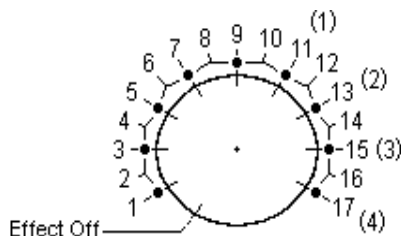


BEHRINGER X V-AMP
QUICK REFERENCE SHEETS

by Virgil Dugger

BEHRINGER X V-AMP

- Notes: 1. Keys/controls required for changing settings are shown in brackets [].
 2. Use this diagram to translate ADJUST Control settings to numbers. Numbers in parentheses apply to parameter 3 of Modulation Effects:



Basic Settings

Function	Keys/Controls and Other Requirements
Bypass/Tuner Mode	1. [▼ + ▲] to select. 2. [TAP + ADJUST] to transpose. 3. [▲] to exit.
Preset selection	[▲] or [▼]. Hold key down to scroll.
Amp/Speaker Simulation selection	[AMPS] for white list or [TAP + AMPS] for gray list. See Preset Settings.
Gain of preset (amp distortion level)	[ADJUST]. All keys must not be blinking.
Volume of preset	[TAP + ADJUST]. All keys must not be blinking.
Pedal Assignment (For Wah Wah, see Pre-amp Effects.)	1. [DELAY + REVERB]. 2. Modify parameter to be assigned (see Volume or Gain above or Modulation Effects, Delay Effects or Reverb below). 3. [DELAY + REVERB].
Save changes to preset	1. [STORE] quickly to make STORE blink. 2. [▲] or [▼] to select storage slot. 3. [STORE] longer than 2 seconds.
Discard unsaved changes to preset	[▲] or [▼] to select another preset.
Restore single factory preset	[TAP + STORE] longer than 2 seconds.
Restore all factory presets	[TAP + STORE] with X V-AMP off. With keys still depressed, apply power and wait for longer than 2 seconds before releasing them.

Global Configuration Settings

1. [NOISE G. + COMPR.]. 2. [NOISE G.] or [COMPR.] to select Operating Mode (see table below).
 3. [ADJUST] to set Volume. 4. [TAP + ADJUST] to set Input Gain. 5. [NOISE G. + COMPR.] to save and exit.

Operating Mode		Global EQ Setting		Operating Mode		Global EQ Setting	
Phones (w/all spkr. & amp simul.)	P1	Flat	(neutral EQ)	FX Only (w/o spkr. & amp simul.)	F1	Flat	(neutral EQ)
	P2	Loudness	(↑ bass, ↑ highs)		F2	Loudness	(↑ bass, ↑ highs)
	P3	Presence	(↑ upper mids, ↓ bass)		F3	Presence	(↑ upper mids, ↓ bass)
Amp + FX (w/o spkr. simul.)	A1	Flat	(neutral EQ)	Factory configuration settings: Op. Mode = P1, Vol. = 9, Input Gain = 9.			
	A2	Loudness	(↑ bass, ↑ highs)				
	A3	Presence	(↑ upper mids, ↓ bass)				

Preset Settings

Amp/Speaker Simulations	
White List [AMPS]	□ Gray List [TAP + AMPS] (2nd Function LED on after selection)
Classic Clean · Roland JC-120, brilliance, Buzzy Feiten	□ V-Amp Crunch · modern blues or jazz
British Plexi · '59 Marshall Plexi, clean sounds, Clapton	□ Brit Class A · Vox AC 130, enhanced brilliance
Brit Hi Gain · Marshall JCM 800, distorted sounds, Vaughan	□ Savage Beast · Engl Savage 120, heavy metal
Recto Hi Gain · '94 Mesa Boogie Dual Rectifier Trem-O-Verb	□ Modern Gain · Soldano Modern Hi Gain, Vai
Black Twin · '65 Fender Blackface Twin, jazz, country, rock	□ Ultimate Gain · souped-up rectifier amp
Tweed Combo · overdrive sound	□ Tweed Bass · Fender 4 x 10 Combo, blues
Screamer · Ibanez Tube Screamer TS808, overdrive lead	□ El Raton · ProCo Rat, 80's metal sound
Amp Bypass · effects with no amp simulation	□ Acoustic · steel strings, dynamic mic

Pre-amp Effects		
<u>Type</u>	<u>Parameter 1</u>	<u>Parameter 2</u>
Noise Gate 1. [NOISE G.]. 2. Set parameters. 3. [NOISE G.].	Threshold [ADJUST]	Release Time [TAP + ADJUST]
Compressor 1. [COMPR.]. 2. Set parameters. 3. [COMPR.].	Ratio [ADJUST]	Attack Time [TAP + ADJUST]
Wah Wah 1. [DELAY + REVERB]. 2. [Pedal]. 3. [DELAY + REVERB]. 4. [Pedal Switch] to switch on/off. (Wah Wah cannot be used simultaneously with Auto Wah, P-Funk'n or Pitch Bend.)		

