



Lexicon PCM80/81

Italo De Angelis Presets Library - Part 1

2011©

FX SOUNDWORKS



This collection of 40 presets is a powerful representation of the truly wonderful sonic capabilities of the Lexicon PCM80/81 units. I have explored all the basic algorithms, to provide great sounding FX solutions to the professional guitarist and to the fan who both love sounds and have a burning desire for top notch gear to work at its best.

You will find exceptional reverbs here, from large Halls to small Chambers, often post processed or enhanced by psycho-acoustic surround panning and dynamic tricks, where aspects of the effect will change according to your touch intensity.

Multivoice Chorus, rich Flangers, Delays to die for... dynamic (or ducked) ones, modulated, detuned, "glided", analog sounding, including the very sought after *diffusion* parameter Lexicon pioneered in the early '80s to give thick texture and smeared attacks to echo repetitions that has become a classic in many recordings in the last 30 years.

Unique Delay+Reverb pads for chords swells are also in this library.

And tuned drones, pads or arpeggios, using the spectacular Resonant Chords algorithms, combined with the best Lexicon reverbs.

Classic sounds heard in many records by the great Michael Landau, Steve Lukather, Michael Brook, Adrian Belew, David Torn, Mike Stern, John Abercrombie, Brian Eno, Allan Holdsworth, Bill Connors are available here.

Some historical sounds from previous Lexicon units, such as the PCM70, are reproduced too...in addition to a few very nice emulation of the best chorus units from TC Electronic and Dytronic's DynoMyPiano Tri Stereo Chorus.



A number of Multi-FX presets are offered, with MIDI on/off switching.

You will find just about anything you need for your sonic life in this library.

In fact you may just need to use these 40 presets only in the whole life of your PCM80/81.

Most presets are created with a custom Soft Row and Adjust knob function.

The Soft Row is a selection of up to 10 most important parameters you may need for “on the fly” tweaks. These are available by simply pressing the Edit key. The Adjust knob has one crucial parameter (or more) patched to it so that you can change a level, or a reverb decay or a chorus rate really quickly, without editing the preset.

Please refer to the User Manual to know more about these aspects.

All delays are always set to rhythmic subdivisions (1/4 note, 1/8 note triplets, etc.) rather than absolute time values (100 ms.). This will help you syncing your delays to songs tempos using the TAP key or patching a MIDI CC message or external footswitch to the Tap Tempo function.

Again, the user manual is your best friend for this too.

A request from the author...

Please do not distribute these presets you have purchased! Show respect for years of professional work and experience in the field. Let me support my family and keep these libraries' prices reasonable for everybody. Show respect for the money you've earned and invested in these soundworks.

Thank you for your purchase and understanding.

Presets Descriptions

TC CHORUS (Plate)

Nice emulation of warm and pristine TC chorusing, with some psycho acoustic tricks added, reminiscent of the TC1210 spatial expander.

ADJUST sets chorus rate.

EVEN STEVEN (Plate)

Beautiful chorus with a touch of Tap Tempo delay and a hint of reverb, both in the distance. Nice multi-FX for clean gtr work. The goal is John Abercrombie ECM records '80s sound.

ADJUST sets echo feedback.

ENO 224XL HALL (Concert Hall)

Trying to emulate the Lexicon 224 is a bitch! The Pcm80 has much higher sonic fidelity so the granular texture of the 224 is hard to get. Nevertheless this long hall dies losing low frequencies. Close to Brian Eno ambient sounds.

ECM Wide Hall (Concert Hall)

Getting close to the 480 Hall used in the famous german studio. This sounds great on any source. Try a clean guitar or use it on complex FX combinations in your rack.

ADJUST sets reverb decay.

FIVE STORKS (Chorus+Rvb)

Mike Landau's chorus/flanger/delays/verb as used in the Karizma "Forever In The Arms Of Love" record. A classic L.A. sound to die for. A rack in a box!

ADJUST adds reverb to the FX mix.

KING BELEW DYN (Chorus+Rvb)

A complex chorus/flanger whose panning rate is controlled by your input dynamics. Adrian old analog EH chorus is replicated here, with some added enhancements. The Rhino King is ON!

ADJUST adds reverb.

SWELL PAD2 (Chorus+Rev)

6 chorused delays, verb washes and psycho-acoustic surround panning create a swimming pool for your chords. Play nice voicings and get pads. No need for a volume pedal here.

