PWB. Electronics

COLOURED ELECTRET RING TIES.

We have now developed a significantly advanced version of this popular P.W.B. device, to necessitate some revised instructions. Previously, all Electret Ring Ties were applied in random fashion around the circumference of the insulation of any type of electrical interconnecting wire. The new type of Electret Ring Tie is now capable of being attached, in such a way, that the adverse energy pattern which is imposed by the different types of electrical load on the interconnecting wire, can be specifically beneficially manipulated.

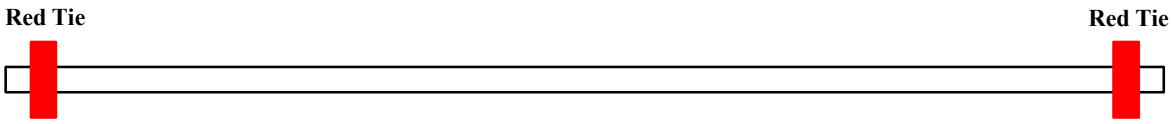
Three categories of modern technological objects have now firmly established their energy patterns within the ever evolving world of nature.
The first category is the moving coil loudspeaker assembly.
The second category is the A.C. power and its associated distinctive connecting plugs and sockets which are used extensively within any one country.
The third category is the highly refined, distinctive types of metal used in electrical conductors.

A moving coil loudspeaker will impose, on its interconnecting wire, a specific energy pattern. The A.C. power supply imposes on the interconnecting wire which conducts it a further distinctive specific pattern. Fortunately, there is a very limited availability of dominant energy patterns within 'space geometry' so that most other items of electrical equipment fall into one broad category.

A.C. power Interconnects.

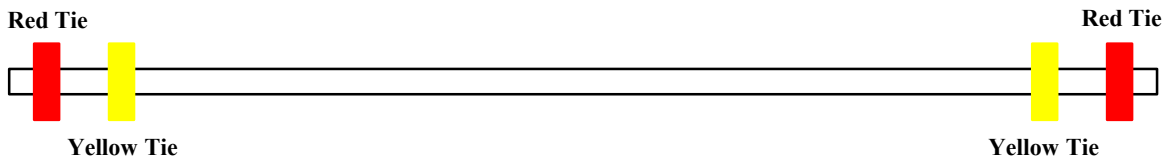
A beneficial energy pattern can be imposed on any A.C. mains power interconnect wire by applying a P.W.B. Red Electret Ring Tie around the insulation near the ends of the conducting wire.

Stage One is to apply a Red Ring Tie at each extreme end.

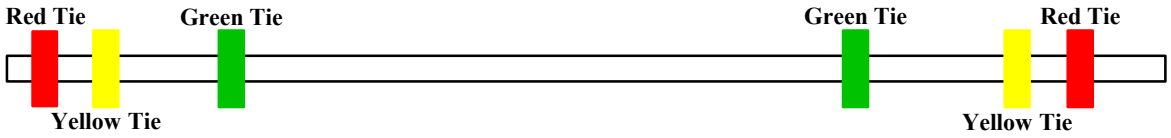


This basic A.C. power wire treatment can be considerably improved in incremental stages by applying the full range of Coloured Electret Ring Ties.

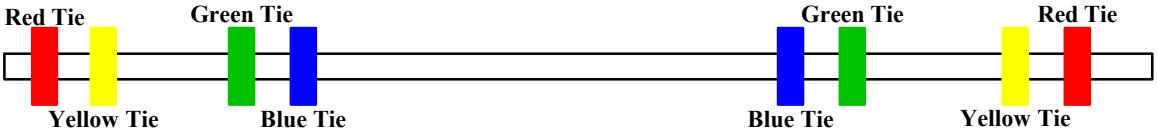
Stage Two is to apply a Yellow Ring Tie adjacent to each of the Red Ties.



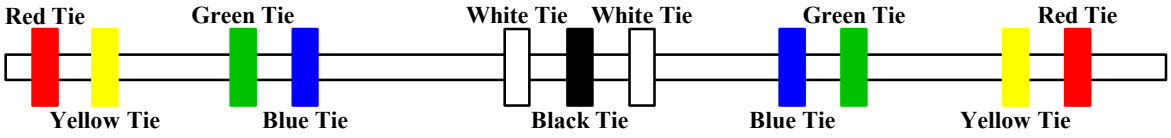
Stage Three is to apply a Green Ring Tie following each of the Yellow Ring Ties as per the diagram.



