

# CHANDLER LIMITED

## TG12345 Curve Bender

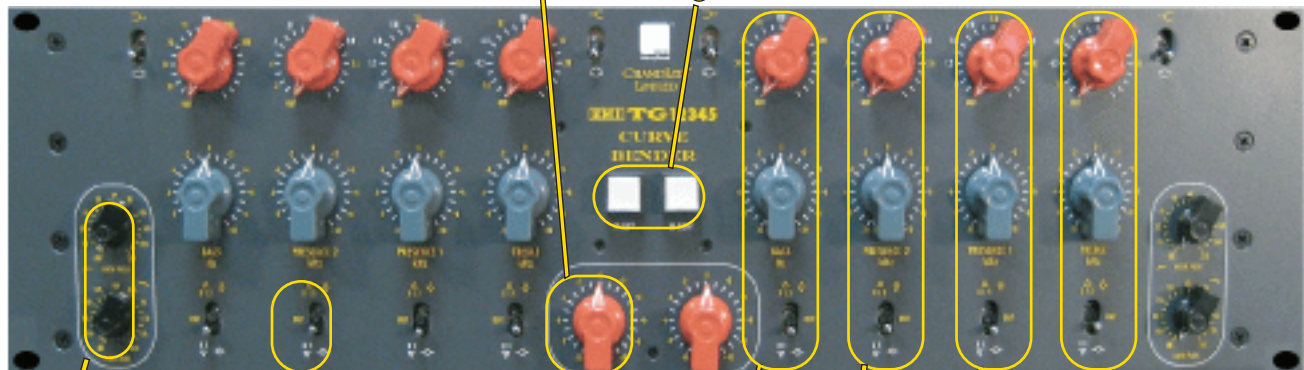
The EMI TG12345 Curve Bender is the ultimate TG equalizer issued in celebration of the 75th birthday of Abbey Road Studios. The Curve Bender was conceived by Chandler Limited designer Wade Goeke and Abbey Road Senior Engineer Peter Cobbin and is based on the vintage EMI TG12345 desk used to record The Beatles and Pink Floyd. This newest EMI equalizer continues the tradition of EMI EQs started in 1954 with the RS57, affectionately entitled the Curve Bender by EMI designers, the 1969 TG12345 and the 1974 TG12412. The newest version takes the simple but beautiful sounding TG12345 equalizer and realizes it in a full featured and rethought package for today's use.

During his mixing of numerous Beatles related projects including Anthology, Yellow Submarine and Imagine, Peter Cobbin thought of having a full featured and ultimately flexible version of the original desk EQ units. After Wade presented him with a working version of the famed console EQ, Pete set Wade to making his unit. Peter asked for four bands and filters based on the slopes of the original desk but with overlapping and expanded choices. Wade turned the nine selections of the vintage version into 51 EQ points plus a multiply switch that increases the boost/cut to 15db (as well as sharpening the Q), filters and bell/shelf selections on the high and low bands.

A simple equalizer from the rich past of EMI and Abbey Road has now come full circle into a modern powerhouse suitable for recording, mixing and mastering. The rest is NEW EMI/Abbey Road/Chandler Limited history.

21 position gain control with +/-10 of adjustment in 1db steps.

Full bypass leaves germanium line driver in circuit for use as line amp/coloration tool.



Multiply switch selects between 10 or 15db of control and changes Q, and also has a bypass select for each band.

High Pass - 20, 30, 40, 50, 60, 80, 100, 160, 200, and 320 Hz at a gentle 6db/octave.

Low Pass - 30, 20, 18, 14, 10, 8.1, 5, 3k and 2h at a gentle 6db/octave.

Bass - 35, 50, 70, 91, 150, 200, 300 Hz. Bell or shelf selection. +/-10 or +/-15 db boost and cut. +/-15 boost/cut also sharpens Q on bell curves. Individual bypass.

Presence 2 - .3, .5, .8, 1.2, 1.8, 2.8, 3.6 kHz. Bell curves at +/-10 or +/-15 db boost and cut. +/-15 boost/cut also sharpens Q on curves. Individual bypass.

Treble - 3.6, 4.2, 6.5, 8.1, 10, 12, 16, and 20 kHz. Bell or shelf selection. +/-10 or +/-15 db boost and cut. +/-15 boost/cut also sharpens Q on bell curves. Individual bypass.

Presence 1 - .8, 1.2, 1.8, 2.8, 3.6, 4.2, 6.5, 8.1 kHz. Bell curves at +/-10 or +/-15 db boost and cut. +/-15 boost/cut also sharpens Q on curves. Individual bypass of band.