

These instructions may seem unnecessarily complicated but the most common cause of a system not working first time is incorrect connection of the loop cable or the substitution of some other cable for that specified. If in doubt, please ask us.

### Loop cable installation

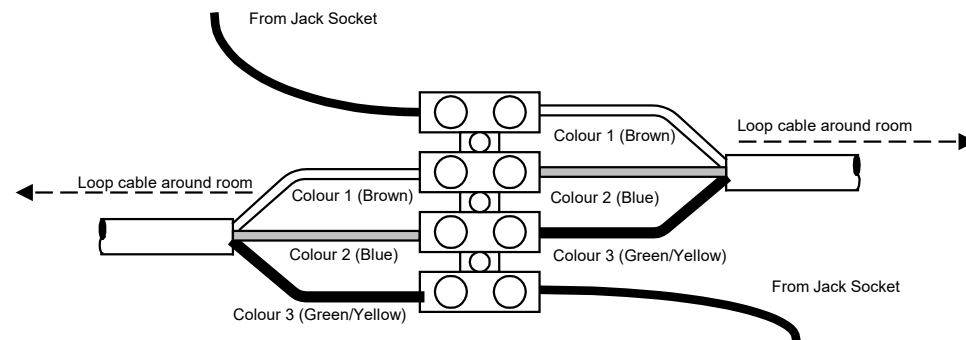
The loop cable supplied, or specified, should be fixed around the perimeter of the area in which the loop signal is to be received. The cable can be fixed at any height between just below floor level and 3.5 metres above floor level, unless otherwise specified. The cable can be fitted above suspended ceilings or below floor boards within these limits. It is recommended that the cable is not run parallel and close to telephone or intercom cables.

The cable supplied should be of approximately the correct length if ordered directly. It can be shortened by a maximum of 10% without affecting the performance of the system. If there is insufficient cable consider re-routing it. It can normally be extended by up to 10% with cable of the same or larger cross-sectional area without affecting performance. Please contact our technical department for advice if there is a need to alter the cable length more than this.

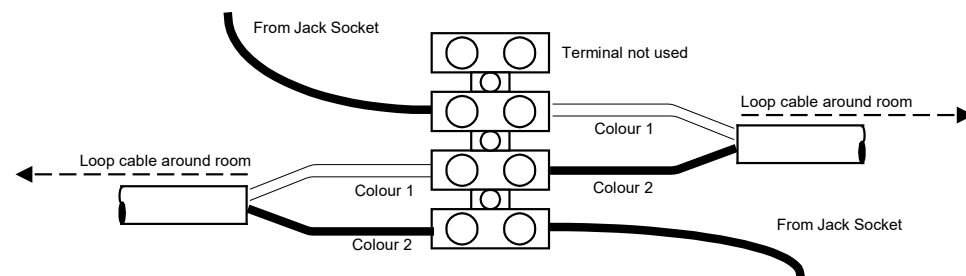
### Junction Box Wiring

Please refer to the diagrams when connecting the cable to the junction box. A piece of 4 way connector block has been supplied (only three ways will be needed when connecting two core cables).

The cable cores may be coloured differently to those in the following diagrams, if this is the case just allocate one colour to each number, e.g. if the cable is a 3-core cable with yellow, orange and red cores you might call yellow-colour 1, orange-colour 2 and red-colour 3. Similarly with a 2-core cable coloured red and black you might call red instead of brown for colour 1 and black instead of blue for colour 2.



Junction Box Connections - 3-core Loop Cables



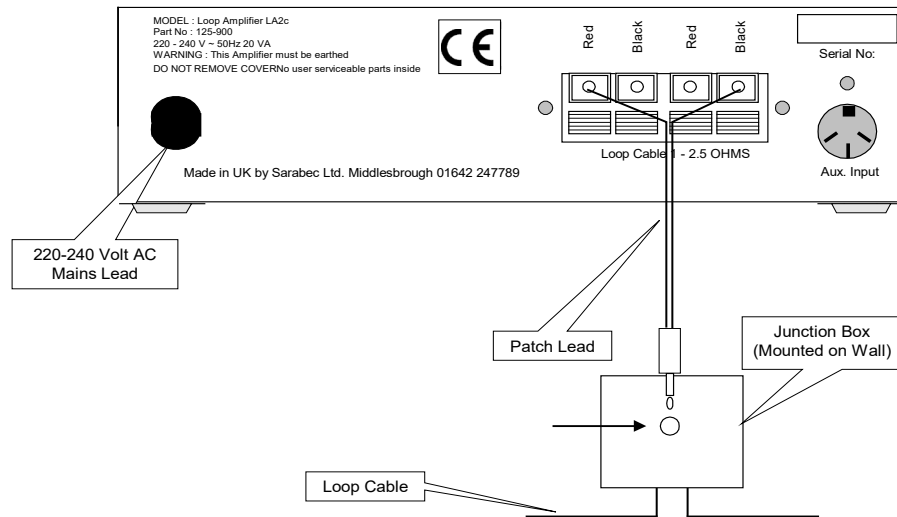
Junction Box Connections - 2-core Loop Cables

If you wish to connect two or more Sarabec junction boxes, please contact our technical department for installation details.

## Connection to the Amplifier



The patch lead (part No. 300-054) is used to connect the loop cable junction box to the amplifier. Insert the jack plug into the jack socket on the junction box. Connect the other end of the patch lead to the 4 terminal block on the rear of the amplifier; one lead to the left-hand terminal and the other one to the right-hand terminal. The middle terminals are not used with a patch lead. The patch lead can be extended if required following the same rules as for the loop cable extension.



## Loop Cable Junction Box For LA2c Loop Amplifiers Twin/Three Core Loop Cable

## Accessories and Spares

A full list of accessories and spares with prices is shown in our current product guide, available on request. Please check the current price and quote both the description and part number when ordering.

Part No.	Description
300-054	Patch Lead



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