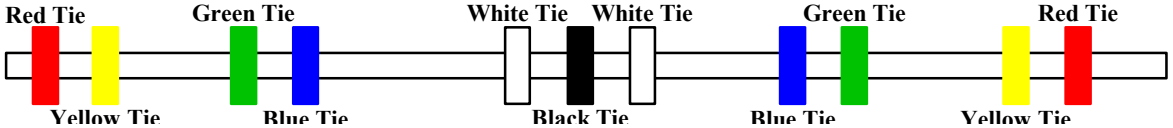
Stage Four is to apply a Blue Ring Tie adjacent to each of the Green Ties.



Stage Five is to attach, around the insulation - in the centre of the A.C. connecting lead, a White/Black/White Ring Tie combination.

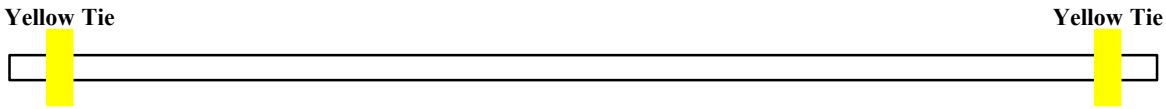


In practice, we usually apply the Coloured Ring Ties spaced, in sections, at intervals along the entire length of the cable, so that the Black Ring Tie of the White/Black/White combination is situated at the centre of the interconnect. The Red Ring Ties at the extreme ends, the Yellow Ties immediately adjacent to the Red Ties, the Green Ties situated half way between the Yellow and White Ties and the Blue Ties immediately adjacent to the Green Ties.

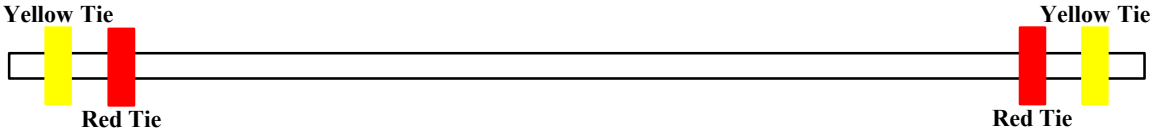


Audio Interconnects, including p.u. cartridge/pre-amplifier Interconnects.

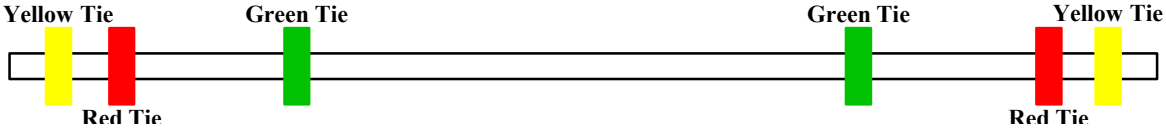
Stage One is to apply one Yellow Ring Tie around the insulation, near to each end of the audio interconnect.



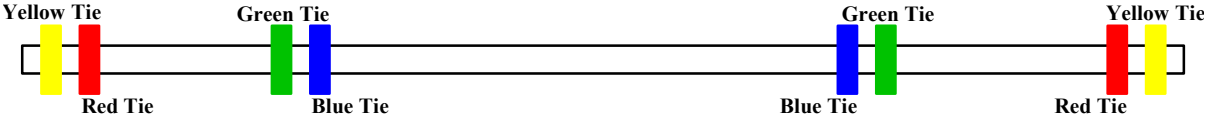
Stage Two is to apply a Red Ring Tie adjacent to each of the Yellow Ring Ties.



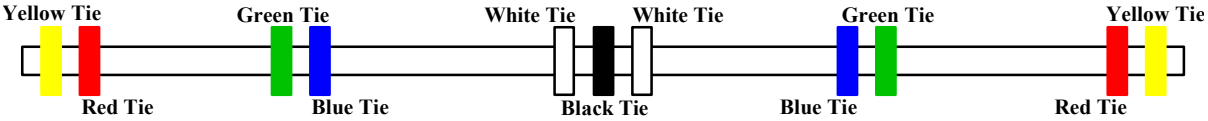
Stage Three is to apply a Green Ring Tie following each of the Red Ring Ties.



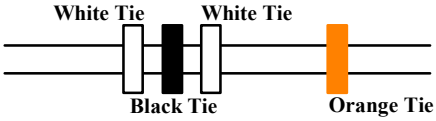
Stage Four is to apply a Blue Ring Tie adjacent to each of the Green Ring Ties.



