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The Crimson range offers solid state equivalents to selected Indigo and Classic products at a price that establishes it as our most affordable product range to date. Aimed at those users that require warm, smooth sounding units but don't necessarily seek the subtle harmonic colouration that our valve units impart, the Crimson range combines outstanding sonic integrity with the same quality of construction that characterises every TL Audio product. Most Crimson products are functionally identical to their Indigo / Classic counterparts: the fundamental difference being that the valve stages have been replaced by solid state gain or buffer stages. TL Audio quality has never been so affordable!

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3001 4 Channel Mic Pre Amp

The 3001 is the solid state equivalent of the Indigo 2001 mic pre amp, and is functionally identical.

- Continuously variable input gain control (+10dB to +60dB)
- 48v phantom power switch
- 90Hz low cut filter (12dB / octave)
- Continuously variable output gain control
- Frequency response 20Hz to 40kHz +0 / -1dB
- Phase reverse switch
- Peak LED
- Balanced XLR mic input
- Balanced XLR line output (+4dB) duplicated on unbalanced jack connector (-10dB)

SPECIFICATIONS

Mic Input: Impedance: >2k . Gain range: +10 to +60dB. Input noise (EIN): -127dBu at max gain (22Hz-22kHz). Balanced XLR connector. Output: Balanced output impedance: 47. Max level: +26dBu into 600. XLR connector. Unbalanced output impedance 47. Max level +18dBu into 10k. Jack connector. Frequency response: 10Hz to 40kHz +0 / -1dB.

[For more information please email: TL Audio](mailto:info@tl-audio.com)



3021 2 Channel Compressor

The 3021 is the solid state equivalent of the Indigo 2021 compressor, and is functionally identical.

- Continuously variable control of input gain, threshold, ratio and gain make-up
- Attack time switchable between "fast" or "slow" (0.5mS or 20mS)
- Release time switchable between "fast" or "slow" (40mS or 2S)
- Dual mono or stereo linked modes
- Compressor bypass switches with status LEDs
- Dual sensitivity auxiliary input (for guitar, keyb etc)
- 8 segment LED metering to read output level or gain reduction
- Side chain insert point for frequency conscious compression
- Balanced XLR line inputs and outputs (+4dB)
- Line inputs and outputs duplicated on unbalanced connectors (-10dB)
- Program dependent attack and release time constants
- Frequency response 20Hz to 40kHz +0 / -1dB

SPECIFICATIONS

Line Input: (Balanced) Impedance >5k. Gain range -20dB to +20dB. Maximum input level +26dBu. Balanced XLR connector. (Unbalanced) Impedance > 5k. Gain range -20dB to +20dB. Max input level +12dBu. Jack connector. Aux Input: Switchable for high or low gain, plus 40dB gain variation. Max input level +18dBu. Unbalanced jack connector. Output: Balanced output impedance: 47. Max level: +26dBu into 600. XLR connector. Unbalanced output impedance: 47. Max level: +18dBu into 10k. Jack connector. Sidechain insert point: Stereo jack, tip=send, ring=return. Nominal level -2dBu. Output impedance: 47, Return input impedance: 10k Compressor functions: Threshold -20dBu to +20dBu, Ratio 1:1.5 to 1:30, Gain Make Up 0 to +20dB. Attack switchable for Fast (0.5mS) or Slow (20mS). Release switchable for Fast (40mS) or Slow (2S). Frequency response: 10Hz to 40kHz

+0 / -1dB. Noise: -82dBu.

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3011 2 Channel 4 band Equaliser

The 3011 is the solid state equivalent of the Indigo 2011 equaliser, with one functional difference: the frequency control on the 3011's upper and lower mid bands is continuously variable, rather than the four position selector switch as used on the 2011.

