

TRIAD QUICK START GUIDE - GARDEN ARRAY GA4 SAT

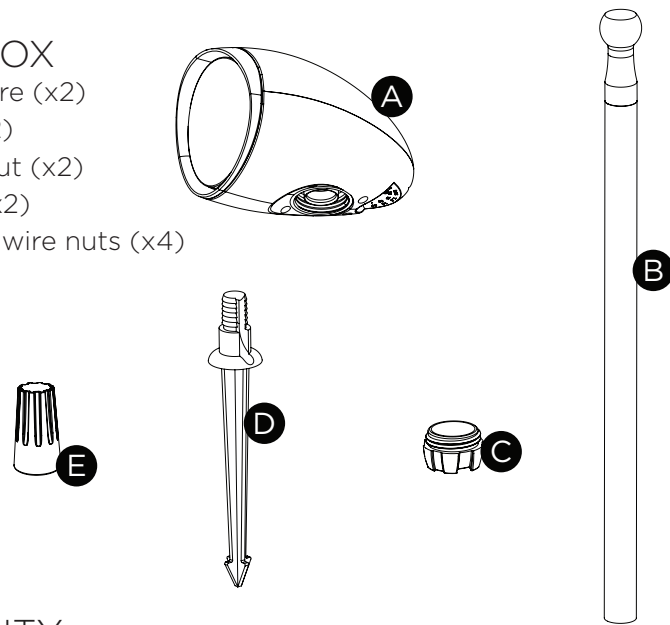
OVERVIEW

The Triad Garden Array is a family of premium, all-weather landscape speakers that are the perfect combination of elegance, sound, and durability. This family includes the unique GA4 Satellite and the powerful GA10 Subwoofer speakers, and are designed to be placed throughout flowerbeds or around the yard blanketing outdoor spaces with rich, beautiful audio. The GA4 Satellite speaker is built around a unique, Ultra-Broad Dispersion (UBD) driver that provides superior sound coverage using fewer speakers. GA4 Sats deliver a 150-degree listening area that is over 50% wider than traditional landscape speakers, allowing for broader speaker placement without compromising sound quality.

GA4 Sats can be driven in stereo pairs by standard amplifiers or receivers. To cover large areas, multiple Sats can be tapped at 3.75 to 30 watt for 70-volt amplifiers or 7.5 to 30 watt for 100-volt amplifiers.

IN THE BOX

- A - Enclosure (x2)
- B - Pipe (x2)
- C - Collet nut (x2)
- D - Stake (x2)
- E - Silicone wire nuts (x4)



WARRANTY

Triad Speakers warranty information

Limited Hardware Warranty—Triad Speakers warrants its hardware product to be free from defects in material and workmanship during the warranty period. If the hardware proves to be defective in material or workmanship during the warranty period, Triad Speakers will, at its sole option, repair or replace the product with a like product. The warranty extends only to products purchased directly from Control4 Corporation or an Authorized Control4 Dealer. For complete limited warranty information, including details on purchaser legal rights as well as limited warranty exclusions, visit www.Triad.com/legal/warranty.

Return Merchandise Authorization (RMA) information

For Sales RMAs contact your Inside Sales Associate. Your ISA information can be found in the My Account section of the Dealer Portal under Control4 Contacts.

Technical Support information

Phone: 503-517-2668
Hours: 9:00 a.m. - 5:30 p.m. PST (Monday - Friday)
Email: service@triadspeakers.com

