

## MODELS / RR1T - 1.0" INCH RING RADIATOR

**100 W RMS / 200 W MAX\***

- 100WRMS/200 MAX Power Handling - PAIR
- Neodymium High Energy/ Light Weight N35 Magnet structure
- Heavy Duty/ Die-cast Aluminum Body
- 4 Ohm for increased durability
- V9 Phase Plug for increased Dispersion and Sound Quality (a Cicada Exclusive!)
- 1.0" Aluminum Diaphragm High-Temp Voice Coil for Tweeter
- Advanced Voice Coil Heat Sink Design for Better Heat Dissipation
- Frequency Response: 2Hz -20Khz+/-5dB
- High Sensitivity: 107dB 1W/1M Average (1W/1M - 2.83V)
- 12dB - 6kHz Crossover with custom tooled/ Vented crossover case



12 dB Crossover

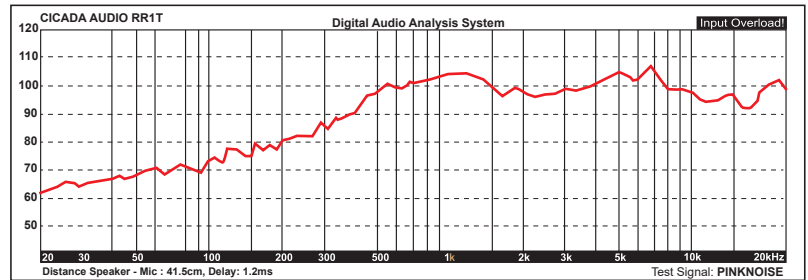
**\*COMES IN PAIRS**

SOLD ONLY IN PAIRS

### TECHNICAL SPECIFICATIONS

Component	mm (in.)	High Efficiency Ring Raditor (Horn tweeter)
Provided in line crossover		Hi-pass filter @ 7.5 kHz - 12 dB Oct LinkWitz-Riley.
Size	in. / mm	2.25 X 1.75 (57.1 X 44.5)
Power Handling (PAIR)	W peak	100W - Hi-pass filtered @ 6,000Hz - 12 dB Oct.
Impedance	Ω	4 Ohm
Frequency Response	Hz	2,850Hz-20k +/- 5dB
Sensitivity	dB/SPL	101.2dB / 105dB Average (1W/1M -2.83V)
Voice Coil Ø	in. (mm)	1.0 (50)
Magnet		Neodymium N35H
Diaphragm		Aluminium
Weight of 1 Speaker	lb. (kg)	0.7 (0.317)

### REAL TIME ANALYZER (RTA) CURVE



These are REAL frequency response curves of our CICADA AUDIO RR1T Ring radiator (Horn tweeters) Typically Full-Range drivers sensitivity is measured full spectrum from 300Hz to 3kHz +/- 3dB (EIA standard) And "averaged". As you can see on the RTA curves these speakers average in the low 100dB range with peaks over 107dB

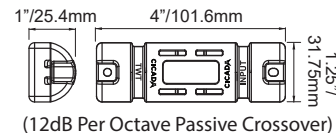
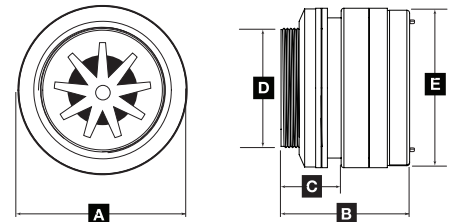
### ELECTRO-ACOUSTIC PARAMETERS - TWEETER

D	inches / mm	1 / 25.4
Re	Ω	4
Fs	Hz	2,850
Le	mH @ 1 kHz	N/A
Vas	l	N/A
Mms	g	N/A
Cms	mm/N	N/A
BL	T·m	N/A
Qts		N/A
Qes		N/A
Qms		N/A
Spl	dB	101.2dB /105dB Average (1W/1M -2.83V)

**\*\*Power Ratings are per PAIR with a Hi-Pass Filter (Electronic or Passive) @6,000Hz - 12 dB Octave**

### RR1T - 1.0" RING RADIATOR DIMENSIONS

A	2.25 in.(57.1mm)
B	1.75 in.(44.5mm)
C	0.75 in.(19mm)
D	1.75 in.(44.5mm)
E	2.2 in.(55.8mm)



### FITMENT APPLICATIONS:

- 2014 - Present Road Glide, Street Glide Fairing with Custom Grills
- 1998 - 2013 Drop-In with Gauge Holes
- 1998 - 2013 Road Glide, Street Glide Upper Fairing with Custom Adapter Kit

Ring radiators (Horn tweeters) are always a "CUSTOM" install, No matter what year of bike. Consult your local HD customizer or custom car audio shop that you trust. We at Cicada always assume worst case scenarios! Just in case!!! We are trying to be the solution-based company for YOU! So, we have designed OUR TWEETER DIAPHRAGM to be easily REPLACEABLE - No soldering or cutting!!!

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