EQ		
<u>Type</u>	<u>Parameter 1</u>	<u>Parameter 2</u>
Bass EQ 1. [COMPR. + MODUL.]. 2. Set parameters. 3. [COMPR. + MODUL.].	Low Frequency Level [ADJUST]	Range of Low Freq. Affected [TAP + ADJUST]
Presence 1. [MODUL. + DELAY]. 2. Set parameters. 3. [MODUL. + DELAY].	High Frequency Level [ADJUST]	Center Frequency of Filter [TAP + ADJUST]

Modulation Effects				
1. [MODUL.]. 2. [FX] for white list or [TAP + FX] for ◻ gray list (2nd Function LED on after selection). 3. Set parameters. 4. [MODUL.]. * Time between last two [TAP] presses sets modulation speed.				
<u>Type</u>	<u>Parameter 1</u> [ADJUST]	<u>Parameter 2</u> [TAP + ADJUST]	<u>Parameter 3 (Model No.)</u> [TAP + MODULE. + ADJUST]	<u>Param. 4</u> [TAP]
Auto Wah	Intensity	Filter Shift Speed	(1) thru (4): EHX MuTron III in up position	---
◻ P-Funk'n	Intensity	Filter Shift Speed	(1) thru (4): EHX MuTron III in down pos.	---
Rotary	Intensity	Modulation Sound	(1) thru (4): Modulation Sound	* Speed
◻ Pitch Bend	Mix	Interval	(1): Boss PS5. (2): T-Arm [Pedal Switch]. (3): Whammy [Pedal]. (4): Detune.	* Speed - (2) only
Phaser	Intensity	Resonance	(1): 4-level MXR Phase 90. (2): 8-level. (3): 10-level. (4): 12-level Boss PH2.	* Speed
◻ Tremolo	Intensity	Rate/Volume Ratio	(1): Fender. (2): Vox. (3): Gate. (4): Panning.	* Speed
Chorus	Intensity	Modulation Depth	(1) & (2): Tri Stereo Chorus. (3): Boss Chorus Ensemble CE-1. (4): Roland Dimension D.	* Speed
◻ Flanger	Intensity	Resonance (feedback to input)	(1): Boss BF-3 Ultra Flanger. (2): Boss BF-2. (3): MXR. (4): A/DA.	* Speed

Delay Effects			
1. [DELAY]. 2. [FX] for white list or [TAP + FX] for ◻ gray list (2nd Function LED on after selection). 3. Set parameters. 4. [DELAY]. * Time between last two [TAP] presses sets delay time.			
<u>Type</u>	<u>Parameter 1</u> [ADJUST]	<u>Parameter 2</u> [TAP + ADJUST]	<u>Parameter 3</u> * [TAP] in rhythm of music.
Stereo Delay	Mix	Feedback	Delay Time
◻ Long Echo	Mix	Feedback	Delay Time (50% longer than time between [TAP] presses)
Ping Pong	Mix	Feedback	Delay Time
◻ Slap Echo	Mix	Feedback	Delay Time (1/2 of time between [TAP] presses)

Reverb		
1. [REVERB]. 2. [FX] for white list or [TAP + FX] for ◻ gray list (2nd Function LED on after selection). 3. Set parameters. 4. [REVERB].		
<u>Type</u>	<u>Parameter 1</u> [ADJUST]	<u>Parameter 2</u> [TAP + ADJUST]
Reverb (Concert Hall)	Mix	Decay
◻ Spring	Mix	Decay
Cathedral	Mix	Decay
◻ Ambience (Room)	Mix	Decay

X V-AMP Expression Pedal Calibration

1. Place X V-AMP on a flat, stable surface and move the wide end of the Expression Pedal upward to the point where you want its upper limit of control to be (normally its highest position).
2. With no power connected to X V-AMP, press [DELAY + REVERB]. Then, with keys still depressed, apply power and watch the display. When "P" appears, release the keys. This should cause "PU" to appear indicating that the Pedal Upper limit of control has been set.
3. Smoothly push the Expression Pedal down as far as it will go without actuating the Pedal Switch. When "PL" appears in the display, briefly press [DELAY + REVERB] to return to normal operation. No other settings will be overwritten.