

PASSIONATE ABOUT SOUND



dBC-8

EIGHT CHANNEL COMPRESSOR/LIMITER

TECHNICAL SPECIFICATIONS

LINE INPUTS: Balanced high impedance line level input, 10kOhms, On 1/4" TRS jack connector.

MAXIMUM INPUT LEVEL: +20dB

LINE OUTPUTS: Electronically balanced low impedance outputs, < 60 Ohms

MAXIMUM OUTPUT LEVEL: +20dB into 600 Ohms

OUTPUT NOISE: <90dBu, 22Hz - 22kHz,

THRESHOLD: continuously variable between -30dB and 10dB

RATIO: continuously variable 1:1 to >20:1 (limit)

ATTACK: continuously variable 5mS to 0.5 S

RELEASE: continuously variable 50mS to 3 S

CROSSTALK: Better than 80dB

THD: @ 0dB < 0,05%, 20Hz - 20kHz

FREQUENCY RESPONSE: +/- 0,5 dB, 20Hz - 20kHz

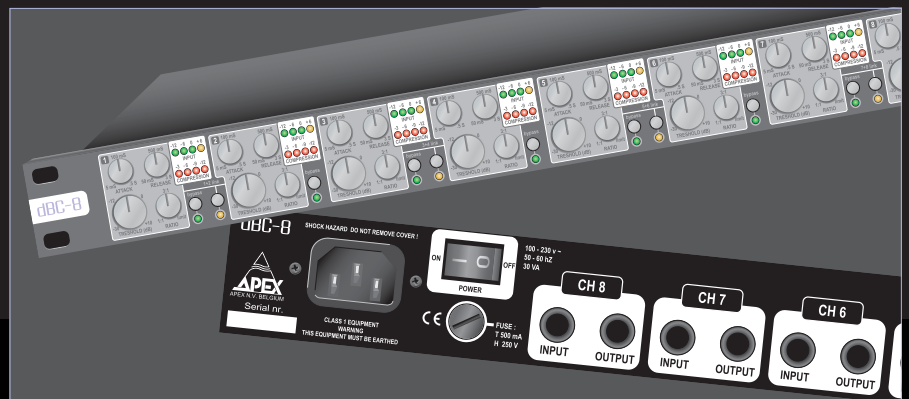
METERING: Input level meter, gain reduction meter

POWER SUPPLY: Auto-detect 110/230V - 50/60Hz, switching power supply, power switch and fuse on the back panel

DIMENSION (H X W X D): 1U rack Case x 483mm (19inch) x 44mm (1.75inch)

WEIGHT: 2Kgs

Today's requirements for Sound Reinforcement have altered drastically. The need to save valuable rackspace has become more and more obvious. Compact Sound Reinforcement kits which do not need a lot of truck-space and can be set up quickly are becoming very popular. On the other hand, loudspeakers (e.g.: line-arrays), amplifiers and digital mixing consoles have now achieved a level where the quality of the FX gear is also becoming obvious. Apex is proud to propose two new products in its dB-range which are addressing all these needs. Both offer outstanding quality with comprehensive features in an extremely compact package.



dBC-8: Eight Channel Compressor/Limiter

With the new dBC-8, Apex offers a high quality, eight channel Compressor/Limiter with excellent specifications and comprehensive features at a very affordable price. Although the the unit is only 1U high, the dBC-8's controls are very straightforward and intuitive. Extreme care has being taken to ensure an optimized visibility and fast access. Bypass mode is indicated by a LED as is the channel link function wich enables you to use stereo compression for stereo signal sources. No compromise has been made to the audio quality, the unit has fully balanced in and outputs and will offer you that fat british compression sound equaling units costing much more! No more hesitating on wich channels you are going to use compression because there are not enough compressors available, just patch the dBC-8 compression channels where you need them!

dBC-8 Features:

- Eight channels of nice sounding compression/limiting in a 1U package.
- Straightforward and intuitive controls make setting-up very easy and fast, while permanent metering is showing you input level and compression.
- Channels can be linked in pairs to adress stereo signals.
- Inputs and outputs are balanced via 1/4" TRS jacks.