Stage Five is to apply - in the centre of the audio interconnect, a White/Black/White Ring Tie combination.



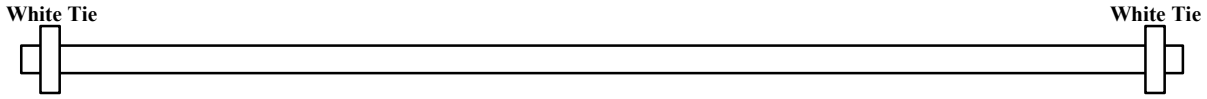
ALL interconnects can be further enhanced by attaching one Orange Ring Tie adjacent to one of the White Ring Ties of the White/Black/White Ring Tie combination. The Orange Ring Tie should be attached as per the diagram.



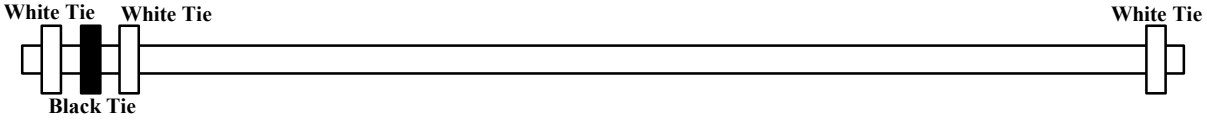
Moving Coil Loudspeaker system Interconnects.

The moving coil loudspeaker system is used extensively throughout the world and a fixed energy pattern has now become established for this very distinctive technological object. Similarly, the same distinctive energy pattern has been established at the loudspeaker terminations on all audio power amplifiers.

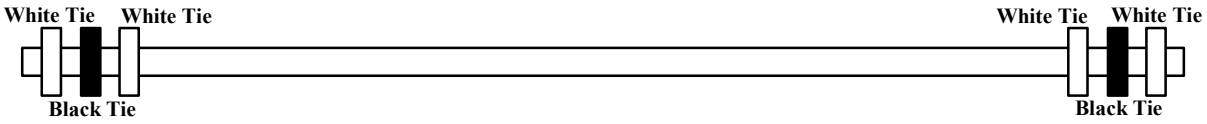
Stage One is to attach one White Ring Tie around the insulation near to each end of the loudspeaker interconnect.



Stage Two is to complete, at least at one end of the loudspeaker interconnect, the complete White/Black/White Ring Tie combination.

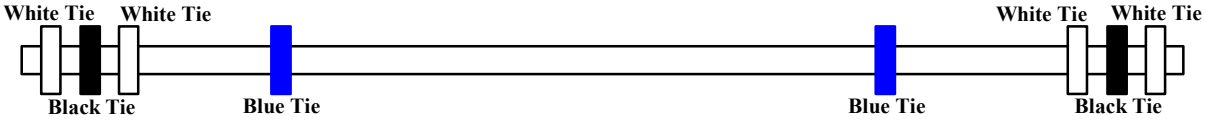


Stage Three is to complete the White/Black/White Ring Tie combination at the other end of the loudspeaker interconnect.

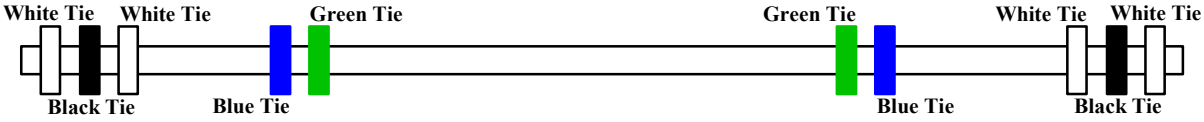


With the new type of Electret Ring Ties, it is permissible to apply a single White Ring Tie but when a Black Ring Tie is placed adjacent to a White Tie, it is necessary to always apply a further White Ring Tie so that the Black Tie is 'enclosed'. Each White/Black/White Ring Tie assembly should be understood as a complete triple assembly.

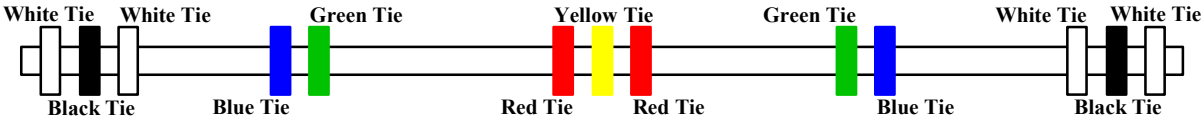
Stage Four is to apply a Blue Ring Tie following each of the White/Black/White Ring Tie combinations.



