

CHANDLER LIMITED®

TG1 LIMITER

The Chandler Limited TG1 is a recreation of the classic EMI TG12413 Limiter used in custom EMI and Abbey Road recording and mastering consoles from the late '60s. These rare pieces were never commercially available, and only EMI owned studios had access to them. The TG1 Limiter was originally designed to be like the Fairchild 660/670 which was loved by many EMI engineers including Geoff Emerick, but it ended up with its own very special sound.

TG equipment was used on many classic records. The Limiter was featured on every channel of TG consoles used to record The Beatles "Abbey Road" and Pink Floyd "Dark Side of the Moon," in addition to albums by Paul McCartney and the Rolling Stones.

The Limiter/Compressor features an all discrete circuit with transformer balanced input and output. The limiting element is a rarely seen diode network that produces smooth, pleasing distortion. The warm open sound, often compared to a Fairchild 670 set to stun, is very audible and squishy sounding while maintaining its clarity and high frequency response.

Users-

Jack Joseph Puig
Michael Brauer (Cold Play)
Butch Vig (Garbage, Nirvana)
Andy Smith (Paul Simon)
Joe Barresi (Hole, Weezer)
Eddie Kramer (Hendrix, Zeppelin)
Spike Stent (U2, Oasis)
Ross Hogarth (Mellencamp, Jewel)
Michael Wagener (Ozzy, Metallica)

"The Chandler Limited TG1 seems to be from another age — plucked from a time capsule. . . . Adds a whole new quadrant to your sonic palette with many useful compression sounds and "way over the top" limiter effects... the most tube-sounding transistor compressor I've heard." - Barry Rudolph *'Mix Magazine'*

"When used across the drum room, the EMI inspired stereo compressor brings out an aggressive quality that I've not yet heard from any other compressor (and I've got 46 to play with). When used as a send, it brings out the punch and clarity of instruments without effecting the overall level of the stereo output. I love them, I can't wait for Wade to make the EMI inspired EQ's" - Michael Brauer

"The TG1 doesn't just paint a picture, it paints the whole town. From subtle compression to brutal squeeze, everything is in this box. It's vintage sound works great for any kind of digital recording and I won't ever want to mix without it again." - Michael Wagener

"The Chandler products are great. My favorite is the stereo limiter. When I first checked it out, I put it on a piano track that we were overdubbing. Literally, not one person walked in the room that didn't ask what was making that sound. After that day I bought a second one. It gives your tracks a memorable classic sound." - Andy Smith

"Two word review: Holy shit!...I would not track with any other compressor...it takes great music and makes it better." Mike Caffery *'Tape Op'*



THD - Allows bypassing the compressor / limiter threshold but leaves all the circuits in the signal path, turning the unit into a powerful Harmonic Distortion generator capable of kicking out more than 2% Total Harmonic Distortion.

Input - This control functions as input gain and threshold, like an 1176. Cranks this up and adjust the output to really hear it work.

Output - A 21-position switch set to 1dB steps giving +/-10dB of output adjustment for level matching, recallability, and accurate gain make up.

Comp / Limit - This switch selects between functions of the unit. The limiter has a classic pumping and breathing sound, while the compressor has a squishy sound that is less drastic and all its own.

Recovery- Attack in limit mode 8ms charging time; attack in compress mode 47ms charging time. Recovery in limit mode 0.05, 0.1, 0.25, 0.5, 1, & 2 seconds. Recovery in compress mode 0.25, 0.5, 1.2, 2.5, 5, & 10 seconds.