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 ¼” 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:

dbx Professional Products
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Sandy, Utah 84070
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Specifications

**INPUTS:**
- **Type:** Electronically balanced/unbalanced, RF filtered
- **Impedance:** Balanced 40kΩ, unbalanced 20kΩ
- **Max Input Level:** &gt;+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:** &gt;+21dBu balanced/unbalanced into 2kΩ or greater
  &gt;+18dBm balanced/unbalanced (into 600Ω)

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

**COMPRESSOR:**
- **Threshold Range:** Selectable OverEasy® or hard-knee
  - &gt;-40dBu to &lt;+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 &lt;+10dBu
- **Expansion Ratio:** 1:1 to 4:1
- **Attack Time:** &lt;10μsec
- **Release Time:** Program-Dependent

**SYSTEM PERFORMANCE:**
- **Bandwidth:** 0.35Hz - 90kHz, +0, -3dB
- **Frequency Response (Flat):** 20Hz - 20kHz, +0/-0.5dB
- **THD+N:** &lt;0.2%; Any amount of compression at 1kHz
- **Intermodulation Distortion:** &lt;0.2% SMPTE
- **Dynamic Range:** &gt;+21dBu balanced or unbalanced
- **Interchannel Crosstalk:** &lt;+95dB, 20Hz to 20kHz
- **Common Mode Rejection:** &gt;40dB, typically &gt;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.*