

266xs Compressor

Compressor/Gate

dbx[®]
by HARMAN



Bring a more professional sound to your mix

Adding a dbx[®] 266xs Compressor/Gate to your live sound rig or studio gives you more dynamic control to help create a more polished, professional sound. Having compression in your audio chain gives you the ability to smooth out uneven levels, add sustain to guitars and fatten up your drum sound. It also makes it easy to bring vocals to the front of your mix - adding greater clarity and making them stand out from the surrounding instruments.

dbx knows compressors...after all we invented them! The 266xs is the latest in a long line of the world's most successful compressors from the inventors of the technology. Its patented Overeasy[®] compression technology provides smooth and musical performance while the AutoDynamic[™] attack and release controls, found only on dbx compressors, puts great sound within easy reach. The 266xs can operate in stereo or dual-mono modes, has true RMS power summing and features XLR and 1/4" TRS inputs and outputs. It cuts no corners on visual feedback with gain reduction metering and easy-to-read backlit switches.

Features

- ▶ Error-proof operation to smooth uneven levels, add sustain to guitars, fatten drums or tighten up mixes
- ▶ New gate timing algorithms ensure the smoothest release characteristics
- ▶ Program-adaptive expander/gates
- ▶ Great sounding dynamics control for any type of program material
- ▶ Separate precision LED displays for gain reduction, compression threshold and gate threshold allow quick, accurate setup
- ▶ Stereo or dual-mono operation
- ▶ Balanced inputs and outputs on 1/4" TRS and XLR connectors
- ▶ Side Chain insert
- ▶ Classic dbx "Auto" mode

Who uses this product:



BANDS



DJs



SOUND
INSTALLATION



STUDIO



BROADCAST

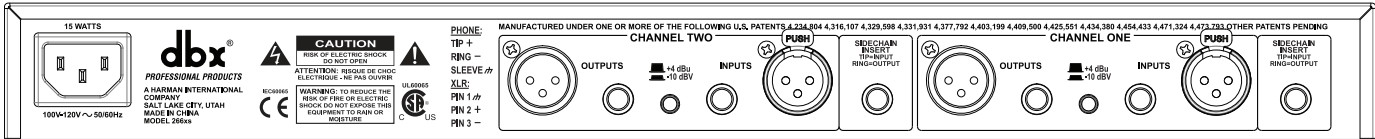
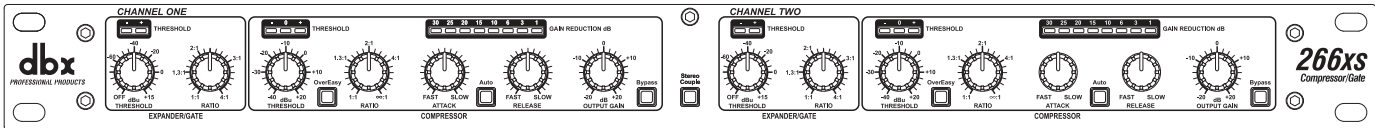
dbx Professional
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Specifications

INPUTS:
 Type: 1/4" TRS, female XLR (pin 2 hot)
 Impedance: Electronically balanced/unbalanced, RF filtered
 Max Input Level: Balanced 40kΩ, unbalanced 20kΩ
 >+22dBu balanced or unbalanced

OUTPUTS:
 Connectors: 1/4" TRS, male XLR (pin 2 hot)
 Type: Impedance-balanced/unbalanced, RF filtered
 Impedance: +4 dBu: Balanced 100Ω
 unbalanced 50Ω
 -10 dBu: Balanced 1kΩ
 unbalanced 500Ω
 Max Output Level: >+21dBu balanced/unbalanced into 2kΩ or greater
 >+18dBm balanced/unbalanced (into 600Ω)

SIDECHAIN INSERT: Normalled: Tip is Input, Ring is Output
 Tip: Impedance >10kΩ
 Maximum Level >+22dBu
 Ring: Impedance 2kΩ
 Maximum Level >+20dBu

COMPRESSOR: Selectable OverEasy® or hard-knee
 Threshold Range -40dBu to +20dBu
 Compression Ratio 1:1 to Infinity:1
 Attack Time Scalable Program-Dependent AutoDynamic™
 Release Time Scalable Program-Dependent AutoDynamic™

EXPANDER/GATE:
 Threshold Range -60dBu to +10dBu
 Expansion Ratio 1:1 to 4:1
 Attack Time <100μSec
 Release Time Program-Dependent

SYSTEM PERFORMANCE:
 Bandwidth: 0.35Hz - 90kHz, +0, -3dB
 Frequency Response (Flat): 20Hz - 20kHz, +0/-0.5dB
 Noise: <-93dB, unweighted (22kHz measurement band width)
 THD+N: <0.2%; Any amount of compression at 1kHz
 Intermodulation Distortion: <0.2% SMPTE
 Dynamic Range: >114dB, unweighted
 Interchannel Crosstalk: <-95dB, 20Hz to 20kHz
 Common Mode Rejection: >40dB, typically >55dB @ 1kHz
 Stereo Coupling: True RMS Power Summing™

POWER SUPPLY:
 Power Requirements 15 Watts
 Operating Voltage 100VAC -120VAC 50/60Hz; 230VAC 50/60Hz
 Operating Temperature 32°F to 113°F (0°C to 45°C)

PHYSICAL:
 Dimensions 1.75" x 5.75" x 19" (4.5cm x 14.6cm x 48.26cm)
 Weight Net Weight: 4.84 lbs/2.19 Kg
 Shipping Weight: 6.6 lbs/2.99 Kg

Note: 0dBu = 0.775VRMS

dbx engineers are constantly working to improve the quality of our products. Specifications are, therefore subject to change without notice.