound character of your guitar
		0-100	0-100	0-100					
		Controls the gain amount	Controls the tone brightness	Controls the effect output volume					
4	Super Drive	Gain	Tone	Volume					Based on the legendary 3-knob yellow overdrive pedal, reproducing the thick, warm sound produced by asymmetric overdrive circuitry
		0-100	0-100	0-100					
		Controls the gain amount	Controls the tone brightness	Controls the effect output volume					
5	Screamood	Gain	Tone	Volume	Fat	Air			Classic overdrive Inspired by legendary TS-style overdrive served with its most enduring modification
		0-100	0-100	0-100	Off/On	Off/On			
		Controls the gain amount	Controls the tone brightness	Controls the effect output volume	Switches extra resonance on/off	Switch extra presence on/off			
6	Dr. Blues	Gain	Tone	Volume					Based on an legendary 3-knob Blues overdrive pedal providing full-range overdriven sound, great for both guitars and basses
		0-100	0-100	0-100					
		Controls the gain amount	Controls the tone brightness	Controls the effect output volume					
7	Force Drive	Gain	Tone	Volume	Mode				Based on legendary Fulltone® OCD®∗ V3 overdrive pedal
		0-100	0-100	0-100	LP/HP				
		Controls the gain amount	Controls the tone brightness	Controls the effect output volume	Selects from two sound characters: LP: Neutral mode with natural response HP: High Peak mode with more distortion				
8	Tube Clipper	Gain	Volume	Bass	Treble				Based on legendary B. K. Butler® Tube Driver®∗ real tube overdrive pedal
		0-100	0-100	0-100	0-100				
		Controls the gain amount	Controls the effect output volume	Controls the low frequency amount	Controls the high frequency amount				
9	Zen Garden	Gain	Tone	Volume	Voice				Based on legendary Hermida® Zendrive®∗ overdrive pedal
		0-100	0-100	0-100	0-100				
		Controls the gain amount	Controls the tone brightness	Controls the effect output volume	Controls the upper harmonics character				
10	Direct Touch	Gain	Tone	Volume	Harmonics				Based on Barber® Direct Drive∗ overdrive with flat and natrural response
		0-100	0-100	0-100	Off/On				
		Controls the gain amount	Controls the tone brightness	Controls the effect output volume	Switches extra harmonics on/off				
11	Big Pie	Sustain	Tone	Volume					Based on legendary Electro-Harmonix® Big Muff Pi®∗ fuzz/distortion pedal
		0-100	0-100	0-100					
		Controls the gain amount	Controls the tone brightness	Controls the effect output volume					
12	Face Fuzz	Fuzz	Volume						Based on legendary Dallas-Arbiter® Fuzz Face®∗ fuzz pedal
		0-100	0-100						
		Controls the gain amount	Controls the effect output volume						
13	Bend Fuzz	Fuzz	Volume						Based on legendary Sola Sound® Tone Bender® MkII∗ fuzz peal
		0-100	0-100						
		Controls the gain amount	Controls the effect output volume						
14	Black Tail	Gain	Filter	Volume					Based on legendary ProCo™ The Rat∗ distortion (early LM308 OP-amp version)
		0-100	0-100	0-100					
		Controls the gain amount	Conterdockwize controls the tone brigntness	Controls the effect output volume					
15	Plustortion	Gain	Volume						Based on MXR® M104 Distortion +∗ , reproducing the legendary Germanium-powered soft dipping distortion
		0-100	0-100						
		Controls the gain amount	Controls the effect output volume						
		Gain	Tone	Volume					
		0-100	0-100	0-100					

#	Name	Knob 1	Knob 2	Knob 3	Knob 4	Knob 5	Knob 6	Description
16	Smooth Dist	Controls the gain amount	Controls the tone brightness	Controls the effect output volume				Based on the legendary 3-knob orange distortion released in late 1970s
17	Governor	**Gain** / 0-100 / Controls the gain amount	**Volume** / 0-100 / Controls the effect output volume	**Bass** / 0-100 / Controls the low frequency amount	**Middle** / 0-100 / Controls the mid frequency amount	**Treble** / 0-100 / Controls the high frequency amount		Based on Marshall® Guv' Nor∗ distortion pedal
18	Crunchist	**Gain** / 0-100 / Controls the gain amount	**Tone** / 0-100 / Controls the tone brightness	**Volume** / 0-100 / Controls the effect output volume				Based on MI Audio® Crunch Box®∗ distortion peal, providing classic UK-style high gain stack sound
19	Purple Plexi	**Gain** / 0-100 / Controls the gain amount	**Mode** / Vintage/Modern / Selects from two different sound characters: vintage/modern	**Volume** / 0-100 / Controls the effect output volume	**Bass** / 0-100 / Controls the low frequency amount	**Middle** / 0-100 / Controls the mid frequency amount	**Treble** / 0-100 / Controls the high frequency amount	Based on Wampler® Plexitortion∗ distortion pedal that inspired by UK Plexi-style amps
20	Panama Lead	**Gain** / 0-100 / Controls the gain amount	**Tone** / 0-100 / Controls the tone brightness	**Volume** / 0-100 / Controls the effect output volume	**Tight** / 0-100 / Controls the bottom resonance			A tight, thick, raw distortion inspired by the legendary "Brown Sound"
21	Bass Crusher	**Gain** / 0-100 / Controls the gain amount	**Blend** / 0-100 / Controls the wet/dry signal ratio	**Volume** / 0-100 / Controls the effect output volume	**Bass** / 0-100 / Controls the low frequency amount	**Treble** / 0-100 / Controls the high frequency amount		Based on a yellow bass overdrive pedal with wide tonal range
22	Solid Steel	**Gain** / 0-100 / Controls the gain amount	**Tone** / 0-100 / Controls the tone brightness	**Volume** / 0-100 / Controls the effect output volume	**Mode** / Normal/Scoop/Edge / Selects from 3 different modes: Normal: Neutral mode Scoop: Mid-scooped mode Edge: A mode with boosted highs	**Blend** / 0-100 / Controls the wet/dry signal ratio		A bass drive with rich, solid sound and flexible tonal range

Dynamic

#	Name	Knob 1	Knob 2	Knob 3	Knob 4	Knob 5	Knob 6	Description
1	Comprosso	**Sustain** / 0-100 / Controls the compression amount	**Output** / 0-100 / Controls the effect output volume					Based on the legendary Ross™ Compressor
2	Comparoma 4	**Sustain** / 0-100 / Controls the compression amount	**Attack** / 0-100 / Controls how soon the compressor starts to process the signal	**Output** / 0-100 / Controls the effect output volume	**Clipping** / 0-100 / Controls the input sensivity			Based on the Keeley® C4 4-knob compressor∗
3	Blue Sustainer	**Sustain** / 0-100 / Controls the compression amount	**Attack** / 0-100 / Controls how soon the compressor starts to process the signal	**Output** / 0-100 / Controls the effect output volume				Based on a legendary 3-knob VCA blue compressor/sustainer
4	Squeezer	**Threshold** / 0-100 / Controls the compression threshold	**Ratio** / 0-100 / Controls the compression ratio	**Output** / 0-100 / Controls the effect output volume	**Attack** / 0-100 / Controls how soon the compressor starts to process the signal	**Release** / 0-100 / Controls how soon the compressor starts to release the signal level back to normal after the level drops below the threshold	**Tone** / 0-100 / Controls the effect tone brightness	Flexible, fully adjustable compressor effect
5	Affinity Boost	**Gain** / 0-100 / Controls the gain amount	**Volume** / 0-100 / Controls the effect output volume	**Bass** / 0-100 / Controls the low frequency amount	**Treble** / 0-100 / Controls the high frequency amount			Based on famous Xotic® AC Booster∗ pedal
6	Beefy Boost	**Gain** / 0-100 / Controls the gain amount	**Volume** / 0-100 / Controls the effect output volume	**Bass** / 0-100 / Controls the low frequency amount	**Treble** / 0-100 / Controls the high frequency amount			Based on famous Xotic® BB Preamp∗ pedal
7	Pristine Boost	**Gain** / 0-100 / Controls the gain amount	**Volume** / 0-100 / Controls the effect output volume	**Bass** / 0-100 / Controls the low frequency amount	**Treble** / 0-100 / Controls the high frequency amount			Based famous on Xotic® RC Booster∗ pedal
8	FET Boost	**Bass** / 0-100 / Controls the low frequency amount	**Treble** / 0-100 / Controls the high frequency amount	**Volume** / 0-100 / Controls the effect output volume	**Low Cut** / Off/On / Switches the low cut (-6dB/oct @200Hz) filter on/off			Based on legendary green clip-on FET Preamp
9	Enhancer	**+3dB** / Off/On / Switches min. boost amount from 0dB to +3dB	**Bright** / Off/On / Switches extra brightness on/off	**Volume** / 0-100 / Controls the effect output volume				Based on famous Xotic® EP Booster∗ pedal

Frequency

#	Name	Knob 1	Knob 2	Knob 3	Knob 4	Knob 5	Knob 6	Description
1	AC Sim	**Body** / 0-100 / Controls the body resonance	**Top** / 0-100 / Controls the upper harmonics	**Volume** / 0-100 / Controls the effect output	**Mode** / Standard/Jumbo/Enhanced/Piezo / Switches from 4 modes: Standard: Simulates a standard acoustic guitar Jumbo: Simulates a jumbo acoustic guitar Enhanced: Simulates an acoustic guitar with enhanced attack Pirzo: Simulates the sound of a piezo pickup			Acoustic guitar simulator designed for guitars

No.	Name	Knob 1	Knob 2	Knob 3	Knob 4	Knob 5	Knob 6	Knob 7	Description
2	Dynamic Basso	Sens / 0-100 / Controls the sensitivity	Res / 0-100 / Controls the filter resonance	Decay / 0-100 / Contols how fast the filter goes back to the resting point					A special envelope filter (a.k.a. touch wah) designed for bassists, provides a natural, smooth sound full of analog feel
3	Toucher	Sens / 0-100 / Controls the sensitivity	Range / 0-100 / Contols the filter center frequency range	Q / 0-100 / Controls the filter Q	Mix / 0-100 / Controls the wet/dry signal ratio	Mode / Guitar/Bass / Switches from guitar/bass modes			A wide ranged envelope filter (a.k.a. touch wah) designed for guitarists and bassists that is touch-sensitive and flexible
4	Crier	Depth / 0-100 / Controls the effect depth	Rate / 0-100 / Controls the effect speed	Volume / 0-100 / Controls the effect output	Low / 0-100 / Controls the filter low frequency range	Q / 0-100 / Controls the filter Q	High / 0-100 / Controls the filter high frequency range	Sync / Off/On / Switches Tap Tempo sync on/off	Providing a variable auto wah effect for both guitars and basses
5	Voxy Wah	Range / 0-100 / Controls the filter frequency range	Q / 0-100 / Controls the filter Q	Volume / 0-100 / Controls the effect output					Based on legendary VOX® V846* wah pedal
6	Cry Wah	Range / 0-100 / Controls the filter frequency range	Q / 0-100 / Controls the filter Q	Volume / 0-100 / Controls the effect output					Based on legendary Dunlop® CryBaby®* wah pedal
7	Petrus Wah	Range / 0-100 / Controls the filter frequency range	Q / 0-100 / Controls the filter Q	Volume / 0-100 / Controls the effect output					Based on famous Dunlop® CryBaby® JP95* wah pedal
8	Soul Press	Range / 0-100 / Controls the filter frequency range	Q / 0-100 / Controls the filter Q	Volume / 0-100 / Controls the effect output					Based on Hotone Soul Press (WAH mode)
9	Bass Press	Range / 0-100 / Controls the filter frequency range	Q / 0-100 / Controls the filter Q	Volume / 0-100 / Controls the effect output					Based on Hotone Bass Press (WAH mode)
10	Clean Octa	Low Oct / 0-100 / Controls the lower octave volume	High Oct / 0-100 / Controls the higher octave volume	Dry / 0-100 / Contols the dry signal level					Provides polyphonic octave effect
11	Dirty Octa	Oct 1 / 0-100 / Controls the lower octave volume	Oct 2 / 0-100 / Controls the higher octave volume	Dry / 0-100 / Contols the dry signal level					Provides distorted polyphonic octave effect with distortion
12	Harmony	Hi Pitch / 0~+24 / Controls the lower pitch by half notes	Low Pitch / 0~-24 / Controls the higher pitch by half notes	Dry / 0-100 / Controls the dry singal level	Hi Volume / 0-100 / Controls the high pitch volume	Low Volume / 0-100 / Controls the low pitch volume			Polyphonic pitch shifter/harmonizer based on Hotone Harmony
13	Telephone Line	Noise / 0-100 / Controls the backgroud noise amount	Shake / 0-100 / Controls the sound vibration						Simulates vintage telephone effect
14	Satisfaction	Saturation / 0-100 / Controls the gain amount	Mix / 0-100 / Controls the wet/dry signal ratio	Output / 0-100 / Controls the effect output	High Cut / 0-100 / Controls the effect high cut amount				Vintage tape saturation simulater providing analog warmth and natural distortion
15	Path Filter	Step 1 / 0-100	Step 2 / 0-100	Step 3 / 0-100	Step 4 / 0-100 — Controls filter center frequency of 4 filters (steps)	Rate / 0-100 / Controls the effect speed	Sync / Off/On / Switches Tap Tempo sync on/off		A 4-step auto filter machine for creating synth-like sounds
16	Bit Krusher	Mix / 0-100 / Contols the wet/dry signal ratio	Krush / 0-100 / Controls the downsampling rate	Bit / 0-100 / Controls the bit depth	Hi Cut / 0-100 / Controls the high cut amnount	Lo Cut / 0-100 / Controls the low cut amount			Provides bitcrushing/sample reducing effect with musical fashion
17	Ring Mod	Mix / 0-100 / Contols the wet/dry signal ratio	Freq / 0-100 / Controls the modulation frequency	Fine / -50~0~+50 / Fine tune the modulation frequency by 1Hz	Tone / 0-100 / Controls the tone brightness				A ring modulator for creating intresting inharmonic frequency spectra (like bells and chimes)

Modulation

No.	Name	Knob 1	Knob 2	Knob 3	Knob 4	Description
1	Aozora Chorus	Depth / 0-100 / Controls the chorus depth	Rate / 0-100 / Controls the chorus speed	Tone / 0-100 / Controls the tone brightness	Sync / Off/On / Switches Tap Tempo sync on/off	Based on legendary Arion® SCH-1* stereo chorus pedal, producing classic 1980s chorus tone that loved by Eric Clapton and Michael Landau
2	Grand Choruium	Depth / 0-100 / Controls the chorus depth	Rate / 0-100 / Controls the chorus speed	Volume / 0-100 / Controls the output volume	Sync / Off/On / Switches Tap Tempo sync on/off	Based on the legendary huge ensemble chorus pedal born in late 1970s (chorus mode), producing rich, shimmering vintage analog chorus tone

No	Name	Knob 1	Knob 2	Knob 3	Knob 4	Knob 5	Knob 6	Knob 7	Description
3	Liquid C	**Mode** / 1/2/3/4 / Selects from 4 sound characters							Based on a legendary 4-button purple stereo chorus pedal, providing detailed rich chorus tone that expands sonic dimensions
4	Aquaria M	**Mix** / 0-100 / Contols the wet/dry signal ratio	**Rate** / 0-100 / Controls the chrous speed	**Filter** / 0-100 / Controls the tone brightness	**Depth L** / 0-100 / Controls the chorus depth of left channel	**Depth C** / 0-100 / Controls the chorus depth of center channel	**Depth R** / 0-100 / Controls the chorus depth of right channel	**Sync** / Off/On / Switches Tap Tempo sync on/off	A multi-dimensional chorus pedal producing rich surrounding chorus sound, better playing with stereo sound systems
5	Choruium B	**Depth** / 0-100 / Controls the chorus depth	**Rate** / 0-100 / Controls the chrous speed	**E.Level** / 0-100 / Controls the effect output volume	**Sync** / Off/On / Switches Tap Tempo sync on/off				Based on the famous ensemble chorus unit tuned for bassists
6	Detune	**Range** / -50 Cents~+50Cents / Controls the detune amounts by 1 cent	**Wet** / 0-100 / Controls the effect output volume	**Dry** / 0-100 / Controls the dry signal level					Combines a slightly pitch shifted signal with original sound, producing chorus-like tone
7	Jetter	**Depth** / 0-100 / Controls the flanger depth	**Rate** / 0-100 / Controls the effect speed	**Pre Delay** / 0-100 / Controls the pre delay time	**Feedback** / 0-100 / Controls the feedback amount	**Sync** / Off/On / Switches Tap Tempo sync on/off			Classsic flanging effect that is rich and natural
8	Jetter B	**Depth** / 0-100 / Controls the flanger depth	**Rate** / 0-100 / Controls the effect speed	**Pre Delay** / 0-100 / Controls the pre delay time	**Feedback** / 0-100 / Controls the feedback amount	**Sync** / Off/On / Switches Tap Tempo sync on/off			Classic flanging effect tuned for basses
9	Jetter N	**Depth** / 0-100 / Controls the flanger depth	**Rate** / 0-100 / Controls the effect speed	**Pre Delay** / 0-100 / Controls the pre delay time	**Feedback** / 0-100 / Controls the feedback amount	**Sync** / Off/On / Switches Tap Tempo sync on/off			A flanger with negative feedback, producing "underwater" style sound
10	Trem Jet	**Flg Depth** / 0-100 / Controls the flanger depth	**Flg Rate** / 0-100 / Controls the flanging speed	**Feedback** / 0-100 / Controls the feedback amount	**Trm Depth** / 0-100 / Controls the tremolo depth	**Trm Rate** / 0-100 / Controls the tremolo speed	**Flg Sync** / Off/On / Switches flanger Tap Tempo sync on/off	**Trm Sync** / Off/On / Switches tremolo Tap Tempo sync on/off	Combines flanger and tremolo in one
11	Pulser	**Depth** / 0-100 / Controls the vibraro depth	**Rate** / 0-100 / Controls the vibrato speed	**Sync** / Off/On / Switches Tap Tempo sync on/off					Based on a BBD-based blue vibrato pedal, producing natural analog vibrato sound
12	Grand Vibrato	**Depth** / 0-100 / Controls the vibrato depth	**Rate** / 0-100 / Controls the vibrato speed	**E.Level** / 0-100 / Controls the output volume	**Sync** / Off/On / Switches Tap Tempo sync on/off				Based on the legendary huge ensemble chorus pedal born in late 1970s (vibrato mode), producing rich, shimmering vintage analog vibrato tone
13	Shiver	**Depth** / 0-100 / Controls the vibrato depth	**Rate** / 0-100 / Controls the vibrato speed	**Output** / 0-100 / Controls the output volume	**Sync** / Off/On / Switches Tap Tempo sync on/off				A classic vibrato effect with wide adjustable range
14	Shiver T	**Sens** / Counterclockwise controls the effect sensitivity	**Rate** / 0-100 / Controls the effect speed	**Output** / 0-100 / Controls the output volume	**Sync** / Off/On / Switches Tap Tempo sync on/off				A special vibrato with touch-sensitive dynamic depth control
15	90 Phaser	**Rate** / 0-100 / Controls the phaser speed	**Sync** / Off/On / Switches Tap Tempo sync on/off						Based on legendary MXR® M101 Phase 90*
16	Green Phaser	**Depth** / 0-100 / Contols the phaser depth	**Rate** / 0-100 / Controls the phaser speed	**Sync** / Off/On / Switches Tap Tempo sync on/off					Based on a legendary 2-knob green phaser with sharp sound character
17	Twirl N	**Depth** / 0-100 / Contols the phaser depth	**Rate** / 0-100 / Controls the phaser speed	**Level** / 0-100 / Controls the output volume	**Notch 1** / 0-100 / Selects from two sound characters: LP: Neutral mode with natural response HP: High Peak mode with more distortion	**Notch 2** / 0-100	**Notch 3** / 0-100	**Sync** / Off/On / Switches Tap Tempo sync on/off	A highly flexible phaser effect with 3 adjustable notch filters
18	Twirl P	**Phaser Depth** / 0-100 / Controls the phaser depth	**Phaser Rate** / 0-100 / Controls the phaser speed	**Pan Depth** / 0-100 / Controls the tremolo/pan depth	**Pan Rate** / 0-100 / Controls the tremolo speed (mono) or panning speed (stereo)	**Phs Sync** / Off/On / Switches phaser Tap Tempo sync on/off	**Pan Sync** / Off/On / Switches tremolo/pan Tap Tempo sync on/off		A special, subtle phaser combines tremolo/pan variations
19	Minivibe	**Depth** / 0-100 / Controls the effect depth	**Rate** / 0-100 / Controls the effect speed	**Sync** / Off/On / Switches Tap Tempo sync on/off					Based on Voodoo Lab® Micro Vibe*
20	Revolver	**Depth** / 0-100 / Controls the effect depth	**Rate** / 0-100 / Controls the effect speed	**Volume** / 0-100 / Controls the output volume	**Mode** / Chorus/Vibrato / Selects from two sound characters: Chorus/Vibrato	**Sync** / Off/On / Switches Tap Tempo sync on/off			Based on legendary Shin-ei® Uni-Vibe®*
21	Helicopter	**Depth** / 0-100 / Controls the tremolo depth	**Rate** / 0-100 / Controls the tremolo speed	**Sync** / Off/On / Switches Tap Tempo sync on/off					Based on legendary Demeter® TRM-1 Tremulator*, offering classical opto tremolo sound
22	Custom Trem	**Depth** / 0-100 / Controls the tremolo depth	**Rate** / 0-100 / Controls the tremolo speed	**Volume** / 0-100 / Controls the output volume	**Color** / 0-100 / Controls the effect tone	**Shape** / Sine/Triangle/Square/Sawtooth / Selects from sine/triangle/square/sawtooth tremolo waveforms	**Bias** / 0-100 / Controls the waveform offset amount	**Sync** / Off/On / Switches Tap Tempo sync on/off	A custom tremolo with 4 different waveforms and super wide tonal range