TOOLS NEEDED

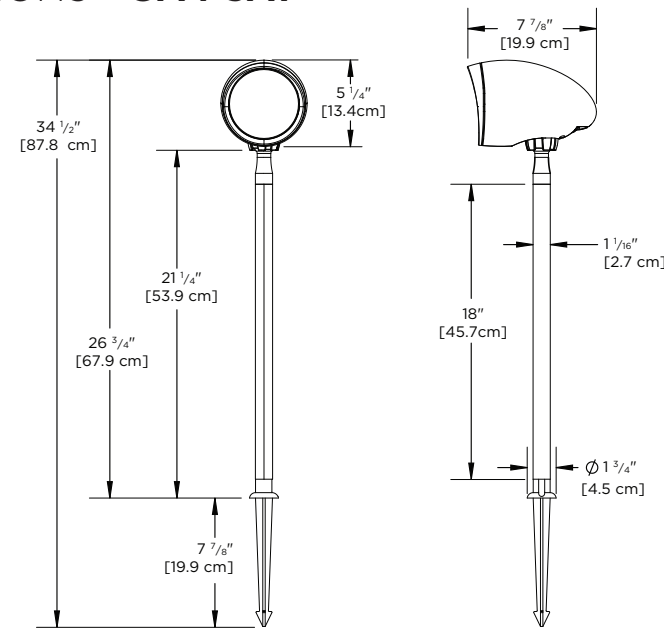
In addition to typical installation tools, Triad recommends the following items:

- Rubber mallet
- Plastic pipe cutting tool

NOTE ON PARTS

Pipe is 3/4" nominal size that will mate with standard 3/4" (21mm) nominal conduit components.

DIMENSIONS - GA4 SAT



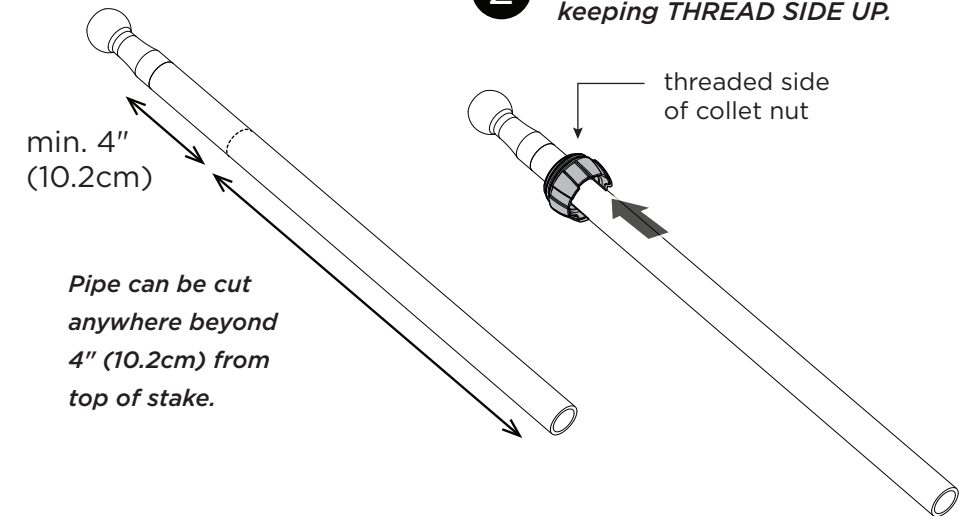
SPECIFICATIONS - GA4 SAT

Enclosure size - in. (H x W x D)	24 1/2 x 5 1/4 x 7 7/8	Recommended amplifier power (W)	15-60 direct 3.75 - 35 per Sat @ 70/100V
Enclosure size - cm (H x W x D)	87.8 x 13.4 x 19.9	Nominal Impedance (ohms)	8 ohm
Product weight (ea.)	3.37 lbs 1.53 kg	Minimum Impedance (ohms)	5.5 ohm
Shipping weight (ea.)	8.29 lbs 3.76 kg	Sensitivity (dB @ 2.83V, 1 m)	87
Woofers size (in.)	4.5" nominal	Frequency Response	100 Hz - 20 KHz
Woofers material	Coated pulp		4 π +/- 3dB

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ASSEMBLY

- 1 Determine desired height of sat and cut pipe if necessary.

