TRA Series



TRA Series specifications

TRA 2075 | TRA 2150 | TRA 4075 | TRA 4075



Ashly's TRA-Series expands on the SRA's concept of "the right amp for the job." These 2RU amplifiers utilize our state of the art technology to create advanced, efficient amplifiers perfect for low impedance, 25V, 70V or 100V installations with modest power requirements. Four models available in twoand four-channel configurations, with power ratings of 75W and 150W per channel @ 4 ohms, 70V and 100V.

All audio controls of the TRA-Series amplifiers are on the rear panel or internal. A six-step LED meter for each channel lets you monitor all levels. All TRA amplifiers can drive four or eight ohm loads and 25V or 70V and 100V constant voltage lines simultaneously. Output transformers are internally mounted. The 150W models are 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 maintenence after the installation, and no annoying fan noise. Of course you get the reliability, superior sonic quality and rugged construction you've come to expect from Ashly.

Features include: convection cooling, extremely low noise, extensive protection circuitry, euroblock inputs and Euroblock outputs. Front panel features include: mains power switch and an LED signal level meter indicating -24dB, -18dB, -12dB, -6dB, -3dB and clip alert for each channel. Rear panel features include: level attenuators for each channel, rear panel switches to select between two choices of input sensitivity, remote power turn-on/off and adjustable turn-on delay up to eight seconds.



Features:

- Convection cooling
- Extremely low noise
- Internally Mounted Constant Voltage
 Transformers
- Extensive protection circuitry
- Safety/Compliance: cTUVus, CE, FCC, RoHS

Front panel:

• 6-Step Signal Level and Clip LEDs

Rear panel:

- Level attenuators for each channel
- Euroblock inputs
- Euroblock outputs
- Selectable input sensitivity
- Remote power turn-on/off
- Adjustable turn-on delay up to eight seconds

Watts per channel

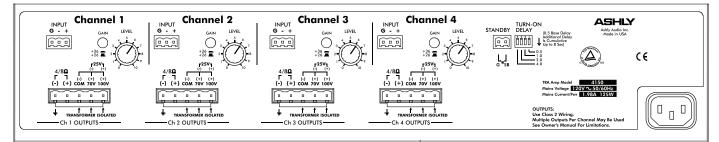
| Model | 8 ohms | 4 ohms | 25V/70V/100V |
|----------|--------|--------|--------------|
| TRA-2075 | 40 | 75 | 75/75/75 |
| TRA-2150 | 80 | 150 | 150/150/150 |
| TRA-4075 | 40 | 75 | 75/75/75 |
| TRA-4150 | 80 | 150 | 150/150/150 |



TRA Series specifications

| | TRA 2075 | TRA 2150 | TRA 4075 | TRA 4150 |
|------------------------------------|------------------------------------|------------------------------------|--------------------------------------|--------------------------------------|
| | | 1 | 1 | |
| Rated Power 8 ohms (Stereo) | 2x40W | 2x80W | 4x40W | 4x80W |
| Rated Power 4 ohms (Stereo) | 2x75W | 2x150W | 4x75W | 4x150W |
| Rated Power 70V/100V | 2x75W | 2x150W | 2x75W | 4x150W |
| Rated Power 25V (Stereo) | Not Rated | 2x150W | Not Rated | 4x150W |
| S/N (20 Hz-20 kHz, unweighted) | >98dB | >105dB | >98dB | >105dB |
| 1/8th Output (Pink Noise @ 4 Ohm) | 18.75W | 37.5W | 37.5W | 75.0W |
| 1/8th Draw (Pink Noise @ 4 Ohm) | 39.0W | 64.0W | 74.0W | 125W |
| 1/8th Current (Pink Noise @ 4 Ohm) | 0.69A | 1.10A | 1.24A | 1.98A |
| Idle Power | 17.0W | 20.0W | 30.0W | 36.0W |
| Idle Current (Pink Noise @ 4 Ohm) | 0.30A | 0.35A | 0.52A | 0.62A |
| Weight: Net Shipping | 19.5lbs/8.85kg 25.5 lbs/11.57kg | 19.5lbs/8.85kg 25.5 lbs/11.57kg | 29.5 lbs/13.38kg 35.5 lbs/16.10kg | 29.5 lbs/13.38kg 35.5 lbs/16.10kg |

| Frequency Response (8 ohms) | 20 Hz - 20k Hz, ± 1.0 dB | |
|-------------------------------|--|--|
| Input Impedance | 20 k ohms, balanced | |
| Input Sensitivity | 1dBu (75W), 4dBu (150W) | |
| Gain | 26dBu, 36dBu | |
| Maximum Input Level | +21dBu | |
| Internal HPF (switch) | 80Hz (default), Off | |
| Damping Factor (8 ohms) | > 200 | |
| Cooling | Convection | |
| Output Circuitry | Class D | |
| Connectors (each channel) | Input - each channel 3-Pin Euroblock Output - each channel Euroblock | |
| Front Controls | AC Power Switch | |
| Front indicators (LED color) | Power (Blue), Standby (Yellow), Protect (Red), Clip (Red) Signal Level –24dB, -18dB, -12dB, -6dB (Green), -3dB (Yellow), Clip (Red) | |
| Rear Controls | Input Attenuators Gain / Sensitivity: +26dB, +36dB Remote On/Off Delay | |
| Amplifier and Load Protection | Output Overcurent, DC Output, Main Supply Rail Overvoltage, Chassis Temperature, Inrush Limiting, Mains Fuse | |
| Cordset | 3-Prong IEC | |
| Dimensions | Height: 3.50" (88.9mm) 2RU Width: 19" (483 mm) Depth: 11.0" (279.4mm) | |



Ashly Audio, Inc. 847 Holt Road Webster, New York USA 14580-9103 P: 800-828-6308, +1-585-872-0010 F: +1-585-872-0739 www.ashly.com info@ashly.com Specifications subject to change without prior notice. Latest information available at www.ashly.com. © 2011 Ashly Audio, Inc. Printed in U.S.A. 01/11