ADJUST controls reverb decay.

WATERIZED (Plate)

Under water FX. Delays are wildly modulated and feed a huge reverb which sustains the fx. For less sustain reduce verb decay with Adjust knob.

ADJUST controls reverb decay.

LEADTHIK+AMB (Chorus+Rvb)

A fat, almost static chorused doubling with far delays and ambience. Great on lead tones for extra BIG sound! Holdsworth/Connors school.

BROOK 1/4 1/8 (Glide>Hall)

Modulated delays, actually glided! A set of stereo delays is passed thru 4 gliding ones.

Inspired by Michael Brook ambient recordings where rhythmic delays design spaces for guitar works. Really nice and unique. 1/4 note on left and an 1/8 note on the right channel. Use tap tempo to tune delays to your songs tempo.

ADJUST adds reverb.

DYNAMIC WORLD (Concert Hall)

Gliding delays into a hall reverb whose surround panning is controlled by your playing dynamics. Let the verb decay and you'll hear all sort of audio field changing in time. Only on PCM80! Try on long verb decays for some head spinning.

ADJUST controls reverb decay.

DYNSPACETREM (Chorus+Rev)

1/4 note stereo delays are tremolo_ed. Their levels are controlled by your playing dynamics, so you'll hear them more when you shut up! Nice space around you. Playing at sensitive levels is a beauty.

ADJUST adds reverb.

LARK's NEST (Res2>Plate)

One for the adventurous! Chromatic resonators are tuned to an Am11 arpeggio and dance in 6 different time subdivisions...into a BEEEG Plate verb. Tap Tempo sets rhythm and should match song tempo. Great for intros, outros or special fx. Jungle like!

Don't play notes thru this, just strum muted strings to get the best resonance.

A note on...NOTES!

This preset is set in the key of C, with root A. By changing the roots you'll get arpeggios in all diatonic chords of the key of C. Changing key and root will provide just about any chord or mode in all 12 keys!!! Experiment with this. Study the user manual for more info on this musical effect.

POWER PHLANGE (Chorus+Rvb)

A classic from the PCM70! Ported over the 80/81 platform, this flanger sounds so rich and inspiring that you'll give up analog flangers for it. Lexicon modulation is a secret! Enjoy this milestone.

POWER TRIO (Chorus+Rvb)

This sounds like 3 PCM70 and a mixer in a single preset! Power Phlange with added stereo tap tempo delay and a nice reverb.

Such is the multi-FX power of the Pcm80.

ADJUST controls reverb mix.

DUCK DLY & FX (Plate)

Ducked delay. You can add Glide chorus & Plate reverb. Use this preset when you always want ducked delays ON and the possibility to add chorus & verb to it. Use MIDI CCs to control single FX on/off switching.

CC#1: Chorus ON/OFF

CC#3: Reverb ON/OFF

All important parameters are in the Soft Row. Press EDIT to access it.

LANDAU PAD (Chorus+Rev)

This is as wet as it gets! 2 voice doubling + 2 voice flanger + 2 gliding chorusdelays into 4 rhythmic delays, into a huge reverb. Delays are tap tempo controlled. Modulation is really wild here. All most important parameters available in the Soft Row. Press EDIT to access it.

Great on chords swells, using your volume pedal. Nice on backing ballads too.

ADJUST adds reverb.

LANDAU PAD2 (Chorus+Rev)

Same structure as LANDAU PAD but with some tweaks:

- faster modulation rate

- shorter and softer reverb

- different rhythmic subdivisions for the 4 final delays

- diffusion added to delays

ADJUST adds reverb.

CYBER STRINGS (Res2>Plate)

Here chromatic resonators are tuned to a C6 add9 chord. The LFO sweeps the C root across different octaves and a majestic reverb is added to create a musically tuned atmosphere. You can change key and scale and other important parameters in the Soft Row. Press EDIT to access it.

Again, use only muted strings attack.

ADJUST chooses between a resonators chord or an arpeggio.

MERCURY LEAD (Inverse)

This needs you playing with loud and distorted tone!

Inverse reverb with a touch of delay. Feels a bit like David Torn's lead tone FX in his first ECM record, "Cloud About Mercury".

ADJUST selects 4 different reverb lengths.

RISING MONDO (Plate)

This Plate reverb breathes with your playing dynamics!