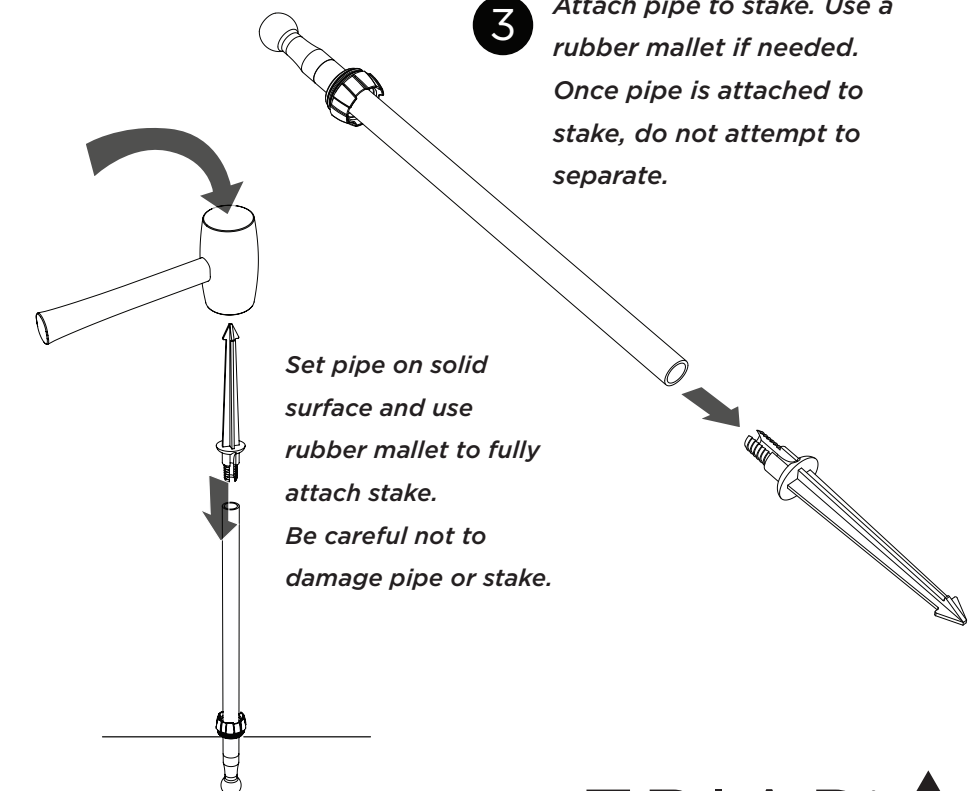


Pipe can be cut anywhere beyond 4" (10.2cm) from top of stake.

CAUTION

Before proceeding, ensure collet nut is on correctly and pipe is cut to correct height. Once stake is installed (next step) it cannot be removed.

- 3 Attach pipe to stake. Use a rubber mallet if needed. Once pipe is attached to stake, do not attempt to separate.

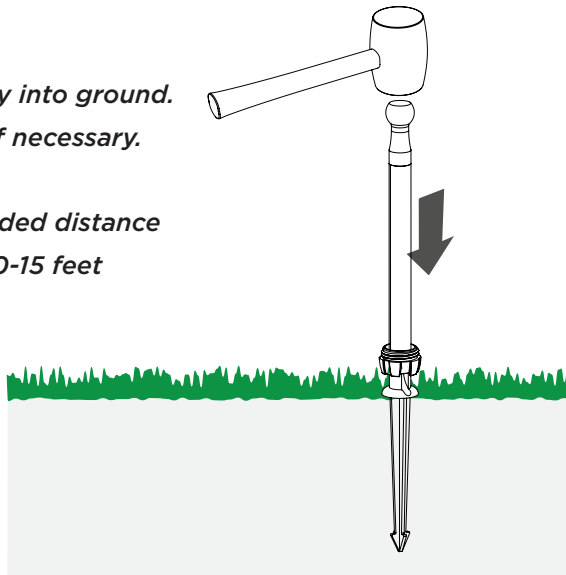


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ASSEMBLY, cont.

