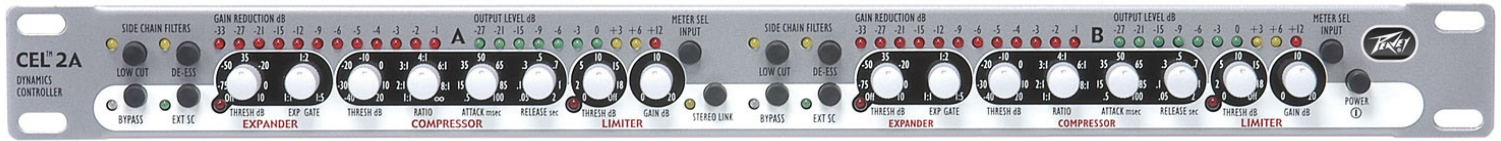


CEL™ - 2a



The CEL-2a Compressor/Expander/Limiter is designed for use in all live performance and recording applications, and can be incorporated as either two independent compressors or one synched stereo compressor with true RMS summing. Voltage-controlled amplifier and RMS-integrated circuits maintain low distortion and excellent noise performance.

Features:

- Stereo or dual mono operation
- Switchable low cut filter on each channel
- Switchable de-esser on each channel
- 1/4 inch TRS insert capability
- Fully adjustable compressor/limiter/expander
- Full gain reduction metering
- Input/Output switchable meters

Applications:

- Spoken Word
- Lead Vocal
- Background Vocal
- Keyboards
- Acoustic Guitar
- Electric Guitar
- Bass Guitar
- Kick Drum
- Recording

CEL™ - 2a

Control:

Expander Threshold:	-80 dBu to +10 dBu
Expander Ratio:	1:1 (off) to 1:5 (gate)
Expander Attack:	.5 mSec (fixed)
Expander Release:	200 mSec (fixed)
Compressor Threshold:	-40 dBu to +20 dBu
Compressor Ratio:	1:1 (off) to infinite:1 (limit)
Compressor Attack:	.5 mSec to 100 mSec
Compressor Release:	.05 sec to 2 sec
Limiter Threshold:	0 dBu to +20 dBu (off)
Limiter Attack:	.5 mSec (fixed)
Limiter Release:	50 mSec (fixed)
Gain Recovery:	0 dB to +20 dB

Input Impedance:	20k Ohms, XLR connector (1 = g, 2 = +, 3 = -), balanced 20k Ohms, TRS connector (Sleeve = g, Tip = +, Ring = -), balanced 10k Ohms, 1/4" connector (Tip = input, Ring = output), unbalanced
------------------	---

T.H.D.:	Less than 0.1%, 20 Hz–20 kHz (10 Hz–80 kHz BW)
---------	--

Signal to Noise:	97 dB (0 dBu reference level)
------------------	-------------------------------

Frequency Response:	20 Hz–64 kHz (+0 dB/-1 dB)
---------------------	----------------------------

Output Impedance:	100 ohms (XLR and 1/4")
-------------------	-------------------------

Meters:	Two 12-segment LED arrays, two 10-segment LED arrays, two activity LEDs
---------	---

Dimensions:	19" W x 9.25" D x 1.75" H (48.3cm W x 23.5cm D x 4.4cm H)
-------------	---

Weight:	7.2 lbs. (3.3 kg)
---------	-------------------

Power Requirements:	Domestic: 100–120 VAC 50/60 Hz (15 watts nominal); Export: 230 VAC 50/60 Hz (15 watts nominal)
---------------------	---

MADE IN THE UNITED STATES



Logo referenced in Directive 2002/96/EC Annex IV
(OJ(L)37/38, 13.02.03 and defined in EN 50419: 2005
The bar is the symbol for marking of new waste and
is applied only to equipment manufactured after
13 August 2005



Commercial Audio

CEL-2a - Pg. 2

Features and specifications subject to change without notice.

Peavey Electronics Corporation
5022 Hartley Peavey Drive
Meridian, MS 39305
(601) 483-5365 • FAX (601) 486-1278 • www.peavey.com

PRINTED IN THE U.S.A

05/2011