No.	FX Name	Parameters & Range							Descrition
		Page 1			Page 2			Page 3	
		1	2	3	1	2	3	1	
					Frequency				
1	Acoustic Refiner	Shape							Designed for acoustic instruments, bringing you a more natural "woody" acoustic sound
		0-100							
		Controls the detailed sound character							
2	AC Sim	Body	Top	Volume	Mode				Acoustic guitar simulator designed for guitars
		0-100	0-100	0-100	Standard/Jumbo/Enhanced/Piezo				
		Controls the body resonance	Controls the upper harmonics	Controls the effect output	Switches from 4 modes: Standard: Simulates a standard acoustic guitar Jumbo: Simulates a jumbo acoustic guitar Enhanced: Simulates an acoustic guitar with enhanced attack Pirzo: Simulates the sound of a piezo pickup				
3	Dynamic Basso	Sens	Res	Decay					A special envelope filter (a.k.a. touch wah) designed for bassists, provides a natural, smooth sound full of analog feel
		0-100	0-100	0-100					
		Controls the sensitivity	Controls the filter resonance	Contols how fast the filter goes back to the resting point					
4	Toucher	Sens	Range	Q	Mix	Mode			A wide ranged envelope filter (a.k.a. touch wah) designed for guitarists and bassists that is touch-sensitive and flexible
		0-100	0-100	0-100	0-100	Guitar/Bass			
		Controls the sensitivity	Contols the filter center frequency range	Controls the filter Q	Controls the wet/dry signal ratio	Switches from guitar/bass modes			
5	Crier	Depth	Rate	Volume	Low	Q	High	Sync	Providing a variable auto wah effect for both guitars and basses
		0-100	0-100	0-100	0-100	0-100	0-100	Off/On	
		Controls the effect depth	Controls the effect speed	Controls the effect output	Controls the filter low frequency range	Controls the filter Q	Controls the filter high frequency range	Switches Tap Tempo sync on/off	
6	Clean Octa	Low Oct	High Oct	Dry					Provides polyphonic octave effect
		0-100	0-100	0-100					
		Controls the lower octave volume	Controls the higher octave volume	Contols the dry signal level					
7	Dirty Octa	Oct 1	Oct 2	Dry					Provides distorted polyphonic octave effect with distortion
		0-100	0-100	0-100					
		Controls the lower octave volume	Controls the higher octave volume	Contols the dry signal level					
8	Harmony	Hi Pitch	Low Pitch	Dry	Hi Volume	Low Volume			Polyphonic pitch shifter/harmonizer based on Hotone Harmony
		0~+24	0~-24	0-100	0-100	0-100			
		Controls the lower pitch by half notes	Controls the higher pitch by half notes	Controls the dry singal level	Controls the high pitch volume	Controls the low pitch volume			
9	Telephone Line	Noise	Shake						Simulates vintage telephone effect
		0-100	0-100						
		Controls the backgroud noise amount	Controls the sound vibration						
10	Satisfaction	Saturation	Mix	Output	High Cut				Vintage tape saturation simulater providing analog warmth and natural distortion
		0-100	0-100	0-100	0-100				
		Controls the gain amount	Controls the wet/dry signal ratio	Controls the effect output	Controls the effect high cut amount				
11	Path Filter	Step 1	Step 2	Step 3	Step 4	Rate	Sync		A 4-step auto filter machine for creating synth-like sounds
		0-100	0-100	0-100	0-100	0-100	Off/On		
		Controls filter center frequency of 4 filters (steps)				Controls the effect speed	Switches Tap Tempo sync on/off		
12	Bit Krusher	Mix	Krush	Bit	Hi Cut	Lo Cut			Provides bitcrushing/sample reducing effect with musical fashion
		0-100	0-100	0-100	0-100	0-100			
		Contols the wet/dry signal ratio	Controls the downsampling rate	Controls the bit depth	Controls the high cut amnount	Controls the low cut amount			
13	Ring Mod	Mix	Freq	Fine	Tone				A ring modulator for creating intresting inharmonic frequency spectra (like bells and chimes)
		0-100	0-100	-50~0~+50	0-100				
		Contols the wet/dry signal ratio	Controls the modulation frequency	Fine tune the modulation frequency by 1Hz	Controls the tone brightness				
					Modulation				
1	Aozora Chorus	Depth	Rate	Tone	Sync				Based on legendary Arion® SCH-1* stereo chorus pedal, producing classic 1980s chorus tone that loved by Eric Clapton and Michael Landau
		0-100	0-100	0-100	Off/On				
		Controls the chorus depth	Controls the chorus speed	Controls the tone brightness	Switches Tap Tempo sync on/off				
2	Grand Choruium	Depth	Rate	Volume	Sync				Based on the legendary huge ensemble chorus pedal born in late 1970s (chorus mode), producing rich, shimmering vintage analog chorus tone
		0-100	0-100	0-100	Off/On				
		Controls the chorus depth	Controls the chorus speed	Controls the output volume	Switches Tap Tempo sync on/off				

No.	Name								Description
3	Liquid C	Mode							Based on a legendary 4-button purple stereo chorus pedal, providing detailed rich chorus tone that expands sonic dimensions
		1/2/3/4							
		Selects from 4 sound characters							
4	Aquaria M	Mix	Rate	Filter	Depth L	Depth C	Depth R	Sync	A multi-dimensional chorus pedal producing rich surrounding chorus sound, better playing with stereo sound systems
		0-100	0-100	0-100	0-100	0-100	0-100	Off/On	
		Contols the wet/dry signal ratio	Controls the chrous speed	Controls the tone brightness	Controls the chorus depth of left channel	Controls the chorus depth of center channel	Controls the chorus depth of right channel	Switches Tap Tempo sync on/off	
5	Choruium B	Depth	Rate	E.Level	Sync				Based on the famous ensemble chorus unit tuned for bassists
		0-100	0-100	0-100	Off/On				
		Controls the chorus depth	Controls the chrous speed	Controls the effect output volume	Switches Tap Tempo sync on/off				
6	Detune	Range	Wet	Dry					Combines a slightly pitch shifted signal with original sound, producing chorus-like tone
		-50 Cents~+50Cents	0-100	0-100					
		Controls the detune amounts by 1 cent	Controls the effect output volume	Controls the dry signal level					
7	Jetter	Depth	Rate	Pre Delay	Feedback	Sync			Classsic flanging effect that is rich and natural
		0-100	0-100	0-100	0-100	Off/On			
		Controls the flanger depth	Controls the effect speed	Controls the pre delay time	Controls the feedback amount	Switches Tap Tempo sync on/off			
8	Jetter B	Depth	Rate	Pre Delay	Feedback	Sync			Classic flanging effect tuned for basses
		0-100	0-100	0-100	0-100	Off/On			
		Controls the flanger depth	Controls the effect speed	Controls the pre delay time	Controls the feedback amount	Switches Tap Tempo sync on/off			
9	Jetter N	Depth	Rate	Pre Delay	Feedback	Sync			A flanger with negative feedback, producing "underwater" style sound
		0-100	0-100	0-100	0-100	Off/On			
		Controls the flanger depth	Controls the effect speed	Controls the pre delay time	Controls the feedback amount	Switches Tap Tempo sync on/off			
10	Trem Jet	Flg Depth	Flg Rate	Feedback	Trm Depth	Trm Rate	Flg Sync	Trm Sync	Combines flanger and tremolo in one
		0-100	0-100	0-100	0-100	0-100	Off/On	Off/On	
		Controls the flanger depth	Controls the flanging speed	Controls the feedback amount	Controls the tremolo depth	Controls the tremolo speed	Switches flanger Tap Tempo sync on/off	Switches tremolo Tap Tempo sync on/off	
11	Pulser	Depth	Rate	Sync					Based on a BBD-based blue vibrato pedal, producing natural analog vibrato sound
		0-100	0-100	Off/On					
		Controls the vibraro depth	Controls the vibrato speed	Switches Tap Tempo sync on/off					
12	Grand Vibrato	Depth	Rate	E.Level	Sync				Based on the legendary huge ensemble chorus pedal born in late 1970s (vibrato mode), producing rich, shimmering vintage analog vibrato tone
		0-100	0-100	0-100	Off/On				
		Controls the vibrato depth	Controls the vibrato speed	Controls the output volume	Switches Tap Tempo sync on/off				
13	Shiver	Depth	Rate	Output	Sync				A classic vibrato effect with wide adjustable range
		0-100	0-100	0-100	Off/On				
		Controls the vibrato depth	Controls the vibrato speed	Controls the output volume	Switches Tap Tempo sync on/off				
14	Shiver T	Sens	Rate	Output	Sync				A special vibrato with touch-sensitive dynamic depth control
		0-100	0-100	0-100	Off/On				
		Counterclockwise controls the effect sensitivity	Controls the effect speed	Controls the output volume	Switches Tap Tempo sync on/off				
15	90 Phaser	Rate	Sync						Based on legendary MXR® M101 Phase 90*
		0-100	Off/On						
		Controls the phaser speed	Switches Tap Tempo sync on/off						
16	Green Phaser	Depth	Rate	Sync					Based on a legendary 2-knob green phaser with sharp sound character
		0-100	0-100	Off/On					
		Contols the phaser depth	Controls the phaser speed	Switches Tap Tempo sync on/off					
17	Twirl N	Depth	Rate	Level	Notch 1	Notch 2	Notch 3	Sync	A highly flexible phaser effect with 3 adjustable notch filters
		0-100	0-100	0-100	0-100	0-100	0-100	Off/On	
		Contols the phaser depth	Controls the phaser speed	Controls the output volume	Selects from two sound characters: LP: Neutral mode with natural response HP: High Peak mode with more distortion			Switches Tap Tempo sync on/off	
18	Twirl P	Phaser Depth	Phaser Rate	Pan Depth	Pan Rate	Phs Sync	Pan Sync		A special, subtle phaser combines tremolo/pan variations
		0-100	0-100	0-100	0-100	Off/On	Off/On		
		Controls the phaser depth	Controls the phaser speed	Controls the tremolo/pan depth	Controls the tremolo speed (mono) or panning speed (stereo)	Switches phaser Tap Tempo sync on/off	Switches tremolo/pan Tap Tempo sync on/off		
19	Minivibe	Depth	Rate	Sync					Based on Voodoo Lab® Micro Vibe*
		0-100	0-100	Off/On					
		Controls the effect depth	Controls the effect speed	Switches Tap Tempo sync on/off					
20	Revolver	Depth	Rate	Volume	Mode	Sync			Based on legendary Shin-ei® Uni-Vibe®*
		0-100	0-100	0-100	Chorus/Vibrato	Off/On			
		Controls the effect depth	Controls the effect speed	Controls the output volume	Selects from two sound characters: Chorus/Vibrato	Switches Tap Tempo sync on/off			
21	Helicopter	Depth	Rate	Sync					Based on legendary Demeter® TRM-1 Tremulator*, offering classical opto tremolo sound
		0-100	0-100	Off/On					
		Controls the tremolo depth	Controls the tremolo speed	Switches Tap Tempo sync on/off					
22	Custom Trem	Depth	Rate	Volume	Color	Shape	Bias	Sync	A custom tremolo with 4 different waveforms and super wide tonal range
		0-100	0-100	0-100	0-100	Sine/Triangle/Square/Sawtooth	0-100	Off/On	
		Controls the tremolo depth	Controls the tremolo speed	Controls the output volume	Controls the effect tone	Selects from sine/triangle/square/sawtooth tremolo waveforms	Controls the waveform offset amount	Switches Tap Tempo sync on/off	

