



EXPERIENCE THE ULTIMATE IN MUSICALITY

Thank you for purchasing Danacable™. This extraordinary product will make your audio system perform at its best potential.

Cables, being conductors, can impede the free flow of audio signals if their design, material, or construction techniques result in too high a Resistance (R), Inductance (L), or Capacitance (C). The Danacable patent-pending design, material, and unique construction result in extremely low R, L, and C measurements as compared to other cables. But the proof is in the listening. By following the simple and easy instructions below you will have your cables properly installed in no time. Then you can turn your system on, sit back, and experience the ultimate in musicality, Danacable™.

Installation & Operating Tips for our Speaker Cables

Each Danacable speaker cable consists of multiple large conductors ranging from 8AWG to 2AWG with patent-pending construction. This results in vanishingly small values for R, L and C, allowing your system to perform at its best. Special locking connectors are utilized, insuring these low values are maintained once the cable is installed in your system.

Termination and connector options

Danacable speaker cable has an Amplifier end (A-end) and a Speaker end (B-end). Termination options are single wire and bi-wire. Connector options are spades, locking bananas, and our proprietary DanaRings™. The 2-weave designs, Duo Mk.2 and Sapphire Mk.2, are single wire only and our 4-weave designs, Onyx Mk.2, Sapphire Reference Mk.2, Diamond Reference Mk.2, and the Ultra Magna and Summa models, are naturally bi-wire end-to-end. The standard connectors for the 2-weave design are spades at the A-end and bananas at the B-end. The standard connectors for the 4-weave design are two spades and two locking bananas at the A-end and the B-end. The combination of spades and bananas allows for the doubling of connectors onto the binding posts to reduce pressure from the heavy weight of the cable on the delicate banana connectors. See below for instructions on how to connect and disconnect the cable at the binding posts.

Locking banana connectors

The special locking bananas are shipped with the round locking knob fully tightened (i.e., locked) to prevent them from dislodging during shipment. Before connecting the bananas they must be unlocked. The locking knob on the backside must be loosened approximately 3 full turns, then once inserted, they must be re-tightened to lock them in place.

Note: Before installing bananas into the back of a terminal, check that the terminal itself is first tightened fully.

Cable Direction and Break In period

Based on our experience, Danacable requires a break-in period to perform its best. It should sound good right out of the box but will “sing” after about 50 to 100 hours when left undisturbed in place with signal transmitted. One good way to break in is to play a pink noise track from a Test CD repeatedly at low volume for a couple of days before evaluating the cables. Once the cable is installed in one direction, if you reversed the direction of the cable, the sound will be bright and edgy at first but will eventually become smoother and more musical over time. So do keep the cables installed in the same direction as the break-in direction for best results. To make it easier to remember, just keep the direction arrow and the DanaCable logo in the same direction as the signal from the amplifier to the speakers.

Cable connections

With 4 connections available on each end there are three possible connection topologies.

Important: Always connect and secure the *spade connectors first* when installing the cable, and *remove the spades last* when disconnecting it.

1) Standard: Used when the speaker has only one pair of binding posts

Amp ends – Switch all amplifiers off, connect and tightly secure the spades of each speaker cable to their corresponding terminal posts on the amplifier; red to red (+) and black to black (-). Next unlock the bananas, install them in the back of corresponding red/black (+/-) terminals on the amplifier. Then lock them by tightening so both left and right speaker cables are connected on the amp end.

Speaker ends - Repeat above procedure, spades first, unlock bananas, insert bananas and re-tighten so both left and right speaker cables are fully connected in your system.

2) Bi-wire: Used when the speaker has two pair of connections (i.e. one set for LF driver, one set for the MF/HF drivers) Amp ends - Same procedure as **Standard** above

Speaker ends - Connect and secure tightly the spades to their corresponding LF (woofer/subwoofer) terminal posts on the speaker, red to red (+) and black to black (-). Next unlock the bananas, install them in the back of corresponding MF/HF (monitor/upper frequencies) pre-tightened terminals on each speaker. Then lock the bananas by tightening so both left and right speaker cables are connected in your system.

3) Bi-amp: Used when each bi-wire speaker is driven from two amplifiers, one for the LF and one for the MF/HF.

Amp ends - Switch all amplifiers off, connect and secure tightly the spades to their corresponding LF (woofer/subwoofer) amplifier terminal posts, red to red (+) and black to black (-). Next unlock the bananas, install them in the back of corresponding MF/HF (monitor/upper frequencies) amp pre-tightened terminals. Then lock the bananas by tightening.

Speaker ends - Connect and secure tightly the spades to their corresponding LF (woofer/subwoofer) terminal posts on the speaker, red to red (+) and black to black (-). Next unlock the bananas, install them in the back of corresponding MF/HF (monitor/upper frequencies) pre-tightened terminals on each speaker. Then lock the bananas by tightening so both left and right speaker cables are connected in your system.

Option for single terminations at the amp end

To make it easier on the A-end (amplifier), we offer the optional choice of single terminations for our bi-wire models (all 4-weave designs). Instead of the 4 terminations at the amp-end, we re-terminate the 4 wires into 2 terminations, with choice of spades, bananas, or DanaRings connectors. This not only simplifies the connection but also allows for installation to amplifiers with the Cardas-type of binding posts that do not accept bananas. The Ultra Magna and Summa models come standard with the single wire terminations while all other 4-weave models can have single wire termination with added cost.

Options for spade- or DanaRing-only terminations at the speaker end

For speakers with the Cardas-type binding posts that do not accept bananas, we offer either single wire or bi-wire termination of spades or DanaRings at the speaker-end. The Ultra Magna and Summa models come standard with the single wire terminations while all other 4-weave models can have single wire termination with added cost.

Should you ever misplace this manual, it is also on our website
www.danacables.com/DanaCableSpeakerCableManual2016.pdf/

WARRANTY

DanaCable carries a 1-year warranty against manufacturing defects.

To register the product, please complete and return the lower half of this page to:

GINGKO AUDIO
8 Nicklaus Lane
Farmingdale, NJ 07727

NOTE: Registration also available at www.danacables.com, click on Warranty Registration tab.

GINGKO AUDIO DANACABLE WARRANTY REGISTRATION (* Required Field)

*NAME:

*ADDRESS:

*EMAIL:

PHONE:

*I BOUGHT DANACABLE (please circle all applicable product(s):

- Ultra Summa SC
- Ultra Magna SC
- Diamond Reference SC
- Sapphire Reference SC
- Onyx SC
- Duo SC

Previously to using Danacable, I used _____ cables.

Please tell us about your audio system (make and model): speakers, amp, preamp, sources, cables, accessories, etc.: