

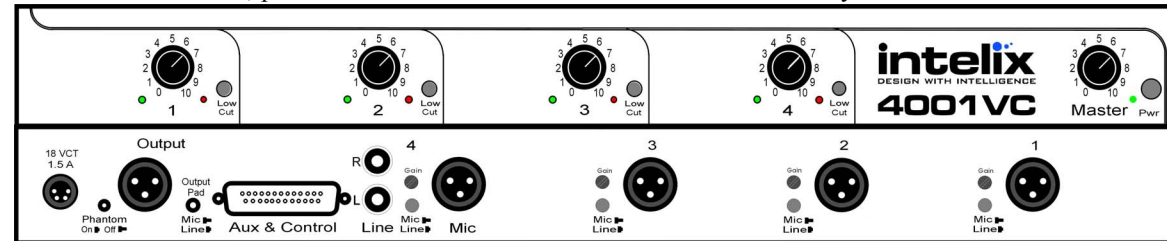
# VC Series Mic/Line Mixers

# Technical Specifications

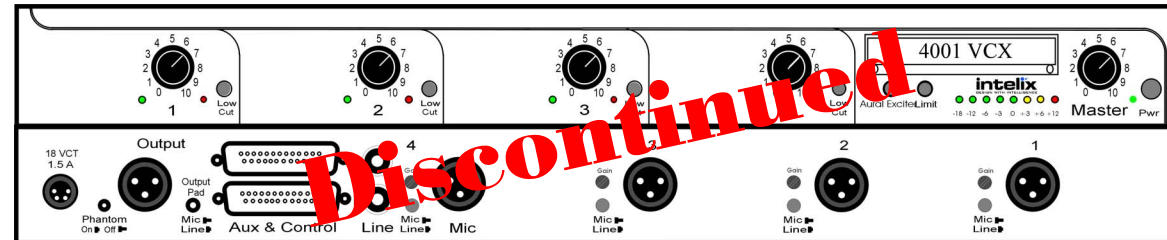
VC Series mic/line mixers offer remote freedom with priority channel autoducking.

Intelix VC Series mic/line mixers come in two models: the standard VC featuring a compressor/limiter and low cut filter, and the enhanced VCX featuring a compressor/limiter, low cut filter, APHEX Aural Exciters, priority channel autoducking, individual channel signal present and clip LEDs, master output VU metering, and an insert patch or direct out for all channels. All units are linkable.

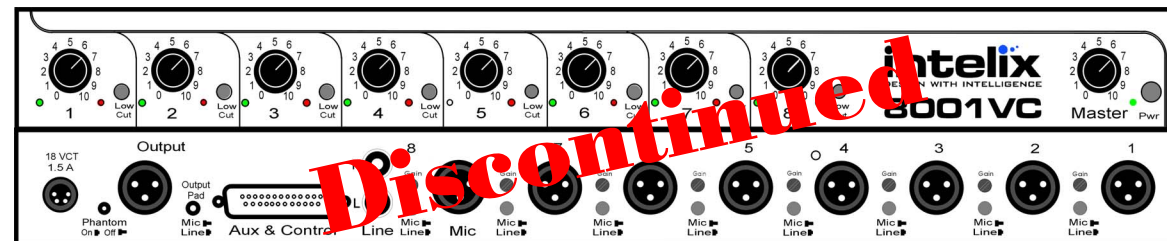
For more information, please visit [www.intelix.com](http://www.intelix.com) or contact Intelix directly at 1-866-4-MATMIX.