Stage Five is to apply a Green Ring Tie adjacent to each of the Blue Ties.

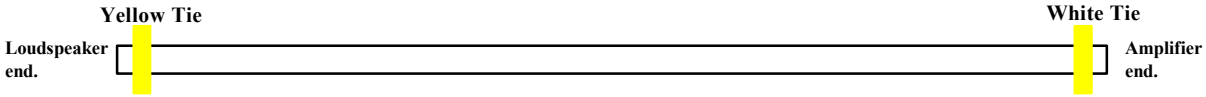


Stage Six is to apply a Red/Yellow/Red Ring Tie combination in the centre of the loudspeaker interconnect.

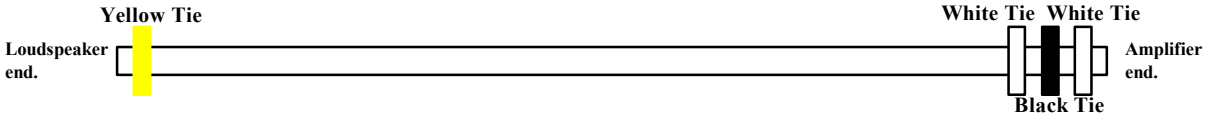


Electrostatics and all non conventional moving coil loudspeakers present a different energy pattern at each end of the interconnect. The end of the interconnect which connects to a speaker termination on the audio power amplifier, will present the energy pattern established by the many moving coil loudspeaker systems throughout the world, but the electrostatic or the electromagnetic flat diaphragm panel speaker termination will present a different energy pattern.

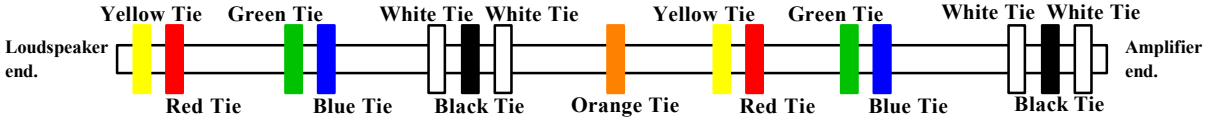
Stage One is to apply a Yellow Ring Tie at the loudspeaker end and one White Ring Tie at the amplifier end of the interconnect.



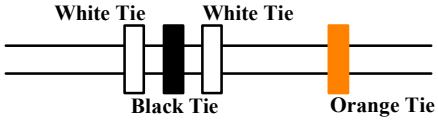
Stage Two is to complete the White/Black/White Ring Tie combination at the amplifier end.



Stage Three is to complete the whole interconnect sequence, as per the diagram.



ALL interconnects can be further enhanced by attaching one Orange Ring Tie adjacent to one of the White Ring Ties of the White/Black/White Ring Tie combination. The Orange Tie should be attached as per the diagram.



The introduction of these new PWB Electret Ring Ties in no way renders the previous, randomly attached, PWB Ring Ties obsolescent. There is, however, one rule that must be observed. These new White Ring Ties should not be applied to any interconnect wire in a random fashion, they must be attached in the sequence described.

It is highly probable that, irrespective of the randomly applied pattern of the previous Mark One Ring Ties, attaching one of these new Red Ring Ties at the extreme ends of any A.C. power interconnect will greatly enhance any previous random Electret Ring Tie pattern. Similarly, attaching one of the new Yellow Ring Ties at the extreme ends of an audio or video interconnect will also enhance a previous random Ring Tie pattern.

The only application where White Ring Ties can be attached as a single tie is at the extreme ends of a moving coil loudspeaker interconnect wire, where any random combination of the previous Mark One Ring Ties have been applied.

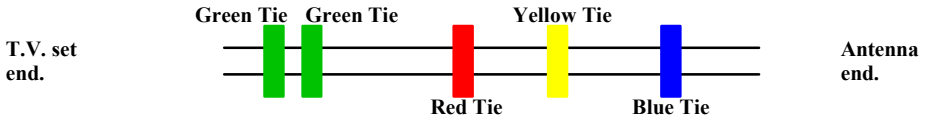
Anyone who has previously purchased PWB Electret Ring Ties can have, on loan, free of charge, a set of White, Yellow or Red Ring Ties which are attached to small crocodile clips, to facilitate the evaluation of this system.

