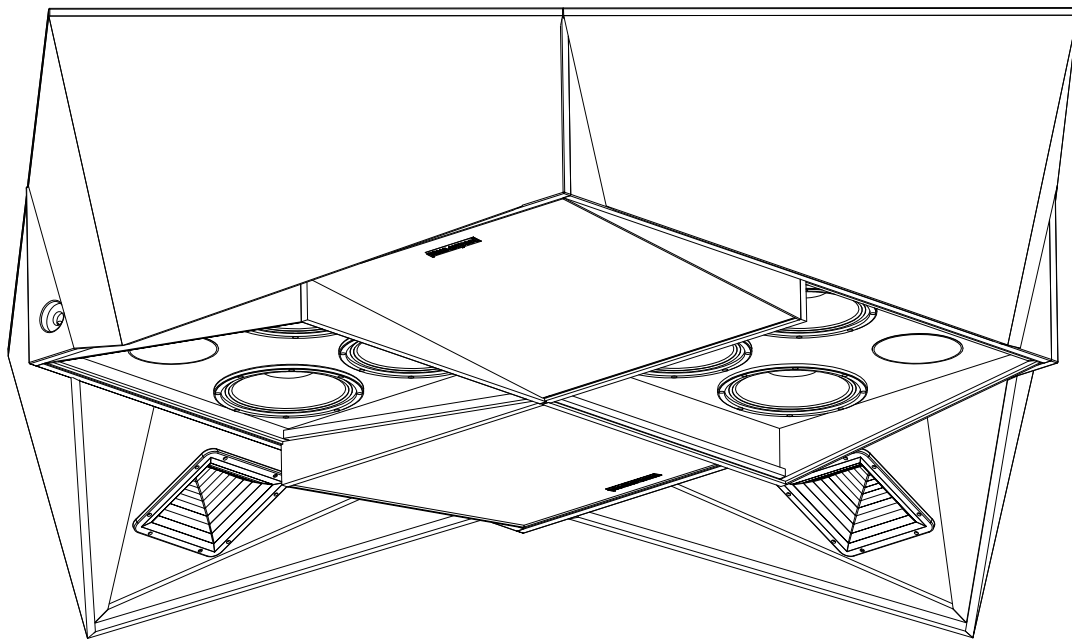


DOUBLE ARRAY

R I G G I N G I N S T R U C T I O N S



peecker sound®

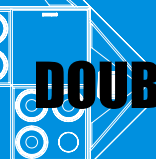
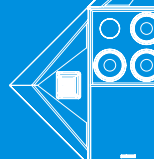
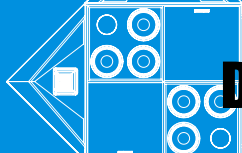
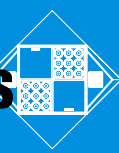


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1. INSTALLATION CONDITIONS

The frame is secured to the ceiling by means of four suspension chains with a load-bearing capacity equal to the combined weight of the speaker and the frame itself, all multiplied by a given coefficient of security (5). The **AS60**, **AS120** and **AS180** speakers should be positioned 3.5 metres above the floor and fixed to the frame by means of four chain segments – one for each suspension hook – which must have a load-bearing capacity of at least 60 kg per anchorage point.