- 4** Hammer assembly into ground. Dig a small hole if necessary.

Note: Recommended distance between sats is 10-15 feet (3-4.5m).

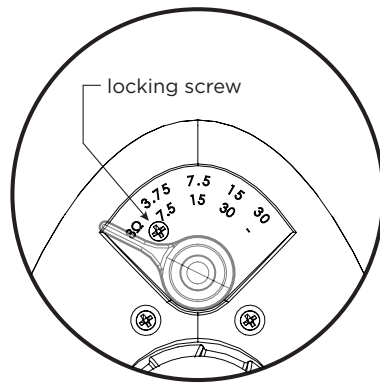


IMPEDENCE / 70V TAP SELECTION

Triad GA4Sat speakers come ready to work with either direct standard stereo amplifiers or 70/100V systems. Confirm that the dial underneath the enclosure is set to the appropriate value for your amplifier and number of connected speakers. The total wattage of all speakers should equal 80% of the amp's maximum output. For the Crown CDi 600 amp, the total watts should be 480 per channel. Appropriate combinations would be 16 GA4 Sats set to 30 watts (16x30=480), 32 GA4 Sats set to 15 watts (32x15=480), etc.

A locking screw prevents the dial from inadvertently switching to low impedance. If desired, remove the locking screw, adjust the dial, and reassemble screw.

Caution: Do not drive speaker with direct stereo amplifier when switched to 70/100V taps. Damage to amplifier or speaker may occur.

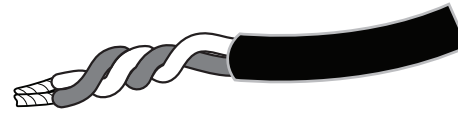


SWITCH POSITION CHART

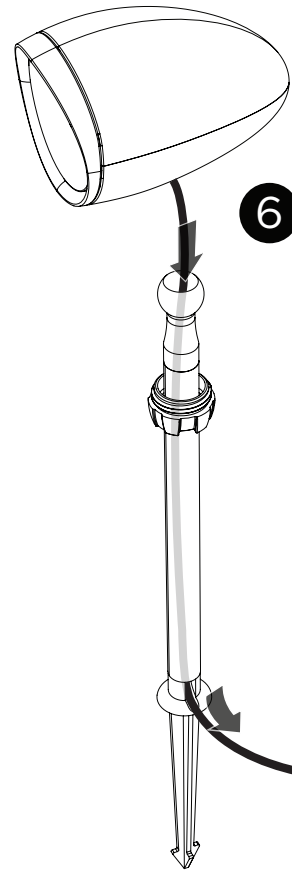
	1	2	3	4
70V Amp	3.7 watts	7.5 watts	15 watts	30 watts
100V Amp	7.5 watts	15 watts	30 watts	n/a watts
Low Impedance Amp	Remove screw and put in 8 Ohm position	n/a	n/a	n/a

ASSEMBLY, cont.

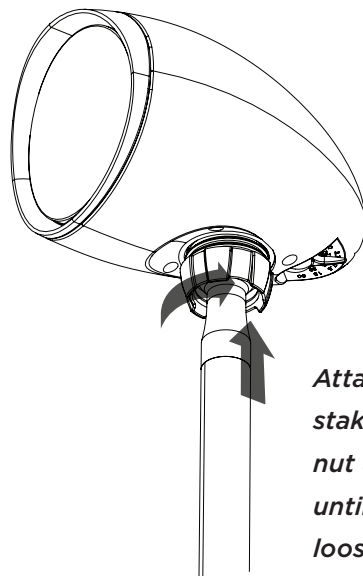
- 5** Twist ends of wire tightly to facilitate threading them through the pipe assembly.