* * * * * * * * * * * * * * * *

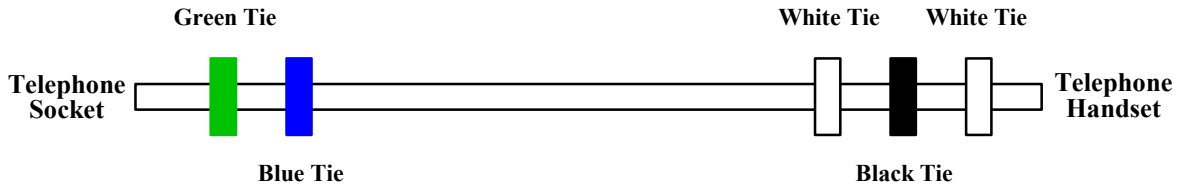
We would emphasise that the adverse energy pattern created along the length of the A.C. power interconnect on audio reproduction equipment is just part of a problem. ALL the A.C. power interconnects on all the electrical apparatus, within each and all of the rooms within a home, create a further adverse energy problem. It is therefore advisable to attach, at the very least, the two Red Electret Ring Ties (one at each end of the A.C. power interconnect) on all the other electrical equipment within the home. This will produce a more cost effective upgrade to the perceived sound than upgrading actual audio equipment.

It is particularly important to treat the A.C. power interconnects on computers, word processors and electric typewriters. The QWERTY keyboard layout creates a significant "adverse morphic energy pattern" chain.

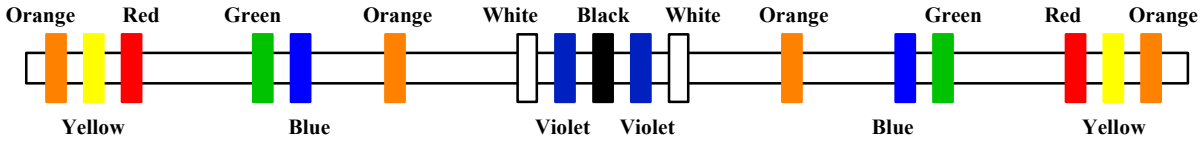
The Coloured Ring Ties for aerial interconnects is in the following sequence:-



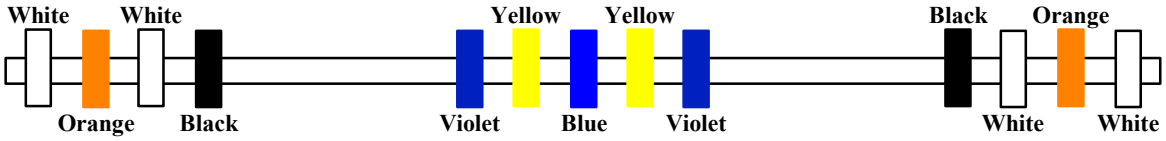
The Coloured Ring Tie sequence for the telephone wire is as follows



Colour Electret Ring Tie sequence for an Optical cable is as follows

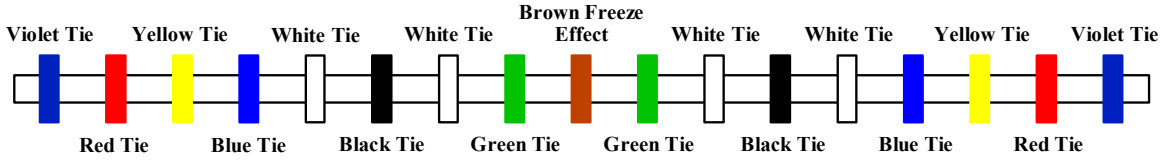


Coloured Electret Ring Tie sequence for a Network cable- Cat 5 (Unshielded twisted pair (UTP))
This is also the sequence that can be used for a computer USB lead
Green cream should be applied to the length of the cable if possible before fitting the ties.



<u>The Full Colour sequence for the DC interconnect section of the AC to DC adapter.</u>

The AC to DC devices are used on such things as mobile phones to charge the battery and on various computer equipment or computer accessories.
The transformer on such items usually has circuitry to change the AC voltage to DC, i.e. battery replacement. The DC section of this interconnect i.e. the lead which comes out of the transformer requires a special Coloured Electret Ring Tie sequence, which is described below.



All the different Coloured PWB Electret Ring Ties, including Black and White, are £ 10.00 each.

PWB ELECTRONICS
2 Northbrook Croft,
Hill View Mount
Leeds,
LS7 4QZ
England

E-mail: pwb@pwbelectronics.co.uk
Web: www.pwbelectronics.co.uk
Telephone: 0113 268 2550