- LF band: ± 15 dB shelving at 80Hz or 120Hz (12dB/oct)
- LM band: ± 15 dB peaking, fully variable from 50Hz to 2kHz (Q=1.0)
- HM band: ± 15 dB peaking, fully variable from 500Hz to 18kHz (Q=1.0)
- HF band: ± 15 dB shelving at 8kHz or 12kHz (12dB/oct)
- Dual sensitivity auxiliary input (for guitar/keyb etc)
- Balanced XLR line inputs and outputs (+4dB)
- Line inputs and outputs duplicated on unbalanced jack connectors (-10dB)
- Continuously variable input gain (± 20 dB)
- EQ bypass switch with status LED
- Peak LED
- Frequency response 20Hz to 40kHz +0 / -1dB

SPECIFICATIONS

Line Input: (Balanced) Impedance $> 5k$. Gain range -20dB to +20dB. Maximum input level +26dBu. Balanced XLR connector. (Unbalanced) Impedance $> 5k$. Gain range -20dB to +20dB. Max input level +12dBu. Jack connector. Aux Input: Switchable for high or low gain, plus 40dB gain variation. Max input level +18dBu. Unbalanced jack connector. Output: Balanced output impedance: 47. Max level: +26dBu into 600. XLR connector. Unbalanced output impedance: 47. Max level: +18dBu into 10k. Jack connector. Frequency response: 10Hz to 40kHz +0 / -1dB. Noise: -80dBu Distortion: 0.05%.



3012 2 Channel Parametric Equaliser

The 3012 is the solid state equivalent of the Indigo 2012 equaliser, and is functionally identical.

- Continuously variable input gain control ($\pm 20\text{dB}$)
- Each band offers $\pm 15\text{dB}$ of gain and variable Q between 0.5 and 5
- Channel A features two bands: Band 1 continuously variable between 30Hz and 1.2kHz. Band 2 continuously variable between 1kHz and 18kHz
- Band 2 has "divide by ten switch" switch giving a frequency range of 100Hz to 1.8kHz
- Channel B features two bands: Band 3 continuously variable between 30Hz & 1.2kHz. Band 4 continuously variable between 1kHz & 18kHz
- Band 3 has "multiply by ten" switch giving a frequency range of 300Hz to 12kHz
- EQ bypass switch with status LED
- Peak LED
- Mono mode allows mono 4 band operation
- Front panel dual sensitivity auxiliary input (for guitar / keyboards etc)
- Balanced XLR line inputs and outputs (+4dB)
- Line inputs and outputs duplicated on unbalanced jack connectors (-10dB)
- Frequency response 20Hz to 40kHz +0 / -1dB

SPECIFICATIONS

Line Input: (Balanced) Impedance $> 5\text{k}$. Gain range -20dB to +20dB. Maximum input level +26dBu. Balanced XLR connector. (Unbalanced) Impedance $> 5\text{k}$. Gain range -20dB to +20dB. Max input level +12dBu. Jack connector. Aux Input: Switchable for high or low gain, plus 40dB gain variation. Max input level +18dBu. Unbalanced jack connector. Output: Balanced output impedance: 47. Max level: +26dBu into 600. XLR connector.

Unbalanced output impedance: 47. Max level: +18dBu into 10k. Jack connector. Frequency response: 10Hz to 40kHz +0 / -1dB. Noise: -74dBu.

[For more information please email: TL Audio](#)



3051 Mono Voice Processor

The 3051 is the solid state equivalent of the Indigo 2051 voice processor with one functional difference: in the equaliser section of the 3051, the frequency control on the upper and lower mid bands is continuously variable, rather than the four position selector switch as used on the 2051.

