

PARTS CONNEXION



TRT

DynamiCap Installation Instructions, Recommended Cap Directionality:

Loudspeaker version ("L" may be on label), and also all new DynamiCap Signatures (both L and E):

Shorter lead wire is input or plus end. If you reverse cap direction, trebles will be softer.

Electronics version ("E" may be on label):

Longer lead wire is input or plus end. If you reverse cap direction, trebles will be harder and mid-ranges will be less airy.

If cap is used in a feedback loop or in the negative polarity part of a balanced circuit, the sonically optimum direction might be reversed; you should experiment to see which cap direction sounds better.

Damping blanket coating (L, but not E). When fully cured, DynamiCap's integral damping coating is dry and relatively hard to the touch, but internally it is still pliable, and it has a great molecular affinity for itself, with long chain molecular intertwining (which is why it is so effective at damping). This means that plural DynamiCaps should not be jumbled in a parts bin, or pressed together for an extended period of time prior to assembly. The coating's molecular affinity for itself can cause two caps to grow together over time, if they are left pressed together for an extended period (note that even two pieces of metal can fuse together if their bare faces are left together). We ship DynamiCaps with separators between caps, and it is advisable to keep the caps separated until you are ready to install them. Of course, if you do want to jumble DynamiCaps in a parts bin, or store them in rows right next to each other, simply ask for the tape wrap packaging option.

Soldering Instructions: Good soldering technique for all electronic parts requires that you do not insert too much heat into the part during soldering. To accomplish this, do not leave the soldering iron on the joint too long, do not apply the iron too close to the part (leave a reasonable length of wire lead between the part and the solder joint), and do use a heat sink (e.g. a pair of pliers) between the iron and the electronic part. Like most electronic parts, DynamiCaps can be damaged if you violate these rules of good electronic soldering practice.

.01 uF Special Handling:

The .01 uF (in the standard hotrod/hobbyist version) does not have its wire leads anchored by epoxy, so the cap's tin foil body can tear (where the wire lead is soldered to it) if you handle the cap roughly or bend its leads while holding its body. If you want to bend one of its wire leads, hold that lead near cap body with needle nose pliers as shown, while bending lead farther from cap body. We also make ruggedized versions, including cast epoxy ends to anchor the leads, so they can be bent without special care.

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