No.	FX Name	Parameters & Range						Description
		Page 1			Page 2			
		1	2	3	1	2	3	
		Clean						
1	Tweed Lux	Volume	Tone	Output				Based on Fender® Tweed Deluxe* (bright channel, 5E3 version)
		0-100	0-100	0-100				
		Controls the amp pre gain	Controls the tone brightness	Controls the amp output volume				
2	Baseman Norm	Volume	Presence	Output	Bass	Middle	Treble	Based on Fender® '59 Bassman®* (normal channel)
		0-100	0-100	0-100	0-100	0-100	0-100	
		Controls the amp pre gain	Controls the amp presence	Controls the amp output volume	Controls the amp low frequency response	Controls the amp mid frequency response	Controls the amp high frequency response	
3	Black Twin	Gain	Master	Bass	Middle	Treble		Based on Fender® '65 Twin Reverb®*
		0-100	0-100	0-100	0-100	0-100		
		Controls the amp pre gain	Controls the amp output volume	Controls the amp low frequency response	Controls the amp mid frequency response	Controls the amp high frequency response		
4	Voxy 30HW Norm	Volume	Tone Cut	Master	Bright			Based on VOX® AC30HW* (normal channel)
		0-100	0-100	0-100	Off/On			
		Controls the amp pre gain	Conterclockwise controls the tone brightness	Controls the amp output volume	Switches extra brightness on/off			
5	Superb Dual Clean	Volume	Tone					Based on Supro® Dual-Tone 1624T* (clean tone)
		0-100	0-100					
		Controls the amp output volume	Conterclockwise controls the tone brightness					
6 (7)	Jazz Clean	Volume	Bright	Bass	Middle	Treble		Based on the legendary "Jazz Chorus" solid state combo
		0-100	Off/On	0-100	0-100	0-100		
		Controls the amp output volume	Switches extra brightness on/off	Controls the amp low frequency response	Controls the amp mid frequency response	Controls the amp high frequency response		
7 (8)	Emperor Clean	Gain	Presence	Master	Bass	Middle	Treble	Based Matchless™ Chieftain 212 combo* (clean tone)
		0-100	0-100	0-100	0-100	0-100	0-100	
		Controls the amp pre gain	Controls the amp presence	Controls the amp output volume	Controls the amp low frequency response	Controls the amp mid frequency response	Controls the amp high frequency response	
8 (10)	Superstar Clean	Gain	Presence	Master	Bass	Middle	Treble	Based on Mesa/Boogie® Lone Star™ (CH1)
		0-100	0-100	0-100	0-100	0-100	0-100	
		Controls the amp pre gain	Controls the amp presence	Controls the amp output volume	Controls the amp low frequency response	Controls the amp mid frequency response	Controls the amp high frequency response	
9 (11)	Glacian Clean	Gain	Presence	Master	Bass	Treble		Based on Bogner ® Shiva* (20th Anniversary version, CH1)
		0-100	0-100	0-100	0-100	0-100		
		Controls the amp pre gain	Controls the amp presence	Controls the amp output volume	Controls the amp low frequency response	Controls the amp high frequency response		
10 (12)	Dr. 38 Clean	Gain	Tone Cut	Master	Bass	Middle	Treble	Based on Dr. Z® Maz 38 Sr.* combo (clean sound)
		0-100	0-100	0-100	0-100	0-100	0-100	
		Controls the amp pre gain	Conterclockwise controls the tone brightness	Controls the amp output volume	Controls the amp low frequency response	Controls the amp mid frequency response	Controls the amp high frequency response	
11 (13)	Pendragon Clean	Gain	Volume	Bass	Middle	Treble		Based on Grindrod® Pendragon PG20C* (Normal channel, bright off)
		0-100	0-100	0-100	0-100	0-100		
		Controls the amp pre gain	Controls the amp output volume	Controls the amp low frequency response	Controls the amp mid frequency response	Controls the amp high frequency response		
12 (14)	Pendragon Clean+	Gain	Volume	Bass	Middle	Treble		Based on Grindrod® Pendragon PG20C* (Normal channel, bright on)
		0-100	0-100	0-100	0-100	0-100		
		Controls the amp pre gain	Controls the amp output volume	Controls the amp low frequency response	Controls the amp mid frequency response	Controls the amp high frequency response		
13 (15)	Hot Kitty Clean	Gain	Presence	Master				Based on Bad Cat® Hot Cat 30* (clean channel)
		0-100	0-100	0-100				
		Controls the amp pre gain	Controls the amp presence	Controls the amp output volume				
14 (16)	Soloist 100 Clean	Gain	Presence	Master	Bass	Middle	Treble	Based on Soldano® SLO100* (normal channel, clean sound)
		0-100	0-100	0-100	0-100	0-100	0-100	
		Controls the amp pre gain	Controls the amp presence	Controls the amp output volume	Controls the amp low frequency response	Controls the amp mid frequency response	Controls the amp high frequency response	
		Drive						

