

## Wiring Proposals

Acc. to IEC 60268-12

Positive signal on speaker pin "+" produces positive wave-form from driver (moves cone outwardly)

"+" = In phase (high) "-" = Ground (out of phase, low)  
Lower numbers for lower frequencies.

|                              | AMPLIFIER                                                                                                                                   | CABLE                                                                                     | SPEAKER                                                                                                                                     |
|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Stereo ("HiFi")</b>       | one NL4MP socket<br>left channel pins 1+/1-<br>right channel pins 2+/2-                                                                     | NL4FC on amplifier end, four conductor cable splits into two pairs with NL4FX on each end | one NL4MP per speaker<br>left speaker pins 1+/1-<br>right speaker pins 2+/2-                                                                |
| <b>POWER ("PA") Standard</b> | three NL4MP sockets<br>"A" socket:<br>left channel pins 1+/1-<br>"B" socket:<br>right channel pins 1+/1-                                    | a two-conductor cable for each channel with NL4FX on both ends                            | NL4MP pins 1+ to speaker coil "+"<br>NL4MP pins 1- and 2+ to speaker coil "-"                                                               |
| <b>Bridged mono</b>          | "M" socket:<br>left channel pins 1+/1-<br>right channel pins 2+/2-                                                                          | a special two-conductor cable, on both ends wired to pin 1+/2+ of NL4FX                   | NL4MP pin 1+ to speaker coil "+"<br>NL4MP pins 1- and 2+ to speaker coil "-"                                                                |
| <b>Bi-Amp</b>                | one NL4MP socket<br>low frequency pins 1+/1-<br>high frequency pins 2+/2-                                                                   | a four-conductor cable on both ends wired to pins 1+/1-, 2+/2- of NL4FX                   | one NL4MP socket<br>low frequency pins 1+/1-<br>high frequency pins 2+/2-                                                                   |
| <b>4 Way System</b>          | one NL8MPR socket<br>low frequency pins 1+/1-<br>low mid frequency pins 2+/2-<br>high mid frequency pins 3+/3-<br>high frequency pins 4+/4- | an eight-conductor cable wired on both ends to pins 1+/1-, 2+/2-, 3+/3-, 4+/4- of NL8FC   | one NL8MPR socket<br>low frequency pins 1+/1-<br>low mid frequency pins 2+/2-<br>high mid frequency pins 3+/3-<br>high frequency pins 4+/4- |