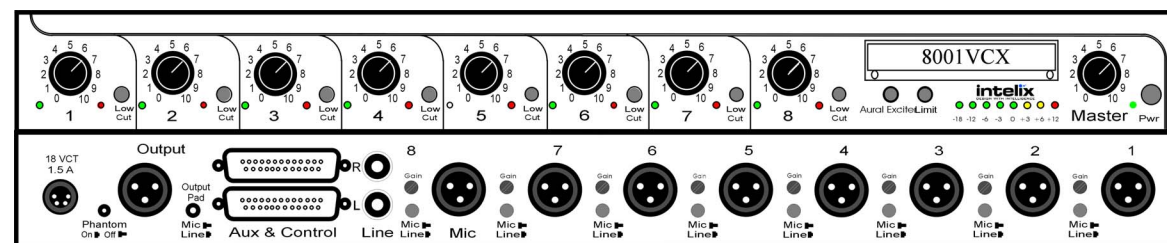
4001VC Front and Rear



4001VCX Front and Rear



8001VC Front and Rear



8001VCX Front and Rear

## GENERAL

|                                  |   |
|----------------------------------|---|
| <b>Frequency Response</b>        | ±5 dB from 20 Hz to 20 kHz<br>+0, -3 dB from 10 Hz to 30 kHz                                    |
| <b>Max Voltage Gain</b>          | 96 dB   |
| <b>Signal to Noise</b>           | Ref +26 dBu @ 54 dB<br>sys gain = 90dB  |
| <b>Equivalent Input Noise</b>    | -129 dB @ 150 Ohms,<br>20 Hz to 20 kHz  |
| <b>Crosstalk</b>                 | better than -90 dB  |
| <b>Bar Graph</b>                 | -18, -12, -6, -3, 0, +3, +6, +12VU  |
| <b>Reading</b>                   | Avg. or Peak, Main or Aux   |
| <b>Attack</b>                    | 1.7 ms  |
| <b>Decay</b>                     | 650 ms  |
| <b>Phantom Power</b>             | +15V switchable,<br>bypassed in line mode   |
| <b>Signal Present Indicators</b> | Peak reading, -10 dBu threshold   |
| <b>Input Clip Indicators</b>     | Peak reading, +13dBu threshold  |
| <b>Limiter Threshold</b>         |   |
| <b>Adjustment</b>                | -10 to +10dBu   |
| <b>Duck level Adjust Range</b>   | 0 to -100dB   |
| <b>Duck Release Time Range</b>   | 0.5 sec to 5 sec  |
| <b>Aux DC Volume Control</b>     |   |
| <b>Voltage</b>                   | 0-5V DC   |
| <b>Nominal Remote DC Volume</b>  |   |
| <b>Control Resistance</b>        | 10 kOhms (linear)   |
| <b>Power Requirements</b>        | 4001VC, 4001VCX, 8001VC:<br>16VAC Center-Tapped, 1.5 A<br>8001VCX:<br>18VAC Center-Tapped, 21VA |
| <b>Dimensions</b>                | 19" x 9" x 1.75"<br>(48.2 cm x 22.8 cm x 4.4 cm)  |
| <b>Shipping Weight (average)</b> | 12.5 lb (5.7 kg)  |

## INPUTS

|                                 |                               |
|---------------------------------|-------------------------------|
| <b>Input Trim Range</b>         | 40 dB                         |
| <b>Input Impedance</b>          | 3.5 kOhms Mic / 15 kOhms Line |
| <b>Nominal Source Impedance</b> | 150 Ohms                      |
| <b>Mic/Line Pad</b>             | -50 dB                        |
| <b>Max Input Level</b>          | +20 dBu (line pad on)         |
| <b>Low Cut Filter</b>           | 12 dB per octave @ 120 Hz     |
| <b>Aux Input Impedance</b>      | 20 kOhms balanced             |

## OUTPUTS

|                               |  |
|-------------------------------|--|
| <b>Output Impedance</b>       | (balanced) 440 Ohms<br>(unbalanced) 220 Ohms |
| <b>Nominal Load Impedance</b> | 600 Ohms                                     |
| <b>Nominal Level</b>          | +4 dBu RMS                                   |
| <b>Maximum Level</b>          | +26 dBu RMS (balanced)                       |
| <b>Main Out Mic/Line Pad</b>  | -50 dB                                       |