#	Model							Based on
1	Baseman Bright	Volume	Presence	Output	Bass	Middle	Treble	Based on Fender® ' 59 Bassman®∗ (bright channel)
		0-100	0-100	0-100	0-100	0-100	0-100	
		Controls the amp pre gain	Controls the amp presence	Controls the amp output volume	Controls the amp low frequency response	Controls the amp mid frequency response	Controls the amp high frequency response	
2	Voxy 30HW TB	Volume	Tone Cut	Master	Bass	Treble	Char	Based on VOX® AC30HW∗ (Top Boost channel)
		0-100	0-100	0-100	0-100	0-100	Cool/Hot	
		Controls the amp pre gain	Conterclockwise controls the tone brightness	Controls the amp output volume	Controls the amp low frequency response	Controls the amp high frequency response	Selects from 2 gain ranges	
3	Superb Dual Drive	Volume 1	Tone 1	Volume 2	Tone 2			Based on the Supro® Dual-Tone 1624T∗ (CH1+2, dirty tone)
		0-100	0-100	0-100	0-100			
		Controls the output volume of CH1	Controls the tone brightness of CH1	Controls the output volume of CH2	Controls the tone brightness of CH2			
4	Emperor Drive	Gain	Presence	Master	Bass	Middle	Treble	Based on Matchless™ Chieftain 212 combo∗ (dirty tone)
		0-100	0-100	0-100	0-100	0-100	0-100	
		Controls the amp pre gain	Controls the amp presence	Controls the amp output volume	Controls the amp low frequency response	Controls the amp mid frequency response	Controls the amp high frequency response	
5	Dr. 38 Drive	Gain	Tone Cut	Master	Bass	Middle	Treble	Based on Dr. Z® Maz 38 Sr∗ combo (dirty tone)
		0-100	0-100	0-100	0-100	0-100	0-100	
		Controls the amp pre gain	Conterclockwise controls the tone brightness	Controls the amp output volume	Controls the amp low frequency response	Controls the amp mid frequency response	Controls the amp high frequency response	
6	Superstar Drive	Gain	Presence	Master	Bass	Middle	Treble	Based on Mesa/Boogie® Lone Star™ (CH2)
		0-100	0-100	0-100	0-100	0-100	0-100	
		Controls the amp pre gain	Controls the amp presence	Controls the amp output volume	Controls the amp low frequency response	Controls the amp mid frequency response	Controls the amp high frequency response	
7	Marshell 45	Volume	Presence	Output	Bass	Middle	Treble	Based on Marshall® JTM45∗ (normal channel)
		0-100	0-100	0-100	0-100	0-100	0-100	
		Controls the amp pre gain	Controls the amp presence	Controls the amp output volume	Controls the amp low frequency response	Controls the amp mid frequency response	Controls the amp high frequency response	
8	Marshell 45+	Volume	Presence	Output	Bass	Middle	Treble	Based on Marshall® JTM45∗ (High Treble channel)
		0-100	0-100	0-100	0-100	0-100	0-100	
		Controls the amp pre gain	Controls the amp presence	Controls the amp output volume	Controls the amp low frequency response	Controls the amp mid frequency response	Controls the amp high frequency response	
9	Marshell 45 Jump	Gain	Presence	Output	Bass	Middle	Treble	Based on Marshall® JTM45∗ ("Jump" connection)
		0-100	0-100	0-100	0-100	0-100	0-100	
		Controls the amp pre gain	Controls the amp presence	Controls the amp output volume	Controls the amp low frequency response	Controls the amp mid frequency response	Controls the amp high frequency response	
10	Marshell 50	Volume	Presence	Output	Bass	Middle	Treble	Based on Marshall® JTM50∗ (normal channel)
		0-100	0-100	0-100	0-100	0-100	0-100	
		Controls the amp pre gain	Controls the amp presence	Controls the amp output volume	Controls the amp low frequency response	Controls the amp mid frequency response	Controls the amp high frequency response	
11	Marshell 50+	Volume	Presence	Output	Bass	Middle	Treble	Based on Marshall® JTM50∗ (High Treble channel)
		0-100	0-100	0-100	0-100	0-100	0-100	
		Controls the amp pre gain	Controls the amp presence	Controls the amp output volume	Controls the amp low frequency response	Controls the amp mid frequency response	Controls the amp high frequency response	
12	Marshell 50 Jump	Gain	Presence	Output	Bass	Middle	Treble	Based on Marshall® JTM50∗ ("Jump" connection)
		0-100	0-100	0-100	0-100	0-100	0-100	
		Controls the amp pre gain	Controls the amp presence	Controls the amp output volume	Controls the amp low frequency response	Controls the amp mid frequency response	Controls the amp high frequency response	
13	Hot Kitty Drive	Gain	Presence	Master	Bass	Edge	Treble	Based on Bad Cat® Hot Cat 30∗ (drive channel)
		0-100	0-100	0-100	0-100	0-100	0-100	
		Controls the amp pre gain	Controls the amp presence	Controls the amp output volume	Controls the amp low frequency response	Controls the mid frequency character	Controls the amp high frequency response	
14	Messe IIC+ 1	Gain	Presence	Master	Bass	Middle	Treble	Based on Mesa/Boogie® Mark II C+™ (Lead channel) with 3 different onboard switch combinations
		0-100	0-100	0-100	0-100	0-100	0-100	
		Controls the amp pre gain	Controls the amp presence	Controls the amp output volume	Controls the amp low frequency response	Controls the amp mid frequency response	Controls the amp high frequency response	
15	Messe IIC+ 2	Gain	Presence	Master	Bass	Middle	Treble	
		0-100	0-100	0-100	0-100	0-100	0-100	
		Controls the amp pre gain	Controls the amp presence	Controls the amp output volume	Controls the amp low frequency response	Controls the amp mid frequency response	Controls the amp high frequency response	
		Gain	Presence	Master	Bass	Middle	Treble	

#	Name	Gain	Presence	Master	Bass	Middle	Treble	Notes
16	Messe IIC+ 3	0-100	0-100	0-100	0-100	0-100	0-100	
		Controls the amp pre gain	Controls the amp presence	Controls the amp output volume	Controls the amp low frequency response	Controls the amp mid frequency response	Controls the amp high frequency response	
17	Soloist 100 Crunch	Gain	Presence	Master	Bass	Middle	Treble	Based on Soldano® SLO100* (normal channel, dirty sound)
		0-100	0-100	0-100	0-100	0-100	0-100	
		Controls the amp pre gain	Controls the amp presence	Controls the amp output volume	Controls the amp low frequency response	Controls the amp mid frequency response	Controls the amp high frequency response	
18	Marshell 800	Gain	Presence	Master	Bass	Middle	Treble	Based on Marshall® JCM800*
		0-100	0-100	0-100	0-100	0-100	0-100	
		Controls the amp pre gain	Controls the amp presence	Controls the amp output volume	Controls the amp low frequency response	Controls the amp mid frequency response	Controls the amp high frequency response	
19	Pendragon Drive	Gain	Volume	Bass	Middle	Treble		Based on Grindrod® Pendragon PG20C* (Drive channel)
		0-100	0-100	0-100	0-100	0-100		
		Controls the amp pre gain	Controls the amp output volume	Controls the amp low frequency response	Controls the amp mid frequency response	Controls the amp high frequency response		
20	Fryman B1	Gain	Presence	Master	Bass	Middle	Treble	Based on the famous "Brown Eye" UK-style boutique amp head (BE channel) with 2 different onboard switch combinations
		0-100	0-100	0-100	0-100	0-100	0-100	
		Controls the amp pre gain	Controls the amp presence	Controls the amp output volume	Controls the amp low frequency response	Controls the amp mid frequency response	Controls the amp high frequency response	
21	Fryman B2	Gain	Presence	Master	Bass	Middle	Treble	
		0-100	0-100	0-100	0-100	0-100	0-100	
		Controls the amp pre gain	Controls the amp presence	Controls the amp output volume	Controls the amp low frequency response	Controls the amp mid frequency response	Controls the amp high frequency response	
22	Glacian Drive	Gain	Presence	Master	Bass	Middle	Treble	Based on Bogner ® Shiva* (20th Anniversary version, CH2)
		0-100	0-100	0-100	0-100	0-100	0-100	
		Controls the amp pre gain	Controls the amp presence	Controls the amp output volume	Controls the amp low frequency response	Controls the amp mid frequency response	Controls the amp high frequency response	
	HiGain							
1	Marshell 900	Gain	Presence	Master	Bass	Middle	Treble	Based on Marshall® JCM900* (Model 4100, channel B)
		0-100	0-100	0-100	0-100	0-100	0-100	
		Controls the amp pre gain	Controls the amp presence	Controls the amp output volume	Controls the amp low frequency response	Controls the amp mid frequency response	Controls the amp high frequency response	
2	Dizzle VH B	Gain	Presence	Master	Bass	Middle	Treble	Based on Diezel® VH4* (CH3, blue version)
		0-100	0-100	0-100	0-100	0-100	0-100	
		Controls the amp pre gain	Controls the amp presence	Controls the amp output volume	Controls the amp low frequency response	Controls the amp mid frequency response	Controls the amp high frequency response	
3	Dizzle VH S	Gain	Presence	Master	Bass	Middle	Treble	Based on Diezel® VH4* (CH3, silver version)
		0-100	0-100	0-100	0-100	0-100	0-100	
		Controls the amp pre gain	Controls the amp presence	Controls the amp output volume	Controls the amp low frequency response	Controls the amp mid frequency response	Controls the amp high frequency response	
4	Engle Saga 1	Gain	Presence	Master	Bass	Middle	Treble	Based on ENGL® Savage 120 E610* (CH4, contour off)
		0-100	0-100	0-100	0-100	0-100	0-100	
		Controls the amp pre gain	Controls the amp presence	Controls the amp output volume	Controls the amp low frequency response	Controls the amp mid frequency response	Controls the amp high frequency response	
5	Engle Saga 2	Gain	Presence	Master	Bass	Middle	Treble	Based on ENGL® Savage 120 E610* (CH4, contour on)
		0-100	0-100	0-100	0-100	0-100	0-100	
		Controls the amp pre gain	Controls the amp presence	Controls the amp output volume	Controls the amp low frequency response	Controls the amp mid frequency response	Controls the amp high frequency response	
6	Powerengle Lead	Gain	Presence	Master	Bass	Middle	Treble	Based on ENGL® Powerball II E645/2* (CH4)
		0-100	0-100	0-100	0-100	0-100	0-100	
		Controls the amp pre gain	Controls the amp presence	Controls the amp output volume	Controls the amp low frequency response	Controls the amp mid frequency response	Controls the amp high frequency response	
7	Fryman HB	Gain	Presence	Master	Bass	Middle	Treble	Based on the famous "Brown Eye" UK-style boutique amp head (HBE channel) with 2 different onboard switch combinations
		0-100	0-100	0-100	0-100	0-100	0-100	
		Controls the amp pre gain	Controls the amp presence	Controls the amp output volume	Controls the amp low frequency response	Controls the amp mid frequency response	Controls the amp high frequency response	
8	Fryman HB+	Gain	Presence	Master	Bass	Middle	Treble	
		0-100	0-100	0-100	0-100	0-100	0-100	
		Controls the amp pre gain	Controls the amp presence	Controls the amp output volume	Controls the amp low frequency response	Controls the amp mid frequency response	Controls the amp high frequency response	
9 (10)	Eddie 51	Gain	Presence	Master	Bass	Middle	Treble	Based on Peavey® 5150® (LEAD channel)
		0-100	0-100	0-100	0-100	0-100	0-100	