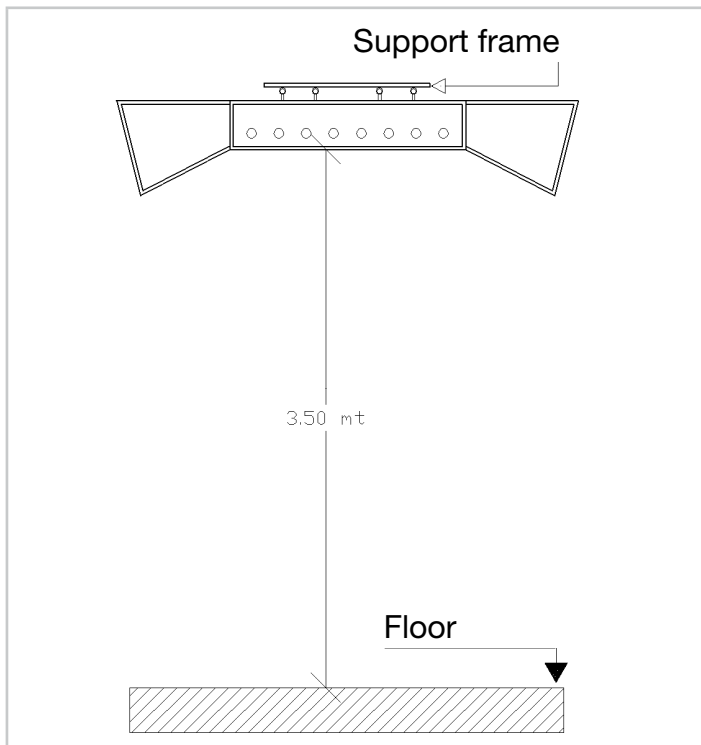


Figure 1 - Side view

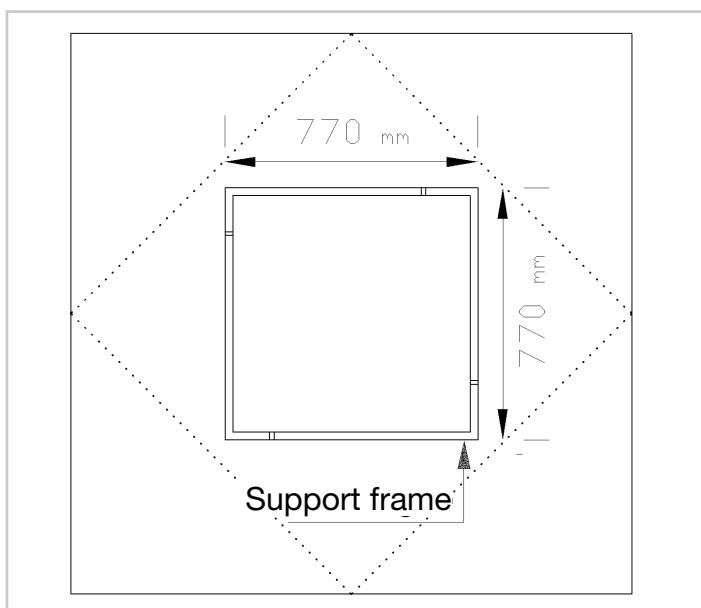


Figure 2 - View from above

2. SUSPENSION HOOK INSTALLATION

Remove the four hex socket screws at the back of the central body of the speaker cabinet. Insert the nut first and then the washer in the four suspension eyebolts (hooks) in the right order. Now screw the four eyebolts (hooks) into the holes at the back of the speaker from which the hex socket screws were removed. Tighten the eyebolts until the speaker is set on a perfectly horizontal plane, then proceed to fasten the nuts, turning in the opposite direction so that the eyebolts themselves cannot rotate any further.

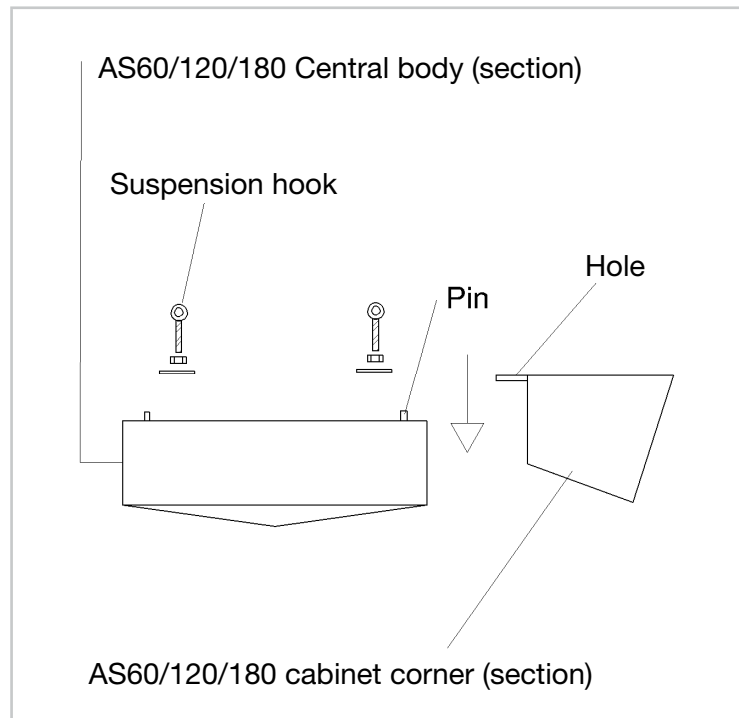


Figure 3 - Suspension hook positioning

3. INSTALLATION OF THE CABINET CORNERS

The four cabinet corners of the loudspeaker system must be fixed to the sides of the central body of the system. Each individual corner must be installed on the corresponding side of the central body, which can be identified by matching the holes on the cabinet corners to the "pins" set at different distances on the respective side of the central body. Once the cabinet corners have been installed, they need to be fastened using the supplied screws.