Level, detuning and psycho-acoustic surround imaging are all controlled by your touch on the instrument.

ADJUST controls reverb decay.

LEXICON DLY (Chorus+Rvb)

This is what you expect a Lexicon to sound like in delays land.

A fat stereo tap tempo delay, tuned to 1/4 note, is ducked, chorused and diffused. A touch of verb is added.

Tap your tempo and let the PCM do the wonders. All important parameters to adjust ducking sensitivity and other stuff are available in the Soft Row. Press EDIT to access it.

ADJUST adds reverb.

DYNO TSC (Glide>Hall)

Very good approximation to Dyno My Piano Tri Stereo Chorus. Classic L.A. sounds from the 1980s. Very sought after!

Glide delays are modulated by sine, cosine, sawtooth and triangle waves, providing a very animated, rich and unpredictable wavering.

ADJUST controls feedback and cross feedback amounts, for chorus/flangey shades.

TSC+DLY+VERB (Glide>Hall)

Your Dyno chorus with stereo tap tempo 1/4-1/8 notes delay and a big Hall reverb. Full blown rack! Delay and Verb have MIDI on/off switching.

CC#2: Delay ON/OFF

CC#3: Reverb ON/OFF

ADJUST controls feedback and cross feedback amounts, for chorus/flangey shades.

GLIDE X-DLYS (Glide>Hall)

Beautiful stereo tap tempo delays thru gliding detuning and diffusion. A classic Lexicon delay for when you really need that!

ADJUST controls delays level.

ANALOG DLYS (M-Band+Rvb)

Old style analog delays with added DIFFUSION. Shuffle feel. All important parameters in the Soft Row. Diffusion, delay times, feedback hi-cut & low-cut filters and feedback. Press EDIT to access it.

ADJUST controls delay levels.

6vCHORUS+DLY (Chorus+Rvb)

This is one of the best chorus effect you can hear in the whole audio industry!

4 voices are chorused in the traditional way (rate/depth) while 2 voices are glided in mirror pattern, providing a mix of different chorusing techniques for a gorgeous, rich, majestic modulation around you. It's so beautiful it doesn't need reverb at all.

One trick though! The ADJUST knob introduces thick DIFFUSION on the 6 chorused microdelays AND a spectacular diffused stereo delay that widens and spread your chorus all around. Just one click of the knob makes the song!

This is a super preset. Use it with moderation as it's very addictive.

ADJUST sets DIFFUSION and opens stereo delays.

MYSTIC HALL (Concert Hall)

Space is the place ! ! !

Lexicon reverb mythology. A pair of gliding delays post process a fantastic Hall reverb into a flangey space. 2 sets of stereo delays provide a sense of space and reflections in this immense reverberant environment, so that you don't lose reference to position in the real world. Modulated reverb goes beyond its definition with this post processed version of it.

Once you turn this on and play sparsely, letting it ring and suggest you the next notes...there's no coming back. Again, use with moderation or you'll be doomed to dwell in this endless and mystic place forever.

Access the vital parameters in the SOFT ROW, upon pressing EDIT.

ADJUST sets reverb decay.

DEEP 3D HALL (Glide>Hall)

You owe it to yourself. Play a clean guitar thru this...maybe a Strat on the neck pickup...play sparse and moody...gently use some vibrato bar. You'll hear the desert, the canyons... Listen thru headphones for the ultimate 3D feeling. The Lexicon 224 heritage shows up here. It's a dense field of delays feeding the Hall that creates the space and the depth on which the tail builds up in time. All vital parameters available in the Soft Row. Press EDIT to access it. DECAY controls reverb decay.

CLASSIC STRAT (Chamber)

Chamber reverb for a more intimate guitar space, enhanced by a few reflection delays. Thicker than Hall and rich in frequency content. All sort of things going on in the pre-reverb delays help generate a more natural ambience. Most important parameters are in the SOFT ROW. ADJUST controls reverb decay.

BLUES PLATE (Plate)

Colored bright verb for those overdriven leads. Plate is dense and small in size. You don't get much of a real environment. Mostly a fast & hard reflection with high frequencies content. SOFT ROW is always your best friend for custom mods. ADJUST controls reverb decay.

LEAD & THICK (Plate)

Tight microdelays into a Plate reverb and a 1/4 note delay added in the background. Voice Diffusion builds a wall for a screaming guitar. Reflections are thick and verb is middle-high colored. Great for articulate leads where you want every note to be clearly heard thru the effects. Sounds very nice even at longer reverb decay settings. SOFT ROW has a lot for you. Press EDIT to access it. ADJUST controls reverb decay.