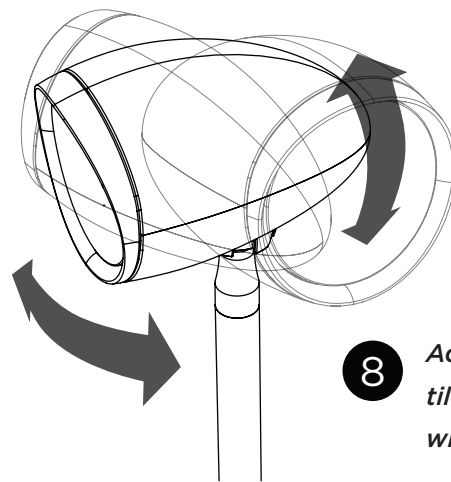
- 6** Feed wire from enclosure into hole in stake top, through pipe, and out the opening in the stake.



- 7** Attach enclosure to stake top, slide collet nut up, and tighten until enclosure is loosely held in place.

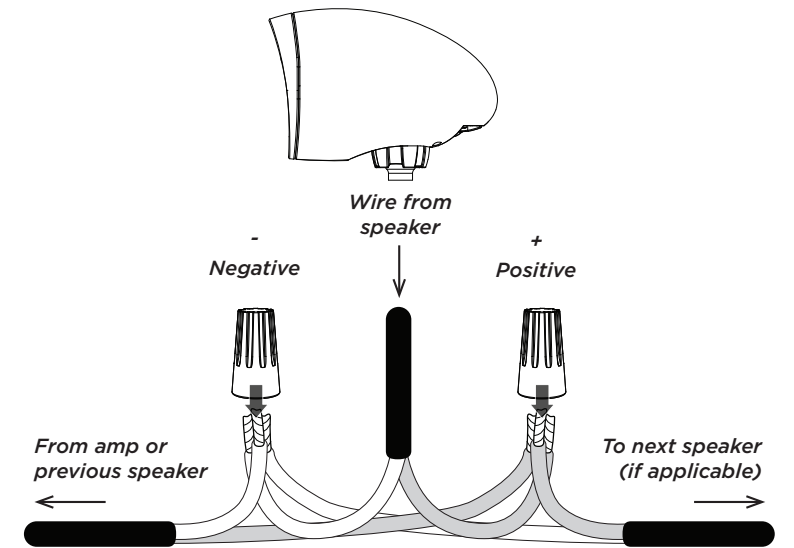


- 8** Adjust enclosure to desired direction and tilt. Tighten collet nut to secure in place when finished.



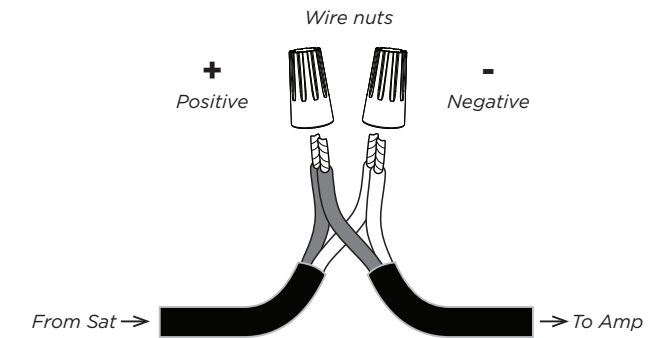
WIRING INSTRUCTIONS

Diagram for wiring speaker to 70/100V amp line in parallel.



ALTERNATE WIRING

Use below diagram for wiring in low impedance.



WIRE GAUGE FORMULA

In 70V and 100V applications we recommend a "run constant" for 16 gauge wire of 90 kW•foot. When following the suggested configuration of 8 sats set to 30W, the maximum recommended run distance for 16 gauge wire would be 375 feet (114m). Beyond 375 feet, 14 gauge wire is recommended. For alternate configurations, please use the formula to determine if 16 AWG is appropriate:

$$\frac{\text{number of speakers (a)} \times \text{wattage of speakers (b)} \times \text{length of wire in feet (c)}}{1,000} = \text{kW}\cdot\text{foot (z)}$$

If (z) is over 90, 14 gauge wire is recommended.