9 (10)	Eddie 51	Controls the amp pre gain	Controls the amp presence	Controls the amp output volume	Controls the amp low frequency response	Controls the amp mid frequency response	Controls the amp high frequency response	Based on Peavey® 5150® (LEAD channel)
10 (12)	Soloist 100 Lead	Gain	Presence	Master	Bass	Middle	Treble	Based on Soldano® SLO100* (overdrive channel)
		0-100	0-100	0-100	0-100	0-100	0-100	
		Controls the amp pre gain	Controls the amp presence	Controls the amp output volume	Controls the amp low frequency response	Controls the amp mid frequency response	Controls the amp high frequency response	
11 (13)	Messe IV Lead 1	Gain	Presence	Master	Bass	Middle	Treble	Based on Mesa/Boogie® Mark IV™ (Lead channel) with 3 different onboard switch combinations
		0-100	0-100	0-100	0-100	0-100	0-100	
		Controls the amp pre gain	Controls the amp presence	Controls the amp output volume	Controls the amp low frequency response	Controls the amp mid frequency response	Controls the amp high frequency response	
12 (14)	Messe IV Lead 2	Gain	Presence	Master	Bass	Middle	Treble	
		0-100	0-100	0-100	0-100	0-100	0-100	
		Controls the amp pre gain	Controls the amp presence	Controls the amp output volume	Controls the amp low frequency response	Controls the amp mid frequency response	Controls the amp high frequency response	
13 (15)	Messe IV Lead 3	Gain	Presence	Master	Bass	Middle	Treble	
		0-100	0-100	0-100	0-100	0-100	0-100	
		Controls the amp pre gain	Controls the amp presence	Controls the amp output volume	Controls the amp low frequency response	Controls the amp mid frequency response	Controls the amp high frequency response	
14 (16)	Tangerine R100	Gain	Master	Bass	Middle	Treble		Based on Orange® Rockerverb 100™* (Dirty channel)
		0-100	0-100	0-100	0-100	0-100		
		Controls the amp pre gain	Controls the amp output volume	Controls the amp low frequency response	Controls the amp mid frequency response	Controls the amp high frequency response		
15 (17)	Rector Dual V	Gain	Presence	Master	Bass	Middle	Treble	Based on Mesa/Boogie® Dual Rectifier® (CH3, vintage mode)
		0-100	0-100	0-100	0-100	0-100	0-100	
		Controls the amp pre gain	Controls the amp presence	Controls the amp output volume	Controls the amp low frequency response	Controls the amp mid frequency response	Controls the amp high frequency response	
16 (18)	Rector Dual M	Gain	Presence	Master	Bass	Middle	Treble	Based on Mesa/Boogie® Dual Rectifier® (CH3, modern mode)
		0-100	0-100	0-100	0-100	0-100	0-100	
		Controls the amp pre gain	Controls the amp presence	Controls the amp output volume	Controls the amp low frequency response	Controls the amp mid frequency response	Controls the amp high frequency response	
17 (19)	Dizzle VH+ B	Gain	Presence	Master	Bass	Middle	Treble	Based on Diezel® VH4* (CH4, blue version)
		0-100	0-100	0-100	0-100	0-100	0-100	
		Controls the amp pre gain	Controls the amp presence	Controls the amp output volume	Controls the amp low frequency response	Controls the amp mid frequency response	Controls the amp high frequency response	
18 (20)	Dizzle VH+ S	Gain	Presence	Master	Bass	Middle	Treble	Based on Diezel® VH4* (CH4, silver version)
		0-100	0-100	0-100	0-100	0-100	0-100	
		Controls the amp pre gain	Controls the amp presence	Controls the amp output volume	Controls the amp low frequency response	Controls the amp mid frequency response	Controls the amp high frequency response	
19 (21)	Boger XT Blue V	Gain	Presence	Master	Bass	Middle	Treble	Based on Bogner® Ecstasy* ("Blue" channel, Vintage mode)
		0-100	0-100	0-100	0-100	0-100	0-100	
		Controls the amp pre gain	Controls the amp presence	Controls the amp output volume	Controls the amp low frequency response	Controls the amp mid frequency response	Controls the amp high frequency response	
20 (22)	Boger XT Blue M	Gain	Presence	Master	Bass	Middle	Treble	Based on Bogner® Ecstasy* ("Blue" channel, Modern mode)
		0-100	0-100	0-100	0-100	0-100	0-100	
		Controls the amp pre gain	Controls the amp presence	Controls the amp output volume	Controls the amp low frequency response	Controls the amp mid frequency response	Controls the amp high frequency response	
21 (23)	Boger XT Red V	Gain	Presence	Master	Bass	Middle	Treble	Based on Bogner® Ecstasy* ("Red" channel, Vintage mode)
		0-100	0-100	0-100	0-100	0-100	0-100	
		Controls the amp pre gain	Controls the amp presence	Controls the amp output volume	Controls the amp low frequency response	Controls the amp mid frequency response	Controls the amp high frequency response	
22 (24)	Boger XT Red M	Gain	Presence	Master	Bass	Middle	Treble	Based on Bogner® Ecstasy* ("Red" channel, Modern mode)
		0-100	0-100	0-100	0-100	0-100	0-100	
		Controls the amp pre gain	Controls the amp presence	Controls the amp output volume	Controls the amp low frequency response	Controls the amp mid frequency response	Controls the amp high frequency response	
Bass								
1	Alchemy Pre	Volume	Bright	Bass	Middle	Treble		Based on Alembic™ F-2B* preamp
		0-100	Off/On	0-100	0-100	0-100		
		Controls the amp output volume	Switches extra brightness on/off	Controls the amp low frequency response	Controls the amp mid frequency response	Controls the amp high frequency response		
2	Ampage Classic	Gain	Bass	Middle	Midrange	Treble	Master	Based on Ampeg® SVT* bass amp
		0-100	0-100	0-100	220Hz/450Hz/800Hz/1.6kHz/3kHz	0-100	0-100	
		Controls the amp pre gain	Controls the amp low frequency response	Controls the amp mid frequency response	Selects from 5 mid frequency ranges	Controls the amp high frequency response	Controls the amp output volume	

#	Model	Param 1	Param 2	Param 3	Param 4	Param 5	Param 6	Notes
3	Ampage Flip	Volume	Bass	Treble				
		0-100	0-100	0-100				Based on Ampeg® B-15∗ "Flip Top"
		Controls the amp output volume	Controls the amp low frequency response	Controls the amp high frequency response				
4	Voxy Bass	Volume	Bass	Treble				
		0-100	0-100	0-100				Based on 1965 VOX®∗ AC-100∗ vintage bass amp
		Controls the amp output volume	Controls the amp low frequency response	Controls the amp high frequency response				
5	Messe Bass 400	Volume	Master	Bass	Middle	Treble		
		0-100	0-100	0-100	0-100	0-100		Based on Mesa/Boogie® Bass 400
		Controls the amp pre gain	Controls the amp output volume	Controls the amp low frequency response	Controls the amp mid frequency response	Controls the amp high frequency response		
Acoustic								
1	Acoustic Preamp 1	Volume	Tone	Balance	EQ Freq	EQ Q	EQ Gain	
		0-100	0-100	0-100	0-100	0-100	0-100	Based on AER® Colourizer 2∗ acoustic preamp with 2 different onboard switch combinations
		Controls the output volume	Controls the tone brightness	Controls the tone control balance; turn to 0 to disable tone control	Controls the EQ center frequency from 90Hz to 1.6kHz	Controls the EQ bandwidth	Controls the EQ boost/cut amount	
2	Acoustic Preamp 2	Volume	Tone	Balance	EQ Freq	EQ Q	EQ Gain	
		0-100	0-100	0-100	0-100	0-100	0-100	
		Controls the output volume	Controls the tone brightness	Controls the tone control balance; turn to 0 to disable tone control	Controls the EQ center frequency from 680Hz to 11kHz	Controls the EQ bandwidth	Controls the EQ boost/cut amount	

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Ampero FX List - EQ (7)

Parameters & Range

No.	FX Title	Page 1 (1)	Page 1 (2)	Page 1 (3)	Page 2 (1)	Page 2 (2)	Page 2 (3)	Page 3 (1)	Page 3 (2)	Page 3 (3)	Page 4 (1)	Page 4 (2)	Page 4 (3)	Page 5 (1)	Page 5 (2)	Page 5 (3)	Description
1	Guitar EQ 1	125Hz	400Hz	800Hz	1.6kHz	4kHz	Volume										Equalizer designed for guitars
		-50~0~+50	-50~0~+50	-50~0~+50	-50~0~+50	-50~0~+50	0-100										
		Boosts/cuts the frequency bands shown as above					Controls the output volume										
2	Guitar EQ 2	100Hz	500Hz	1kHz	3kHz	6kHz	Volume										
		-50~0~+50	-50~0~+50	-50~0~+50	-50~0~+50	-50~0~+50	0-100										
		Boosts/cuts the frequency bands shown as above					Controls the output volume										
3	Bass EQ 1	33Hz	150Hz	600Hz	2kHz	8kHz	Volume										Equalizer designed for basses
		-50~0~+50	-50~0~+50	-50~0~+50	-50~0~+50	-50~0~+50	0-100										
		Boosts/cuts the frequency bands shown as above					Controls the output volume										
4	Bass EQ 2	50Hz	120Hz	400Hz	800Hz	4.5kHz	Volume										
		-50~0~+50	-50~0~+50	-50~0~+50	-50~0~+50	-50~0~+50	0-100										
		Boosts/cuts the frequency bands shown as above					Controls the output volume										
5	Para EQ	Band 1	Q 1	Gain 1	Band 2	Q 2	Gain 2	Band 3	Q 3	Gain 3	Band 4	Q 4	Gain 4	Lo Shelf	Hi Shelf	Volume	4-band parametric EQ with low/high shelving filters suitable for any instrument
		50Hz-400Hz	0.1-10	-12dB~+12dB	200Hz-1kHz-1.1kHz-2kHz	0.1-10	-12dB~+12dB	1kHz-10kHz	0.1-10	-12dB~+12dB	5kHz-16kHz	0.1-10	-12dB~+12dB	-12dB~+12dB	-12dB~+12dB	0-100	
		Controls the band 1 center frequency	Controls the band 1 Q bandwidth	Boosts/cuts band 1 by ±12dB	Controls the band 2 center frequency	Controls the band 2 Q bandwidth	Boosts/cuts band 2 by ±12dB	Controls the band 3 center frequency	Controls the band 3 Q bandwidth	Boosts/cuts band 3 by ±12dB	Controls the band 4 center frequency	Controls the band 4 Q bandwidth	Boosts/cuts band 4 by ±12dB	Controls the low shelf filter boost/cut range by ±12dB	Controls the high shelf filter boost/cut range by ±12dB	Controls the output volume	
6	Graphic EQ	31Hz	63Hz	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	16kHz	Volume					10-band graphic EQ suitable for any instrument
		-12dB~+12dB	-12dB~+12dB	-12dB~+12dB	-12dB~+12dB	-12dB~+12dB	-12dB~+12dB	-12dB~+12dB	-12dB~+12dB	-12dB~+12dB	-12dB~+12dB	0-100					
		Boosts/cuts the frequency bands shown as above									Controls the output volume						
7	V-EQ	80Hz	240Hz	750Hz	2.2kHz	6.6kHz											Based on the 5-band EQ module on Mesa/Boogie®+ amps
		-50~0~+50	-50~0~+50	-50~0~+50	-50~0~+50	-50~0~+50											
		Boosts/cuts the frequency bands shown as above															

