

## MODEL / BDA1400.4D SMALL BUT BIG POWER 4CH AMPLIFIER

### POWER OUTPUT STEREO / 4 CHANNEL

- 4 X 217 WRMS into 4 ohms @ 14.4 Vdc
- 4 X 347 WRMS into 2 ohms @ 14.4 Vdc

### BRIDGED MONO - 2 CHANNEL

- 2 X 713 WRMS into 4 ohms @ 14.4 Vdc
- Frequency Response - 20-20,000 +/- 3dB THD < 0.5%
- THD + N (10% Rated Power): 0.1%
- Product Dimensions (Inches / Millimeters):  
7.8 x 5.37 x 2.1 in / 198 x 136.4 x 54 mm



### POWER SUPPLY

Voltage:	8 - 16 VDC
Idling current:	1.32 A
Switched off:	<1 mA
Consumption @ 14.4 VDC 2Ω Max Musical Power	51 A
Remote IN	7 ± 15 VDC (1 mA)
Fuse (recommended - assuming bridged - MAX power)	80 A
DC Offset (Senses DC offset for Turn on/off)	Hi-Level Input (speaker)
VOX (Signal Sensing Turn on/off)	Hi or Lo Level Input (speaker ONLY)
REM (Switched 12V on/off)	Switched 12V turns the amplifier on

### AMPLIFIER STAGE

Distortion - THD @ 1 kHz, 4 Ω, 90% Output Power:	0.10 %
Bandwidth @ -3 dB, 2 V RMS, 4Ω:	10 + 20k Hz
S/N ratio @ A weighted, 2V, Output Power:	91 dBA
Damping factor @ 1 kHz, 2 V RMS, 4Ω:	>200
Input sensitivity:	0.2 - 12 V RMS
Input impedance:	15k Ω
LOAD IMPEDANCE (MIN):	
• 4 Ch: 1-2-3-4	2Ω
• 2 Ch: Bridge (1-2) (3-4)	4Ω
MAX POWER	1426 W
OUTPUT POWER (RMS) @ 12.5 VDC, 1% THD	
• 4 Ch @ 4Ω:	180 W x 4
• 4 Ch @ 2Ω:	288 W x 4
• 2 Ch - (Bridge 1/2; 3/4) @ 4Ω:	591 W x 2
OUTPUT POWER (RMS) @ 14.4 VDC, 10% THD	
• 4 Ch @ 4Ω:	217 W x 4
• 4 Ch @ 2Ω:	347 W x 4
• 2 Ch - (Bridge 1/2; 3/4) @ 4Ω:	713 W x 2

### CEA SPECIFICATIONS

Output power @ 4Ω, ≤1% THD+N, 14.4 V:	217 W x 4
S/N ratio (ref. 1 W output):	75 dBA

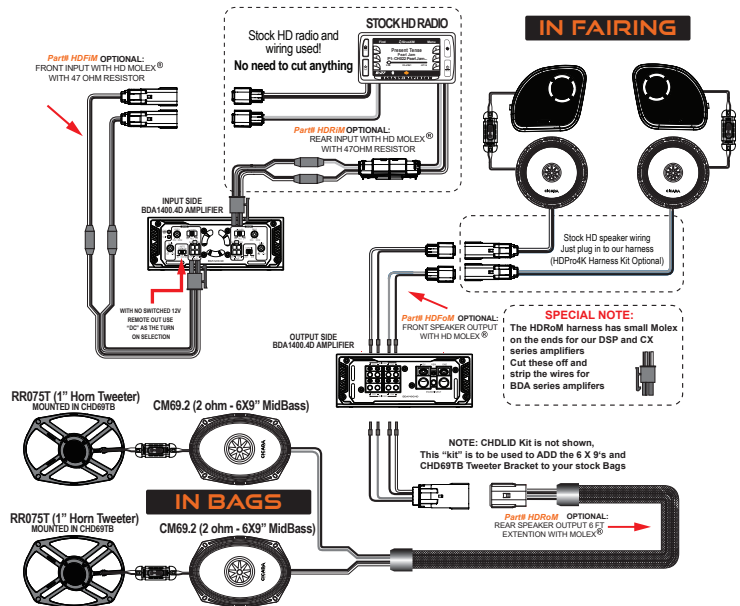
### SIGNAL CONNECTIONS

Input Stage:	4 channels in Both High and Low Input
Input Voltage Range:	0.2 Vac - 15Vac

### SIZE / WEIGHT / WORKING TEMPERATURE

Max size (in/mm.):	7.8 x 5.3 x 2.1 in / 198 x 136.4 x 54 mm
Weight (kg/lb):	1.8 / 4
Ambient operating temperature range:	-20 °C to 80 °C (-4°F to 176°F)

### TYPICAL SYSTEM DESIGN



**"We manufacture the BEST in Motorcycle Audio...PERIOD!"**