How To Connect Mobile Phone With Waistbank/Neckloop
For Hiding Wireless Earphone Use

EDIMAEG Communications Technology.Inc.China
http://www.edimaeg.com
http://www.microearonline.com/english/

Generally, the various brands and types of the wires and plugs of the earphone of mobile phone cannot be compatible. Inappropriately use will lead to either be silent or only be able to hear but not to be heard or otherwise.

If you feel uncertain about it, you should first make sure the exact specification of the mobile phone before purchase, and then request the signal wire of **Waistbank/Neckloop** to be connected well according to this specification before delivering.

Among the common mobile phones, the consistency of the wires of earphone of Motorola is best, all they are so called "the 2.5mm three- wire". The next will be Nokia, 8,200 series of it use " Ø 2.5mm four-wire", colored tablet series and other specifications use one kind of tasteful and flat special-purpose plug. The last is SAMSUNG, which uses three kinds of specifications. The plug of domestically produced mobile phone and the others are varied in their specifications.

More attention: The earphone of GSM mobile phone will be interfered slightly or heavily under the similar occasions of weak signal. However, because of the low reflection power, the effect of CDMA and PHS (Personal Handy-phone System) will be better.

The small common four-wire & round-edged earplug of South Korean " SAMSUNG " brand mobile phone is shown in the right chart, the characteristic of which is it has a metal outer layer on its root	

Various types of hiding wireless earphone inductors receive signal through the wire of the earphone, after passing the test for its feasible usage, which should be connected well with the signal wires (altogether two). Methods are as follow:

1. To shear the wire from its root in the earplug of **Mobile Phone** after it passes the test for its feasible usage. Attention: Most of wires of the quality earplug are two strands of wire, which is composed of many twining enamel-insulated thin wires. So the scissors must be as far as possible sharp, to avoid unsuccessfully shearing.

2. Then use the appropriate tool to peel off the superficial rubber protector of the wire, after which two strands of different colors thin wires will be revealed, each strand is composed of dozens of or to several hundred very thin enamel-insulated wires (as shown in the above chart). If have no special tool

on hand, you also may use the cigarette lighter to burn the end of the outer layer, and peel it off when it appear to be burned paste.

3. As the two strands of different colors thin wires are component of the signal return, they cannot be mixed up, for that will destroy the component of signal return and lead to be silent.
4. The two strands of different colors thin wire generally both are covered and enamel-insulated special copper wires. The wire is so thin (0.1~0.2mm) that it is very easy to break off. For its surface treatment, therefore, the usual method of using knife to blow it or using sand paper to polish it is unfeasible. The correct way should be to paste the end of a electric iron, of 25W or so, with tin solder, and then soak the wire in the tin solder, under the high temperature its superficial coat of paint will fall off naturally. In order to reveal the internal copper core of the multi-strand wire, another undependable method is to use the lighter to burn the surface of the wire and remove its superficial coat of paint when it is hot. This temporary means need to grasp the size and the time of the fire accurately.
5. Unclassified by + - , the well-done ends of the multi-strand wire and the wire of inductor are welded or twisted tightly (as shown in the following chart), and then are isolated separately by insulating rubberized fabric or the special PVC pipe.

Quick-Start

+We have to point out clearly that, it should not be expected an omnipotent plug could be used with all communication products and other similar with the earplug of 3.5 or 2.5mm. Take MP3 as an example, even it is only different types of products from one producer, the cable connection inside may be highly different. And so the possibility of them to substitute each other may be 0% or 100%, which will need confirmation from technician of the manufacturer.

+ In Europe, the other distributors of us usually only keep in stock of one or two kinds of Waistband or Neckloop for cell-phone use, such as MOTO and NOKIA LSP4, because 99% of the plugs of MOTO are all the same, and also it is very common to use the NOKIA cell-phone of LSP4 plug.

+ And they will also prepare a certain amounts of Waistband or Neckloop for MP3 use, the connection inside of which is default as 3.5mm for the industry. Generally, among every ten different brands of MP3, there will be roughly 8 to 9 of them can be suitable for using these Waistband or Neckloop.