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5-Year Warranty | 70V Rated | 100V Rated

ASHLY

TRA2075
TRA2150
TRA4075
TRA4150




# TRA SERIES

## Multi-mode Power Amplifiers

The ***TRA Series*** expands on the SRA's mantra of "the right amp for the job." These 2 rack space amplifiers utilize our advanced, efficient amplifiers perfect for low impedance and transformer isolated 25V, 70V or 100V installations with modest power requirements.

Choose from 4 models available in 2 and 4-channel configurations, with power ratings of 75W and 150W per channel at 4 Ohms, 70V and 100V. All TRA audio controls are on the rear panel. A 6-step LED meter for each channel lets you monitor all levels. TRA amplifiers can drive 4 or 8 Ohm loads and 25V or 70V and 100V constant voltage lines simultaneously. Output transformers are internally mounted.

The 150W models are also capable of driving 25V constant voltage lines using the direct coupled 4 Ohm output. TRA Series amplifiers incorporate a switch-mode power supply and Class-D amplifier circuitry, providing an extremely power-efficient solution.

All TRA Series amplifiers are convection-cooled, so there's little maintenance after the installation, and no annoying fan noise.

TRA Features:

- Convection cooling
- Extremely low noise
- Internally mounted constant voltage transformers
- Extensive protection circuitry
- 6-Step signal level and clip LEDs
- Level attenuators for each channel
- Euroblock inputs/outputs
- Selectable input sensitivity (voltage gain)
- Remote stand-by control
- Adjustable turn-on delay up to eight seconds
- Safety/Compliance: $_{c}$TUV$_{us}$, CE, FCC, RoHS

| Specifications | *Note: 0dBu = 0.775 VRMS* |
|---|---|
| Frequency Response (8 Ohms) | 20Hz–20kHz, ± 1.0 dB, -3dBu @ 80Hz Due to internal HPF |
| Distortion (SMPTE, typical) | < 0.5%–8 Ohm load, 10dB below rated power |
| Distortion (THD-N, typical) | < 0.5%–8 Ohm load, 10dB below rated power, 20Hz–20kHz |
| Damping Factor (8 Ohm load, < 1 kHz) | > 200 into 8 Ohms |
| Input Impedance | 20k Ohms, balanced |
| Input Sensitivity | 1dBu (75W), 4dBu (150W) |
| Voltage Gain | 26dB, 36dB Selectable |
| Maximum Input Level | +21dBu |
| HPF | 80Hz 2nd Order, Non-defeatable |
| Cooling | Convection |
| Output Circuitry | Class D |
| Amplifier/Load Protection | Output Overcurent, DC Output, Main Supply Rail Overvoltage, Chassis Temperature, Inrush Limiting, Mains Fuse |
| Environmental | 40-120° F, (4-49° C) noncondensing |
| *Front Panel* | |
| Controls | AC Power Switch |
| Indicators (LED color) | Power (Blue), Standby (Yellow), Protect (Red), Clip (Red) Signal Level -24dB, -18dB, -12dB, -6dB (Green), -3dB (Yellow), Clip (Red) |
| *Rear Panel* | |
| Controls | Input Attenuators, Gain / Sensitivity: +26dB, +36dB, Remote Stand-by, Delay |
| Connectors (each channel) | Input: 3-Pin Euroblock Output: Euroblock |
| Cordset | 3-Prong IEC |

| TRA Models | 2075 | 4075 | 2150 | 4150 |
|---|---|---|---|---|
| Channels | 2 | 4 | 2 | 4 |
| *Max Output Power: Per Channel, 80Hz–20kHz, 1% THD, All Channels Driven* | | | | |
| 4 Ohms | 75W | 75W | 150W | 150W |
| 8 Ohms | 40W | 40W | 80W | 80W |
| *Constant Voltage Options: 80Hz–20kHz, 1% THD, All Channels Driven* | | | | |
| 25V (per channel) | 75W | 75W | 150W | 150W |
| 70V (per channel) | 75W | 75W | 150W | 150W |
| 100V (per channel) | 75W | 75W | 150W | 150W |
| *Line Current Draw: All Channels Driven @ 4 Ohms* | | | | |
| Standby Mode | 37mA | 39mA | 89mA | 102mA |
| No Signal (Idle) | 320mA | 565mA | 370mA | 660mA |
| Typical (1/8 power pink noise) | 0.70A | 1.25A | 1.10A | 1.95A |
| Max (1/3 power sine wave) | 1.23A | 2.25A | 2.10A | 3.80A |
| *Thermal Dissipation: BTU/hr, All Channels Driven @ 4 Ohms* | | | | |
| Standby Mode | 13 | 15 | 14 | 23 |
| No Signal | 61 | 113 | 72 | 137 |
| Typical (1/8 power pink noise) | 73 | 145 | 111 | 211 |
| Max (1/3 power sine wave) | 85 | 150 | 126 | 263 |
| *Signal to Noise* | | | | |
| 20Hz–20kHz, Unweighted | >100dB | >100dB | >103dB | >103dB |

| Weights, Dimensions & Power | |
|---|---|
| Dimensions | 19" W x 3.50" H x 12" D (483mm x 89mm x 305mm) |
| Unit Weight | 2075/2150: 19.9lbs (9.04kg) 4075/4150: 30lbs (13.6kg) |
| Shipping Weight | 2075/2150: 24lbs (11kg) 4075/4150: 35lbs (16kg) |
| Power Req. | 120VAC, 240VAC ±10%, 50/60Hz (factory set) |




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**Rhox Áudio e Vídeo Profissional** - SIBS Quadra 2 conjunto C Lote 12
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