- Combines the functions of the 3001, 3011 and 3021 units into a single package
- Mic Pre section with control of input gain, 48v, phase reverse and 90Hz low cut filter
- Compressor section identical to that of the 3021
- 4 band EQ section identical to that of the 3011
- 'EQ Pre' switch allows EQ to be positioned ahead of Compressor section
- Master section featuring 8 segment metering (indicating output level or gain reduction), and overall output level control
- Mic, Line and auxiliary inputs
- 'Link' facility allows two 3051s to be used in stereo mode
- Side chain insert point for frequency conscious compression
- Balanced XLR / unbalanced jack line outputs
- Frequency response 20Hz to 40kHz +0 / -1dB

SPECIFICATIONS

Mic Input: Impedance: >2k . Gain range: +10 to +60dB. Input noise (EIN): -127dBu at max gain (22Hz-22kHz). Balanced XLR connector. Line Input: (Balanced) Impedance >5k. Gain range -20dB to +20dB. Maximum input level +26dBu. Balanced XLR connector. (Unbalanced) Impedance > 5k. Gain range -20dB to +20dB. Max input level +12dBu. Jack connector. Aux Input: Switchable for high or low gain, plus 40dB gain variation. Max input level +18dBu. Unbalanced jack connector. Output: Balanced output impedance: 47. Max level: +26dBu into 600. XLR connector. Unbalanced output impedance:

47. Max level: +18dBu into 10k. Jack connector. Sidechain insert point: Stereo jack, tip=send, ring=return. Nominal level -2dBu. Output impedance: 47, Return input impedance: 10k Compressor functions: Threshold -20dBu to +20dBu, Ratio 1:1.5 to 1:30, Gain Make Up 0 to +20dB. Attack switchable for Fast (0.5mS) or Slow (20mS). Release switchable for Fast (40mS) or Slow (2S). Frequency response: 10Hz to 40kHz +0 / -1dB.

[For more information please email: TL Audio](#)



3013 2 Channel Parametric Equaliser

The 3013 is the solid state equivalent of the Classic range EQ-2 valve equaliser, and is functionally identical.

- 2 channels - each with 4 bands of fully parametric equalisation
- LF band is continuously variable from 30Hz to 3kHz
- LM band is continuously variable from 30Hz to 3kHz
- HM band is continuously variable from 1kHz to 20kHz
- HF band is continuously variable from 1kHz to 20kHz
- Each band offers ± 15 dB of gain and variable Q between 0.5 and 5
- Each band/channel has individual EQ bypass switch
- Continuously variable high and low cut filters with bypass switch (12dB/oct)
- Low cut filter variable from 30Hz to 1kHz
- High cut filter variable from 1kHz to 25kHz
- Output level control giving ± 15 dB of trim
- Peak LED
- Balanced microphone and line level inputs with variable gain control
- Balanced line outputs, switchable for -10dB or +4dB
- Line inputs and outputs duplicated on unbalanced jack connections
- Front panel dual sensitivity auxiliary inputs (for guitars / keyboards etc)
- 48v phantom power
- Insert point on each channel (between mic pre amp and EQ section)
- Status LEDs provided on all function switches
- Frequency response 20Hz to 40kHz $+0 / -1$ dB

SPECIFICATIONS

Mic Input: Impedance: $>2k$. Gain range: +10 to +60dB. Input Noise (EIN): -127dBu (22Hz-22kHz). Max input level: +10dBu. Balanced XLR connector.

Line Input: (Balanced) Impedance: > 5k. Gain range: -20dB to +30dB. Max input level: +24 dBu. Balanced XLR connector. (Unbalanced) Impedance: > 5k. Gain range: -10dB to +35dB . Max input level: +24dBu. Jack connector. Auxiliary Input: Impedance : 220k. Max gain : 40dB. Max input level: +22dBu. Unbalanced jack connector. Output: Balanced output impedance: 47. Max level: +26dBu. Unbalanced output impedance: 47. Max level: +20dBu into 10k. Insert point: stereo jack, tip=send, ring=return. Nominal level -2dBu. Output impedance: 47, Return input impedance: 10k. Frequency response: 20Hz - 40kHz +0 / -1dB. Dynamic Range: >100dB. Power supply: 110-120v or 220-240v AC. Power consumption: 35VA typical. Dimensions: 483 x 205 x 88mm (19" 2U). Power consumption: 30VA typical.

[For more information please email: TL Audio](mailto:TL@TLAudio.com)