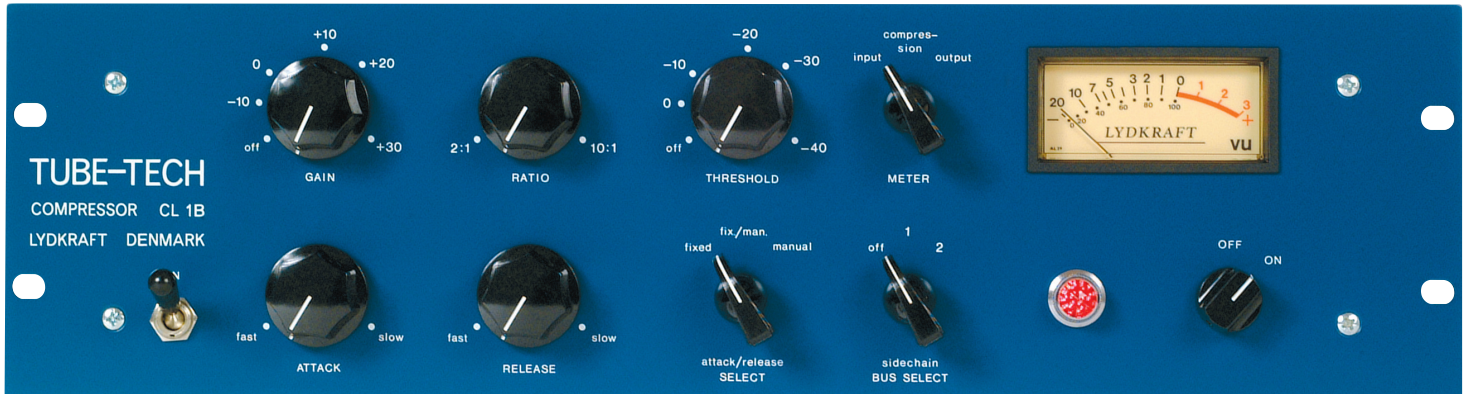


*with an unbeatable track record*



## CL 1B

Throughout the years and thousands of track recordings the CL 1B has proven its value by adding that sought-after vintage warmth and realism to the most demanding studio tracks.

The TUBE-TECH CL 1B Compressor is an all tube based compressor targeted at single-track studio recordings: It is equally suited for delicate vocal recordings as well as critical instrument recordings such as lead guitar, drums etc.

### Product Description

The TUBE-TECH CL 1B Compressor features a gain-reduction element, positioned immediately after the input transformer. It is controlled by the sidechain amplifier, which also contains the two time control circuits – one for fixed and one for variable Attack/Release.

The two time-controllers can either be used separately or combined. This circuit contains semiconductor OP-amps for the entire control.

The gain-reduction element is followed by a tube-based push-pull amplifier with variable gain up to 30 dB. A dedicated Bus selector with three positions (Off, Bus 1, Bus 2) is used whenever you want to link several compressors together.

Input and output transformers have a static-screen between the primary and secondary windings. Both Input and Output are balanced as well as fully floating.

### Product Features

- ▶ Unique low distortion gain-reduction element
- ▶ All tube-based push-pull amplifier
- ▶ Multiple interconnection of several compressors via two busses
- ▶ VU-meter for monitoring input, compression and output
- ▶ Continuously variable attack and release time
- ▶ Gain Range (off to +30 dB)
- ▶ Variable Threshold (off to -40 dB)
- ▶ Frequency response @ -3 dB: 5 Hz to 25 kHz
- ▶ Low noise: < -75 dBu @30 dB gain
- ▶ Clickless bypass switch

# CL 1B *technical specifications*



## Impedance

Input:	600 ohm
Output:	< 60 ohm

Frequency response @ -3 dB: 5 Hz to 25 kHz

## Distortion THD+N @ 40 Hz

	0 dBu	< 0,15 %
	+10 dBu	< 0,15 %
Max. output:	+26 dBu	< 1 %
Max. input:	+21 dBu	< 1 %

## Noise Rg=200 ohm

Output Gain @	OdB	+30 dB
22 Hz-22 kHz:	< -85 dBu	< -75 dBu
CCIR-468-4:	< -75 dBu	< -65 dBu

CMRR @ 10 kHz: < -60 dB

Gain: off to +30 dB

## Compressor

Ratio:	2:1 to 10:1
Threshold:	off to -40 dBu
Attack:	0,5 ms to 300 ms
Release:	0,05 s to 10 s

## Tubes

ECC 82	1 pc
ECC 83	1 pc

## Dimensions

Height: 3 units	132 mm	5,2"
Width:	483 mm	19,0"
Depth:	170 mm	6,7"

## Weight

Net:	4,1 kg	9,0 lbs.
Shipping:	5,9 kg	13,0 lbs.

## Power requirements

@ 115 V/230 V, 50-60 Hz:	22 W
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## Notes

All specifications @ R<sub>L</sub>=600 ohm  
Lydkraft reserves the right to alter specifications without prior notice

## Dealer