TRA Series

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 two- and 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 screw terminal 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
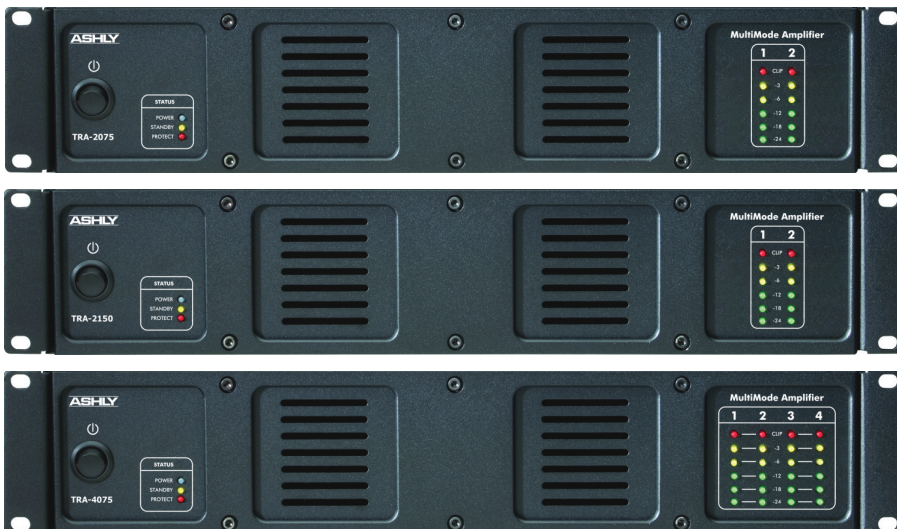- Safety/Compliance: cTUVus/FCC, CE (pending), RoHS

Front panel:
- 6-Step Signal Level and Clip LEDs

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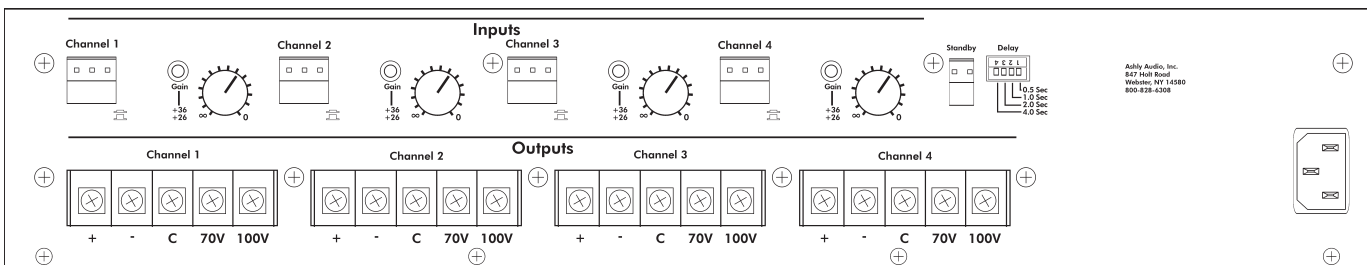- Adjustable turn-on delay up to eight seconds

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 2075	TRA 2150	TRA 4075	TRA 4150
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 (Pink Noise @ 4 Ohm)	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 Screw terminals
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)

Notess:
0dBu = 0.775 VRMS
Power ratings are per channel at 1% THD+N

Specifications subject to change without prior notice.
Latest information available at www.ashly.com.
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