

# Ashly TRA-4150 Power Amplifier 4 x 150W/4 Ohms w Xfmr Isolated 25V/70V/100V Out

TRA Models	2075	4075	2150	4150
Channels	2	4	2	4
<b>Max Output Power: Per Channel, 80Hz-20kHz, 1% THD, All Channels Driven</b>				
4 Ohms	75W	75W	150W	150W
8 Ohms	40W	40W	80W	80W
<b>Constant Voltage Options: 80Hz-20kHz, 1% THD, All Channels Driven</b>				
25V (per channel)	75V	75W	150W	150V
70V (per channel)	75W	75W	150W	150W
100V (per channel)	75W	75W	150W	150W
<b>Line Current Draw: All Channels Driven @ 4 Ohms</b>				
Standby Mode	37mA	39mA	39mA	102mA
No Signal (Idle)	320mA	665mA	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
<b>Thermal Dissipation: BTU/hr, All Channels Driven @ 4 Ohms</b>				
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
<b>Signal to Noise</b>				
20Hz-20kHz, Unweighted	>100dB	>100dB	>103dB	>103dB

Specifications	Note: OdBu = 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	dBu (75W), 4dBu (150W)
Voltage Gain	26dB, 36dB Selectable
Maximum Input Level	+2m
HPF	80Hz 2*1 Order, Non-defeatable
Cooling	Convection
Output Circuitry	Class D
Amplifier/Load Protection	Output Overcurrent, DC Output, Main Supply Rail Overvoltage, Chassis Temperature, Inrush Limiting, Mains Fuse
Environmental	40-120° F, (4-49° C) noncondensing
<b>Front Panel</b>	
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)
<b>Rear Panel</b>	
Controls	Input Attenuators, Gain / Sensitivity: +26dB, +36dB, Remote Stand-by, Delay
Connectors (each channel)	Input: 3-Pin Euroblock Output: Euroblock
Cordset	3-Prong IEC

Weights, Dimensions & Power	
Dimensions	19" W x 3.50" H x 15.5" D (483mm x 394mm x 88.9mm)
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)