ECHORUS 2 (Chorus+Rvb)

Updated version of the Pcm70 classic preset. 6 voice chorus with stereo delay. Diffusion thickens things a bit. Great on clean solos and chordal work. Sounds like Mike Stern stuff. Reduce Chorus Rate for heavy distorted lead solos. All important stuff in the SOFT ROW. ADJUST controls chorus rate.

DIFFUSED DLYS (M-Band+Rvb)

Lexicon diffused delays. So thick your solos will scream LOUD! 3 delays panned left and 3 to the right. All set to 2 delay times only, diffused and smeared. Your choice to add a nice reverb to them. Delays are Tap tempo controlled. MIDI CC#3: adds reverb ADJUST controls delays level.

PAN/CRCLDLY1 (Chorus+Rvb)

This is a cool one! It features two classic presets from the PCM70 V2.0, PAN DLYS and CIRCULAR DLYS, very sought after by many aficionados of Steve Lukather sounds. The PCM80 allows to "morph" from one to other and back...AND...I have added diffusion, reverb, chorus, modulation on the delay tails. Using 4 different MIDI CC messages you'll be able to morph between the 2 presets and add more effects to them. It's a very efficient multi FX for those classic L.A. sounds. Delays are now Tap Tempo controlled.

CC#4: morphs between PAN and CIRCULAR DLYS and adds Diffusion to the second.

CC#3: adds reverb

CC#1: adds stereo chorus

CC#6: adds modulation to the delays only.

PAN/CRCLDLY2 (M-Band+Rvb)

This version is based on the original algorithm, as in the PCM70... still it offers much more.

Morph between the 2 presets, delays are TAP TEMPO now, add DUCKING on the delays, add DIFFUSION for that classic Lexicon delay tone, add REVERB. SPILL-OVER is also implemented here. The SOFT ROW hosts a lot of useful parameters, including hi-cut and low-cut filters to shape the tone of the delays if desired.

CC#4: morphs between PAN and CIRCULAR DLYS.

CC#5: adds ducking on delays

CC#7: adds diffusion

CC#3: adds reverb

ADJUST controls master level for all the effects.

AQUA TAPS (Glide>Hall)

Vibrato on delays and reverb. This is unique! A diffused stereo delay runs thru 4 fast and wide gliding delays...then to a big Hall reverb. Delays are tap tempo controlled. It's so beautiful to play thru this preset.

SOFT ROW has a lot for custom tweaks.

BIG BANG (Glide>Hall)

A demon screaming in your amp! This is thick, LOUD, wild, scary....

Huge automatic triple tracking thru dense diffused field builds a wall of sound, being slowly phasey cross_feedback modulated. Reverb is then added after half a second, in a splash of wonder. Don't you dare playing wimpy clean gtr thru this one. Use a fat lead tone. Make every note count and last...and you'll hear why. I'm telling you! No prisoners here. Kids shouldn't be in the same room your PCM80/81 is.

SOFT ROW offers a lot to get wilder...

ADJUST controls master level for all effects.

SAILIN' FLANGE (Glide>Hall)

The beautiful Christopher Cross song smooth flanger, used on clean guitar open strings arpeggios. A stereo cross-fedback Tap Tempo delay is added. 4 gliding delays are modulated by Sine, Cosine, Sawtooth and Triangle waveforms to avoid predictable wavering patterns. Delays jump out. It's very smooth on clean guitar.

ADJUST controls master level for all effects.

TC2290 & VERB (Chorus+Rvb)

Dynamics at work! This beautiful chorused mono Tap Tempo delay pans across the stereo field. Your touch will make it pan faster at louder levels...letting it slow down in pauses. Your touch will also DUCK its level, reducing it at harder touches...then rise in pauses.

The whole thing happens against a nice reverb bed, gentle & majestic but unobtrusive.

The Pcm80/81 shines at one more task!

The SOFT ROW is your home for all tweaks.

ADJUST controls delay feedback.

If you have enjoyed these 40 soundworks of mine, please contact me and let me know your opinions and suggestions. They are very welcome. Hopefully the Pcm80/81 is your sonic friend now and you can start tweaking sounds using these presets as starting steps.

Good luck in your music life!

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