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No.	FX Title	Parameters & Range			Description
		Page 1			
		1	2	3	
1	Smart Gate	Threshold			Based on famous ISP® Decimator™* noise gate pedal
		0-100			
		Controls the noise gate threshold			
2	Fast Gate	Threshold	Mode		A 2-mode noise gate with fast response
		0-100	I/II		
		Controls the noise gate threshold	Selects from two modes: Mode I: resopnds faster Mode II: responds smoother		
3	Custom Gate	Threshold	Attack	Release	Flexible noise gate with attack and release control
		0-100	0-100	0-100	
		Controls the noise gate threshold	Controls how fast the noise gate start to process signal	Controls the noise gate release time when signal level reaches the threshold	

Ampero FX List - NR (3)
All effects in this module are also available in FX1 and FX2 modules

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No.	FX Title	Based on
Ampero FX List - CAB/IR (70)	

No.	FX Title	Based on
	All effects in this module (include user IRs) share the same parameters: Mic Type: Selects (or turn off) the different microphone simulations Volume: Controls the output volume Position X/Y/Z: Controls the mic mosition simulations; X/Y controls the microphone horizontal/vertical position, set X=Y=0 to set the microphone on axis; Z controls the distance between microphone and speaker cap	
	Factory Cabinets	
1	Super Zep 1x6	Supro®* 1x6" cabinet with oval speaker
2	Tweed Chap 1x8	Vintage Fender® Champ* 1x8" cabinet
3	Tweed Prince 1x10	Vintage Fender® Princeton* 1x10" cabinet
4	Black Lux 1x12	Vintage Fender® Deluxe* 1x12" cabinet
5	Black Vint 1x12	Vintage Fender® Vibrolux* 1x12" cabinet
6	Routine 1x12	Carr® Roamer* 1x12" cabinet
7	Glacian 1x12	Bogner® Shiva* 1x12" cabinet
8	Bad Kitty 1x12	Black Cat® Hot Cat* 1x12" cabinet
9	Voxy 1x12	Vintage VOX® AC15* 1x12" cabinet
10	Dark Star 1x12	Mesa/Boogie® Lonestar* 1x12" cabinet
11	Atom Open 1x12	Swart® Atomic Space* 1x12" cabinet
12	Tweed Lux 1x12	Fender® Tweed Deluxe* 1x12 cabinet
13	US Studio 1x12	1980's Mesa/Boogie®* 1x12" cabinet
14	Ace 20 1x12	Morgan® AC-20 Deluxe* 1x12 cabinet
15	UK G12M 1x12	Marshall®* 1x12" cabinet
16	Voxy 2x12	Vintage VOX® AC30* 2x12" cabinet
17	Emperor 2x12	Matchless® Chieftain* 2x12" cabinet
18	Jazz Twin 2x12	Legendary "Jazz Chorus" 2x12" cabinet
19	Black Twin 2x12	Vintage Fender® '65 Twin Reverb* 2x12" cabinet
20	UK Green 2x12	Marshall® 2550* 2x12" cabinet
21	Tweed Super 2x10	A custom Fender® Tweed* 2x10" cabinet
22	Boutique 2x12	A unique custom 2x12" cabinet
23	Baseman 2x12	Vintgae Fender® "Piggyback" Bassman®* 2x12" cabinet
24	Superb 2x12	Supro® 1624T* 2x12 cabinet"
25	Match Twin 2x12	Matchless®* 2x12" cabinet
26	Superstar 2x12	Mesa/Boogie® Lonestar* 2x12" cabinet
27	Freedom 2x12	Fryette® Deliverance* 2x12" cabinet
28	Black Custom 2x12	Custom modified Fender®* 2x12" cabinet
29	Twin Rock 2x12	Two-Rock®* 2x12" cabinet
30	Bluesky 2x12	A custom 2x12" cabinet with Celestion® Alnico Blue* speakers
31	Baseman 4x10	Fender® '59 Bassman®* 4x10" cabinet
32	UK Lead 4x12	Marshall® 1960AV* 4x12" cabinet
33	UK Trad 2x12	68 Marshall® Basketweave* 4x12" cabinet
34	UK Modern 4x12	Custom modified Marshall®* 4x12" cabinet
35	UK Green 4x12	Vintage Marshall® 4x12" cabinet with Celestion® Greenback®* speakers

36	Eddie 4x12	Peavey® 6505* 4x12" cabinet	
37	Rector 4x12	Mesa/Boogie® Rectifier®* 4x12" cabinet	
38	Boger 4x12	Bogner®* 4x12" cabinet	
39	Engle 4x12	ENGL®* 4x12" cabinet	
40	Urban 4x12	Bogner® Uberkab* 4x12" cabinet	
41	Soloist 4x12	Soldano®* 4x12" caninet	
42	Tang 4x12	Orange® PPC412* 4x12" cabinet	
43	Hiway 4x12	Vintage Hiwatt® SE4123* 4x12" cabinet	
44	UK Black 4x12	1968 Marshall®* 4x12" cabinet	
45	The Way 4x12	Vintage WEM® 4x12" cabinet	
46	Dumbell 4x12	Dumble®* 4x12" cabinet	
47	Dizzle 4x12	Diezel®* 4x12" cabinet	
48	Triple 4x12	Hughes & Kettner® Triamp* 4x12" cabinet	
49	UK T75 4x12	Marshall®* 4x12" cabinet with Celestion® G12T-75* speakers	
50	US King 4x12	Mesa/Boogie® Road King®* 4x12" cabinet	
51	Adam 1x15	David Eden®* 1x15" bass cabinet	
52	Worker 1x15	SWR®* 1x15" bass cabinet	
53	Flip Top 1x15	Ampeg® PF-115HE* 1x15" bass cabinet	
54	US Bass 2x10	Mesa/Boogie®* 2x10" bass cabinet	
55	Mark 2x10	Mark Bass®* 4x10" bass cabinet	
56	Adam 4x10	David Eden®* 4x10" bass cabinet	
57	Ampage 4x10	Ampeg® SVT-410HE* 4x10" bass cabinet	
58	Worker 4x10	SWR® Workingman's* 4x10" bass cabinet	
59	Hacker 4x12	Hartke®* 4x12" bass cabinet	
60	Ampage 8x10	Ampeg SVT-810E* 8x10" bass cabinet	
	Factory Acoustic Simulations		
61	Dreadnought 1	Dreadnought guitar simulation 1	
62	Dreadnought 2	Dreadnought guitar simulation 2	
63	Orchestal	Simulates an OM type acoustic guitar	
64	Jumbo	Simulates a jumbo acoustic guitar	
65	Hum Bird	Simulates the iconic "H-Bird" acoustic guitar	
66	Auditorium	Simulates a GA type acoustic guitar	
67	Classical	Simulates a classical guitar	
68	Mandolin	Simulates a mandolon	
69	Fretless Bass	Simulates a fretless acoustic bass	
70	Double Bass	Simulates a double bass	
	User IR		
71-80	User IR X	For loading 3rd party IR files	

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		Mic Type List	
No.	Name	Based On	Type
1	OFF	N/A	N/A

2	Dyn 57	Shure® SM57	Dynamic
3	Dyn 58	Shure® SM58	Dynamic
4	Dyn 421	Sennheiser® MD421	Dynamic
5	Dyn 16	Electro-Voice RE16	Dynamic
7	Dyn 112	AKG® D112	Dynamic
6	Dyn 609	Sennheiser® e609	Dynamic
11	Con U67	Neumann® U67	Condenser
8	Con 87A	Shure® Beta 87A	Condenser
9	Con U87	Neumann® U87	Condenser
10	Rib 121	Royal® R121	Ribbon

Ampero FX List - DLY (20)

