

DC-CSKspk1 Cut-Short Kit for Speaker Cables

APPLICATIONS

The DC-CSKspk1 kit may be used for the following applications:

- Shortening Dual Connect speaker cables DC-S200 (2m) and DC-S400 (4m)
- Splitting one DC-S400 into two sets of 2m length
- Terminating Dual Connect DIY speaker wires DC-DIYspk200 (2m) and DC-DIYspk400 (4m)

Fig. 1. The content of a DC-CSKspk1 Cut-Short Kit



CONTENT

One piece of DC-CSKspk1 includes the following items:

- 4 pcs. gold plated copper spade terminals
- 1 pc. red shrink sleeve (10cm)
- 1 pc. black shrink sleeve (10cm)
- 1 pc. small roll of silver solder (1m)
- 1 pc. manual

PLEASE OBSERVE! Make sure to read carefully through all of the information below before commencing the work. If any doubt, please contact your local Dual Connect dealer.

WARNING! Do not replace the gold plated spade terminals by any kind of mains plugs/sockets/inlets/outlets or any terminals/conducting objects etc. that may make electrical contact to mains supply or other dangerous voltages.

CUT-SHORT PROCEDURE

1. Do not cut away the cable ends fitted with labels. Cut the opposite ends.
2. Cut to length two pieces of red and two pieces of black shrink sleeves and apply them with correct colour coding on the four cut cable ends. Make sure the shrink sleeves cannot be damaged or heated during the following wire stripping and terminal soldering.
3. Strip the four cable ends so approx. 7mm (0.25-0.3") of the dual conductor is exposed. It is not necessary (not recommended) to remove the gold plating.
4. Fit the four gold plated spade terminals on the four stripped cable ends.
5. Please read the soldering information below before soldering. Then join together the spade terminals and the stripped cable conductors by soldering. We recommend using the supplied high quality silver solder. Await that the items cool down before they make contact with human skin or objects.
6. Place the four pieces of shrink sleeve so they cover the four gold plated spade terminal solder sections.
7. Shrink the four shrink sleeves with a flameless heat shrink gun and wait for the items to cool down.
8. Check that the red/black colour coding is correct before connecting the shortened speaker cables to your audio equipment.

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SOLDERING INFORMATION

1. The solder iron must have sufficient power capacity to quickly heat up the items to be joined together to ensure a relatively short soldering time.
2. The solder must contain a non-corrosive weakly active flux, so existing oxide layers can be removed to improve the solderability. We suggest using the solder supplied with the Cut-Short Kit.
3. The solder gauge and solder melting point must be chosen, so all the solder applied becomes fully liquid during a relatively short soldering time. We suggest using the solder supplied with the Cut-Short Kit.
4. Do not expose the solder joint to vibrations when the solder is liquid. This may cause a brittle joint of low strength and poor electrical conductivity.
5. After soldering, the flux must be removed to prevent corrosion.

WARNING! Solder fumes and gases are toxic and must therefore be extracted in an effective manner to avoid health risks.

MATERIAL DATA

Part	Material	Comment	Properties	Value	Unit
Terminal	Copper, Cu	Spade	Purity Cu	99.98	%
	Gold, Au	Plating	Plating thickness	0.5	um
Solder	Tin/Silver, Sn/Ag ("Silver solder")	Lead free	Percentage Sn/Ag/Cu	95.8/3.5/0.7	%
			Melting point	+217 +423	Deg. C F
Marking	Polyolefine	Red/black tubing (shrink sleeves)	Max. operating temp.	+135	Deg. C
				+275	F

CAUTION

*As a safety precaution against electrical shock, no Dual Connect cables or wires may be connected to the mains or other dangerous voltage sources.
Avoid sharp bending of Dual Connect cables and wires as this may deteriorate the reliability and performance.*