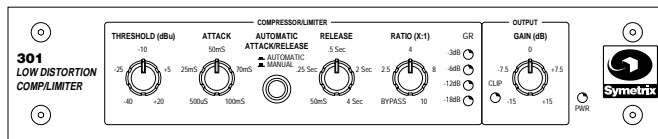


300 SERIES FROM SYMETRIX

AUDIO TOOLS FOR INSTALLED SOUND & BROADCAST PRODUCTION



301 LOW DISTORTION COMP/LIMITER

A MONO COMP/LIMITER that delivers extremely clean compression for installed sound and broadcast applications. Unique circuitry eliminates secondary causes of distortion during compression, allowing use of shorter release times. PY-3 accessory Y power cord permits two 301's to share a single power supply.

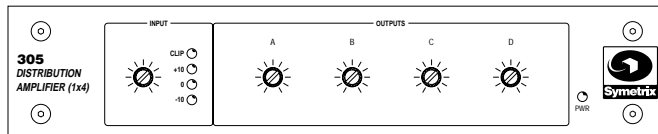
- Automatic Attack/Release button for quick preset setup.
- 115dB Dynamic Range. Ultra-low THD+Noise of less than .008% at any gain reduction level.
- XLR and Euroblock input & output connections.



303 INTERFACE AMPLIFIER (BI-DIRECTIONAL)

A STEREO LEVEL MATCHING AMPLIFIER that accepts balanced or unbalanced inputs and converts them to balanced or unbalanced outputs. Use the 303 to interface a consumer DAT, cassette recorder or computer sound card to a professional recording console or to other +4dBu nominal level equipment.

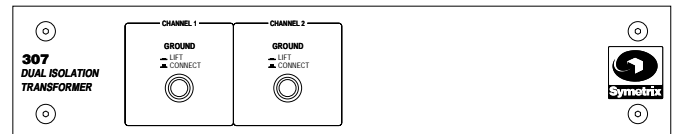
- Simple, affordable conversion of consumer audio to pro audio without loss of information.
- Stereo XLR and RCA input and output jacks.
- External power supply ensures low noise operation.



305 DISTRIBUTION AMPLIFIER (1X4)

A ONE INPUT/FOUR OUTPUT mono distribution amplifier. Use the 305 to route your most critical audio to four separate outputs. Sound contractors will find the 305 essential for feeding multiple power amps. Broadcast engineers can easily and inexpensively distribute satellite audio around their station with the 305.

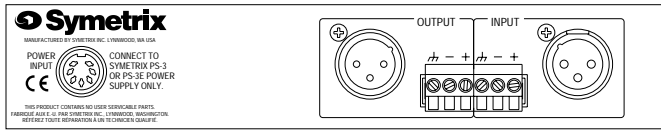
- Euroblock terminal connectors for quick installation.
- Precision circuitry yields THD+Noise less than .009%.
- Four-segment LED input level meter. Individual trim pots for input and output volume attenuation.



307 DUAL ISOLATION TRANSFORMER

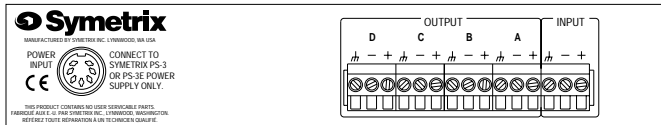
A TWO INPUT/TWO OUTPUT isolation box for use in installed sound and broadcast audio systems. Isolates ground, positive and negative audio paths to break up ground loops and improve overall system performance. Interfaces balanced and unbalanced devices. Increases resistance to RF interference.

- Euroblock terminal connectors for quick installation.
- Two high-performance audio transformers.
- Flexible grounding options.



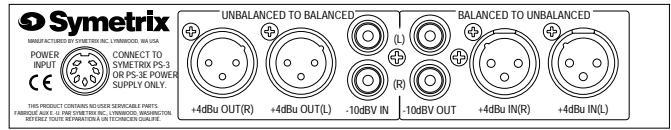
301 Low Distortion Comp/Limiter

| | |
|-------------------------|--|
| Input/Output | |
| Maximum Input Level | +20dBu Balanced |
| Maximum Output Level | +22dBu Balanced, +18 dBu Unbalanced |
| Input Impedance | 20k Ohms Balanced, 10k Ohms Unbalanced |
| Output Impedance | 200 Ohms Balanced, 100 Ohms Unbalanced |
| CMRR | >40dB |
| Performance Data | |
| Frequency Response | 10Hz to 60kHz, +0, -3dB |
| Dynamic Range | 115dB (difference of max output and noise floor) |
| THD+Noise | <.008%, +4dBu in, +4dBu out, 0dB gain reduction |
| Gain Control | +/-15dB center detent |
| Output Noise | -90dBu measured at balanced output, input terminated in 600 Ohms, 20kHz low pass |
| Compressor | |
| Type | RMS responding |
| Attack Time | 500µs to 100ms |
| Release Time | 50ms to 4S |
| Threshold | -40dBu to +20dBu |
| Ratio | Bypass to 10:1 |
| Connections | |
| Input & Output | XLR, Euroblock |
| Polarity | pin 2 of XLR is hot |
| Power In | 7 pin DIN |
| Physical | |
| Size (hwd) | 1/2 rack unit |
| Shipping Weight | 1.75 x 8.5 x 6.5 in., 4.445 x 21.59 x 15.875 cm. 4.4 lbs. |
| Electrical | |
| Power Requirements | 117V nominal, 95 to 130V AC, 50 to 60Hz 230V nominal, 165 to 255V AC, 50Hz |



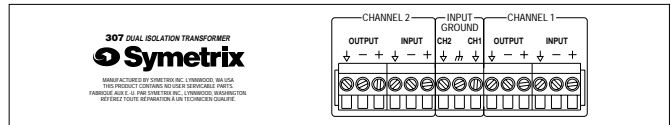
305 Distribution Amplifier (1x4)

| | |
|-------------------------|---|
| Input/Output | |
| Maximum Input Level | +26dBu Balanced |
| Maximum Output Level | +26dBu Balanced (20k Ohm load) +22dBm (600 Ohm load) |
| Input Impedance | 20k Ohms Balanced, 10k Ohms Unbalanced |
| Output Impedance | 200 Ohms Balanced, 100 Ohms Unbalanced |
| Performance Data | |
| Frequency Response | +/-1/2dB, 20Hz to 20kHz |
| THD+Noise | <.009% at +26dBu 30kHz measurement bandwidth |
| Signal to Noise Ratio | >100dB, A-weighted, ref. to +4dBu |
| Dynamic Range | >125dB, A-weighted |
| Common Mode Rejection | >40dB, 20Hz to 20kHz |
| Input Gain Range | +/-15dB |
| Output Gain Range | 0 to -20dB |
| Physical | |
| Size (hwd) | 1/2 rack |
| Shipping Weight | 1.75 x 8.5 x 6.5 in., 4.445 x 21.59 x 15.875 cm. 4.3 lbs. |
| Electrical | |
| Power Requirements | 117V nominal, 95 to 130V AC, 50 to 60Hz 230V nominal, 165 to 255V AC, 50Hz |



303 Interface Amplifier (Bi-directional)

| | |
|--|---|
| Input/Output: +4dBu to -10dBV Circuit | |
| Maximum Input Level | +28dBu Balanced, +22dBu Unbalanced |
| Maximum Output Level | +18dBV Unbalanced |
| Input Impedance | 40k Ohms Balanced, 20k Ohms Unbalanced |
| Output Impedance | 100 Ohms Unbalanced |
| Input Common Mode Rejection | >40dB |
| Performance Data: +4dBu to -10dBV Circuit | |
| Frequency Response | 10Hz to 30kHz, +0, -1dB |
| THD+Noise | <.005% at +28dBu |
| Gain | -12dB |
| Input/Output: -10dBV to +4dBu Circuit | |
| Maximum Input Level | +8dBV Unbalanced |
| Maximum Output Level | +24dBm Balanced, 600 Ohm load +18dBm Unbalanced, 600 Ohm load |
| Input Impedance | 100k Ohms Unbalanced |
| Output Impedance | 200 Ohms Balanced, 100 Ohms Unbalanced |
| Performance Data: -10dBV to +4dBu Circuit | |
| Frequency Response | 10Hz to 30kHz, +0, -1dB |
| THD+Noise | <.005% at +8dBV |
| Gain | +12dB |
| Connections | |
| Input | XLR, RCA jacks |
| Output | XLR, RCA jacks |
| Power In | 7 pin DIN |
| Physical | |
| Size (hwd) | 1/2 rack |
| Shipping Weight | 1.75 x 8.5 x 6.5 in., 4.445 x 21.59 x 15.875 cm. 4.3 lbs. |
| Electrical | |
| Power Requirements | 117V nominal, 95 to 130V AC, 50 to 60Hz 230V nominal, 165 to 255V AC, 50Hz |



307 Dual Isolation Transformer

| | |
|-------------------------|---|
| Input/Output | |
| Maximum Input Level | +22dBu Balanced |
| CMRR | >80dB @ 60Hz |
| Performance Data | |
| Frequency Response | +/-0.5dB, 20Hz to 100 kHz |
| THD | <0.07%, 50Hz at 21dBu low-Z input, high-Z load |
| Insertion Loss | <3dB, 600 Ohm load |
| Connections | |
| Input | Euroblock |
| Output | Euroblock |
| Physical | |
| Size (hwd) | 1/2 rack |
| Shipping Weight | 1.75 x 8.5 x 6.5 in., 4.445 x 21.59 x 15.875 cm. 3.1 lbs. |
| Electrical | |
| Power Requirements | no power requirements |