No.	FX Name	Page 1 - 1	Page 1 - 2	Page 1 - 3	Page 2 - 1	Page 2 - 2	Page 2 - 3	Page 3 - 1	Page 3 - 2	Page 3 - 3	Description
1	Sweetie	Mix / 0-100 / Contols the wet/dry signal ratio	Feedback / 0-100 / Controls the feedback amount	Time / 20ms-4000ms / Controls the delay time	Sync / Off/On / Switches Tap Tempo sync on/off	Trail / Off/On / Switches effect trail on/off					Based on the legendary 3-knob BBD analog delay pedal with "REPEAT RATE" control
2	Recaller	Mix / 0-100 / Controls the wet/dry signal ratio	Feedback / 0-100 / Controls the feedback amount	Time / 20ms-4000ms / Controls the delay time	Sync / Off/On / Switches Tap Tempo sync on/off	Trail / Off/On / Switches effect trail on/off					Based on legendary Electro-Harmonix® Deluxe Memory Man®
3	Pure Eko	Mix / 0-100 / Controls the wet/dry signal ratio	Feedback / 0-100 / Controls the feedback amount	Time / 20ms-4000ms / Controls the delay time	Sync / Off/On / Switches Tap Tempo sync on/off	Trail / Off/On / Switches effect trail on/off					Produce pure, precised delay sound
4	Analog Eko	Mix / 0-100 / Controls the wet/dry signal ratio	Feedback / 0-100 / Controls the feedback amount	Time / 20ms-4000ms / Controls the delay time	Sync / Off/On / Switches Tap Tempo sync on/off	Trail / Off/On / Switches effect trail on/off					Produciing warm delay sound with analog feel
5	Ekopress 80	Mix / 0-100 / Controls the wet/dry signal ratio	Feedback / 0-100 / Controls the feedback amount	Time / 20ms-4000ms / Controls the delay time	Sync / Off/On / Switches Tap Tempo sync on/off	Trail / Off/On / Switches effect trail on/off					Based on Maxon® AD80 Analog Delay∗ (early MN3005 version) with great dynamics (due to 18V power supply) and slightly lo-fi'd repets
6	Mag Eko	Mix / 0-100 / Controls the wet/dry signal ratio	Feedback / 0-100 / Controls the feedback amount	Time / 20ms-4000ms / Controls the delay time	Sync / Off/On / Switches Tap Tempo sync on/off	Trail / Off/On / Switches effect trail on/off					Simulates solid-state tape echo sound
7	Tube Eko	Mix / 0-100 / Controls the wet/dry signal ratio	Feedback / 0-100 / Controls the feedback amount	Time / 20ms-4000ms / Controls the delay time	Sync / Off/On / Switches Tap Tempo sync on/off	Trail / Off/On / Switches effect trail on/off					Simulates tube-driven tape echo sound
8	Ekopress 900	Mix / 0-100 / Controls the wet/dry signal ratio	Feedback / 0-100 / Controls the feedback amount	Time / 20ms-4000ms / Controls the delay time	Sync / Off/On / Switches Tap Tempo sync on/off	Trail / Off/On / Switches effect trail on/off					Based on Maxon® AD900 Analog Delay∗, providing warm, accurate delay sound
9	Ekopress 999	Mix / 0-100 / Controls the wet/dry signal ratio	Feedback / 0-100 / Controls the feedback amount	Time / 20ms-4000ms / Controls the delay time	Sync / Off/On / Switches Tap Tempo sync on/off	Trail / Off/On / Switches effect trail on/off					Based on Maxon® AD999 Analog Delay∗ with slightly overdriven delay sound
10	Backmask	Mix / 0-100 / Controls the wet/dry signal ratio	Feedback / 0-100 / Controls the feedback amount	Time / 20ms-4000ms / Controls the delay time	Sync / Off/On / Switches Tap Tempo sync on/off	Trail / Off/On / Switches effect trail on/off					Producing a special delay effect with reversed feedback
11	Dual Eko	Mix A / 0-100 / Contols the delay A wet/dry signal ratio	FB A / 0-100 / Controls the feedback amount of delay A	Time A / 20ms-4000ms / Controls the delay time of delay A	Mix B / 0-100 / Contols the delay B wet/dry signal ratio	FB B / 20ms-4000ms / Controls the feedback amount of delay B	Time B / 20ms-4000ms / Controls the delay time of delay B	A Sync / Off/On / Switches delay A Tap Tempo sync on/off	B Sync / Off/On / Switches delay B Tap Tempo sync on/off	Trail / Off/On / Switches effect trail on/off	Producing a pure dual delay effect with separated L/R channel signal proessing
12	Ping Pong	Mix / 0-100 / Controls the wet/dry signal ratio	Feedback / 0-100 / Controls the feedback amount	Time / 20ms-4000ms / Controls the delay time	Sync / Off/On / Switches Tap Tempo sync on/off	Trail / Off/On / Switches effect trail on/off					A ping-pong delay producing stereo feedbadk bounces back and forth between left and right channels
13	Multi Head	Mix / 0-100 / Controls the wet/dry signal ratio	Feedback / 0-100 / Controls the feedback amount	Time / 20ms-4000ms / Controls the delay time	Tone / 1-12 / Controls the effect tone brightness	Mode / Selects from 12 different head variations	Sync / Off/On / Switches Tap Tempo sync on/off	Trail / Off/On / Switches effect trail on/off			A multi tap delay that simulates a huge 4-head tape echo machine
14	Slapback	Mix / 0-100 / Contols the wet/dry signal ratio	Feedback / 0-100 / Controls the feedback amount	Time / 20ms-300ms / Controls the delay time	Trail / Off/On / Switches effect trail on/off						Simulates the classic slapback echo effect
15	Vintage Rack	Mix / 0-100 / Controls the wet/dry signal ratio	Feedback / 0-100 / Controls the feedback amount	Time / 20ms-4000ms / Controls the delay time	Mod / 0-100 / Controls the modulation amount	Tone / 0-100 / Controls the modulation brightness	Sync / Off/On / Switches Tap Tempo sync on/off	Trail / Off/On / Switches effect trail on/off			Reproduces the sound of a vintage 1980's rack-mount delay machine with slightly sample-reduced feedback
16	Sweep Eko	Mix / 0-100 / Controls the wet/dry signal ratio	Feedback / 0-100 / Controls the feedback amount	Time / 20ms-4000ms / Controls the delay time	Sweep Depth / 0-100 / Controls the sweeping depth	Sweep Rate / 0-100 / Controls the sweeping speed	Swp Sync / Off/On / Switches sweeping Tap Tempo sync on/off	Time Sync / Off/On / Switches delay Tap Tempo sync on/off	Trail / Off/On / Switches effect trail on/off		Producing a delay effect with sweeping filter modulated repeats
17	Trem Eko	Mix / 0-100 / Contols the wet/dry signal ratio	Feedback / 0-100 / Controls the feedback amount	Time / 20ms-4000ms / Controls the delay time	Trem Depth / 0-100 / Controls the tremolo depth	Trem Rate / 0-100 / Controls	Trem Sync / Off/On / Switches tremolo Tap Tempo sync on/off	Time Sync / Off/On / Switches delay Tap Tempo sync on/off	Trail / Off/On / Switches effect trail on/off		Producing a delay effect with tremolo altered repeats
18	Lofi Eko	Mix / 0-100	Feedback / 0-100	Time / 20ms-4000ms	Bit / 0-100	Krush / 0-100	Sync / Off/On	Trail / Off/On			Producing a delay effect with lo-fi'd repeats

#	Name										Description
18	LoFi Eko	Contols the wet/dry signal ratio	Controls the feedback amount	Controls the delay time	Controls the effect bit depth	Controls the effect downsampling rate	Switches Tap Tempo sync on/off	Switches effect trail on/off			Producing a delay effect with lo-fi'd repeats
19	Ring Eko	Dly Mix	Feedback	Time	Ring Mix	Freq	Tone	Sync	Trail		Producing a delay effect with ring modulated repeats
		0-100	0-100	20ms-4000ms	0-100	0-100	0-100	Off/On	Off/On		
		Contols the delay wet/dry signal ratio	Controls the feedback amount	Controls the delay time	Contols the modulation wet/dry signal ratio	Controls the ring modulation frequency	Controls the ring modulation tone	Switches Tap Tempo sync on/off	Switches effect trail on/off		
20	Ekoverb	Dly Mix	Feedback	Time	Rvb Mix	Hi Cut	Decay	Sync	Trail		Combines delay and reverb in one
		0-100	0-100	20ms-4000ms	0-100	0-100	0-100	Off/On	Off/On		
		Contols the delay wet/dry signal ratio	Controls the feedback amount	Controls the delay time	Contols the reverb wet/dry signal ratio	Controls the reverb high cut amount	Controls the reverb decay time	Switches Tap Tempo sync on/off	Switches effect trail on/off		

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No.	FX Title	Parameters & Range						Description
		Page 1			Page 2			
		1	2	3	1	2	3	
1	Room	Mix / 0-100 / Controls the wet/dry signal ratio	Pre Delay / 0ms-100ms / Controls the pre delay time	Decay / 0-100 / Controls the reverb decay time	Trail / Off/On / Switches effect trail on/off			Simulates the spaciousness of a room
2	Hall	Mix / 0-100 / Controls the wet/dry signal ratio	Pre Delay / 0ms-100ms / Controls the pre delay time	Decay / 0-100 / Controls the reverb decay time	Trail / Off/On / Switches effect trail on/off			Simulates the spaciousness of a performance hall
3	Church	Mix / 0-100 / Controls the wet/dry signal ratio	Pre Delay / 0ms-100ms / Controls the pre delay time	Decay / 0-100 / Controls the reverb decay time	Trail / Off/On / Switches effect trail on/off			Simulates the spaciousness of a church
4	Plate	Mix / 0-100 / Controls the wet/dry signal ratio	Decay / 0-100 / Controls the reverb decay time	High Damp / 0-100 / Controls the high cut amount	Trail / Off/On / Switches effect trail on/off			Simulates the sound character produced by a vintage plate reverberator
5	Spring	Mix / 0-100 / Controls the wet/dry signal ratio	Decay / 0-100 / Controls the reverb decay time	Tone / 0-100 / Controls the effect tone brightness	Trail / Off/On / Switches effect trail on/off			Simulates the sound character produced by a vintage spring reverberator
6	Izumi	Mix / 0-100 / Controls the wet/dry signal ratio	Decay / 0-100 / Controls the reverb decay time	Trail / Off/On / Switches effect trail on/off				Special-tuned reverb effect with liquid-like decays and deep low ends
7	Northstar	Mix / 0-100 / Controls the wet/dry signal ratio	Decay / 0-100 / Controls the reverb decay time	Trail / Off/On / Switches effect trail on/off				Special-tuned reverb effect with lush, bright decays
8	Oceandeep	Mix / 0-100 / Controls the wet/dry signal ratio	Decay / 0-100 / Controls the reverb decay time	Trail / Off/On / Switches effect trail on/off				Special-tuned reverb effect with huge, deep decays
9	Sweet Space	Mix / 0-100 / Controls the wet/dry signal ratio	Pre Delay / 0ms-100ms / Controls the pre delay time	Decay / 0-100 / Controls the reverb decay time	Lo End / -50~0~+50 / Controls the effect low frequency amount	Hi End / -50~0~+50 / Controls the effect high frequency amount	Trail / Off/On / Switches effect trail on/off	Produces a modulated reverb effect that is lush and sweet
10	Shimmer	Mix / 0-100 / Controls the wet/dry signal ratio	Pre Delay / 0ms-100ms / Controls the pre delay time	Decay / 0-100 / Controls the reverb decay time	Lo End / -50~0~+50 / Controls the effect low frequency amount	Hi End / -50~0~+50 / Controls the effect high frequency amount	Trail / Off/On / Switches effect trail on/off	Produce a rich, shimmering reverb effect

Ampero FX List - RVB (10)

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