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www.white-light.be

DBG-8

EIGHT CHANNEL GATE

TECHNICAL SPECIFICATIONS

LINE INPUTS: Balanced high impedance line level input, 10kOhms, On 1/4" TRS jack connector.

MAXIMUM INPUT LEVEL: +20dB

LINE OUTPUTS: Electronically balanced low impedance outputs, < 60 Ohms

MAXIMUM OUTPUT LEVEL: +20dB into 600 Ohms

OUTPUT NOISE: < 90dBu, 22Hz - 22kHz,

GATE ATTENUATION: < 90dBu, 22Hz - 22kHz,

THRESHOLD: continuously variable between -60dB and 0dB

SIDE CHAIN FILTER: continuously variable between 100Hz and 10Khz centre frequencies

RELEASE: continuously variable 5mS to 5 S

CROSSTALK: Better than 80dB

THD: @ 0dB < 0,05%, 20Hz - 20kHz

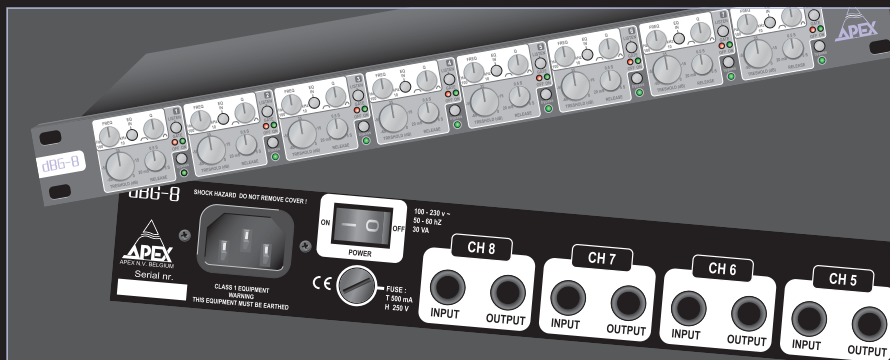
FREQUENCY RESPONSE: +/- 0,5 dB, 20Hz - 20kHz

METERING: Gate on / off led indicators

POWER SUPPLY: Auto-detect 110/230V - 50/60Hz, switching power supply, power switch and fuse on the back panel

DIMENSION (H X W X D): 1U rack Case x 483mm (19inch) x 44mm (1.75inch)

WEIGHT: 2Kgs



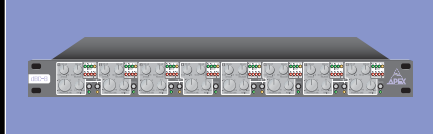
DBG-8: Eight Channel Gate

With the new DBG-8, Apex offers a high quality, eight channel Noise Gate with excellent specifications and comprehensive features at a very affordable price. All controls are very straightforward, just set the threshold and the release time. Most problems with gates occur when they trigger on other signals than those intended. We have added a very powerful Eq to the control side chain giving you a selection of frequency and bandwidth. We even added a listen function so that you can really fine-trim. Now you can really select the signal on which you want the gate to trigger. Bypass function is indicated by a LED as is the Gate off/on function. No compromise has been made to the audio quality, the unit has fully balanced in and outputs and will offer you a very powerful means to clean up your sounds and tighten your mix. And with 8 channels available you can put gates on the complete drumkit, or use some on backing vocals!

DBG-8 Features

- Eight channels of intelligent and efficient gating in a 1U package
- Straightforward and intuitive controls make setting-up very easy and fast, while LED's are indicating if you are over/under threshold.
- Efficient and extensive side-chain EQ with listen function
- Inputs and outputs are balanced via 1/4" TRS jacks

DBC-8



DBG-8



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