

# Spica

## Gravity™ Loudspeaker Stands

### Instructions for Assembly and Use

Your Spica Gravity stands are designed to provide optimum support for your Spica TC-60 speakers. They are unobtrusive, stable, massive, non-resonant, and adjustable.

Take care when unpacking. The component parts are very heavy steel and if you're not careful, you risk scratching their epoxy powder painted surfaces. Follow these steps:

1. Assemble the vertical support tube to the larger metal plate. Each vertical support has a cutout in the welded-in plate inset near its top. These cutouts are provided so you may easily add damping materials into the support tube cavity. (See below)

Insert a bolt through the bottom of the base and into the vertical support tube. Tighten it very firmly with the allen-head wrench we've supplied.

2. We recommend using the spikes for virtually all installations, since the spikes are very effective for "coupling" stray speaker cabinet resonances that have traveled through the stand into your floor. Rubber bottomed feet are available by special order, primarily if you cannot risk making tiny spike imprints in a wood floor, or if you have a marble floor on which the spikes would have no benefit. (If your listening room has a marble floor, your acoustic problems will dwarf your inability to use spiked feet)

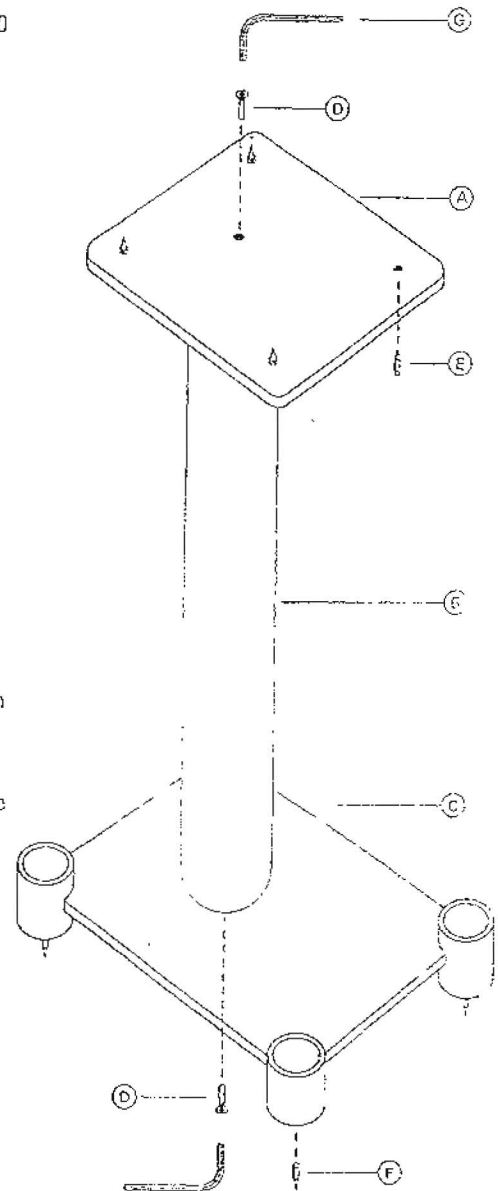
3. After the vertical support tubes are firmly bolted to the bottom plates, it's time to pour in damping material, which will further "deadend" the hollow vertical support tubes. You may have considered using lead shot, but we don't endorse bringing toxic materials into your home. You can achieve excellent damping with very fine dry sand which is readily available at any building supply yard.

Each vertical support tube holds about 13 cups or 32 liters. A 25 lb dry weight bag should be enough for both stands. Use a large kitchen funnel inserted into the cutout inside the top of the tube. Pour the sand in slowly, and jostle the sand occasionally so the sand settles completely as it is added. Add sand nearly up to the insert plate, but don't cover the bolt hole.

4. Position the smaller top plate over the vertical support, its top side has a bevel to recess the bolt head. Insert the bolt and tighten it firmly.

5. Insert the small spikes from the bottom into the four holes near the corners. Thread them up so they all protrude the same distance above the top plate. Spin the small nuts over them a few turns, but don't tighten them yet. You'll tighten these after the final spike positions have been fixed.

6. Place the stands in the positions you previously identified for your speakers, according to the guidelines in your Spica Instructions/Set-Up Manual.



ITEM	PARTS LIST	QTY
A	TOP PLATE	1
B	VERTICAL SUPPORT TUBE	1
C	BOTTOM PLATE	1
D	BOLTS 1/4" X 1"	2
E	TOP SPIKES	4
F	LOWER SPIKES	4
G	ALLEN KEY	1

It's wise to mark your floor at the optimum position of each speaker stand once you've determined it from the guidelines in the Spica instruction manual. A small "x" marked with tape at the position of the two rear spikes or feet will make it simple to restore correct placement in case the speakers are moved for any reason.

7. Adjust the spikes under the lower base so the stand is level. Its range of adjustment can compensate for an uneven floor and still adjust for height.

8. Adjust the spikes in the top base. By raising the two front spikes relative to the two rear spikes or vice versa you can effect a substantial speaker tilt adjustment. Pay close attention to the instructions in the Spica manual for optimum results. Once you've adjusted the small top spikes, you can tighten down their small nuts to lock them against the top plate to prevent any "chattering" of micro-resonances between the threads of the spikes and the threads of the holes.

We strongly recommend using the spikes in the top plate. Please don't worry about making tiny pin-point indentations in the bottom of your Spica speakers - after all, you'll never see them.

9. We've also supplied four large cap nuts which you can attach to hide the threads which may show above the top side of the lower base. These are purely decorative and are not necessary for correct functioning of the stand. The substantial combined weight of the speaker and stand will prevent the spikes or feet from chattering inside their threaded holes.

If you have any questions regarding assembly or correct use of your Spica Gravity stands, please call your Spica dealer.

### SPICA LIMITED WARRANTY

Your Spica Gravity Stands are covered by a limited warranty against defects in materials and workmanship for a period of five years from date of purchase. This warranty is provided by the authorized Spica dealer from whom they were purchased. Warranty repair will be performed only when your purchase receipt is presented to validate your ownership, date of purchase and authorized status of the selling dealer. Defective parts will be repaired or replaced without charge by your authorized dealer's store or the location designated by your dealer that is authorized to service Spica equipment. Additional information is available by calling or writing to the Service Manager, Spica Loudspeakers, at the address below. Charges for unauthorized service and transportation costs are not reimbursable under this warranty.

This warranty becomes void if the stands have been damaged by improper assembly, alteration, misuse, accident or neglect. The warrantor assumes no liability for property damage or any other incidental or consequential damage whatsoever which may result from the failure of this product. Any and all warranties of merchantability and fitness implied by law are limited to the duration of this expressed warranty.

Some states do not allow limitations on how long an implied warranty lasts, so the above limitations may not apply to you. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

This warranty gives you specific legal rights and you may also have other rights which vary state by state.

Spica

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