4. CONNECTIONS BETWEEN PROCESSORS AND SPEAKERS

The Double Array Series loudspeaker systems require the use of the dedicated **DP60-120** or **DP180** processors.

The inputs of the processor must be connected to the signal source (mixer). The processor output signal must be connected to the inputs of a power amplifier suited to the characteristics of the speaker being used. The power outputs of the amplification stage must in turn be linked to the processor power inputs using 1 x *NL4FC speakON* connector. The DP60-120 (or DP180) processor will process and filter the signal received from the amplifier *speakON* output connectors. The bass section signal will be sent to pins 1+ and 1-, and the signal for the mid-high frequencies section will be sent to pins 2+ and 2-.

Finally, the processor power outputs should then be connected to the speaker inputs using two 4x2.5 mm cables fitted with *NL4FC speakON* connectors at the ends.

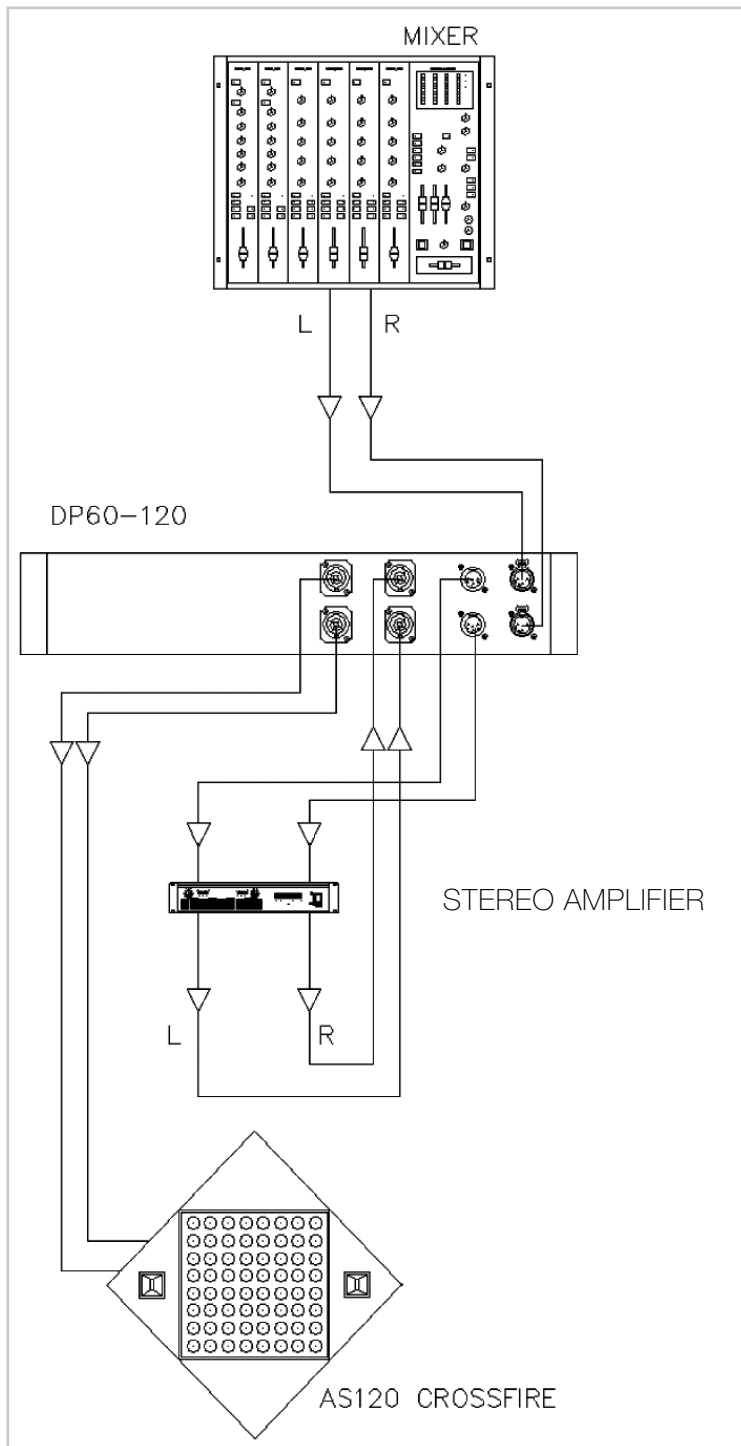
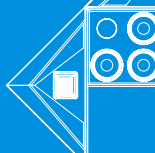


Figure 4 - Example of an audio chain with DP60-120 processor

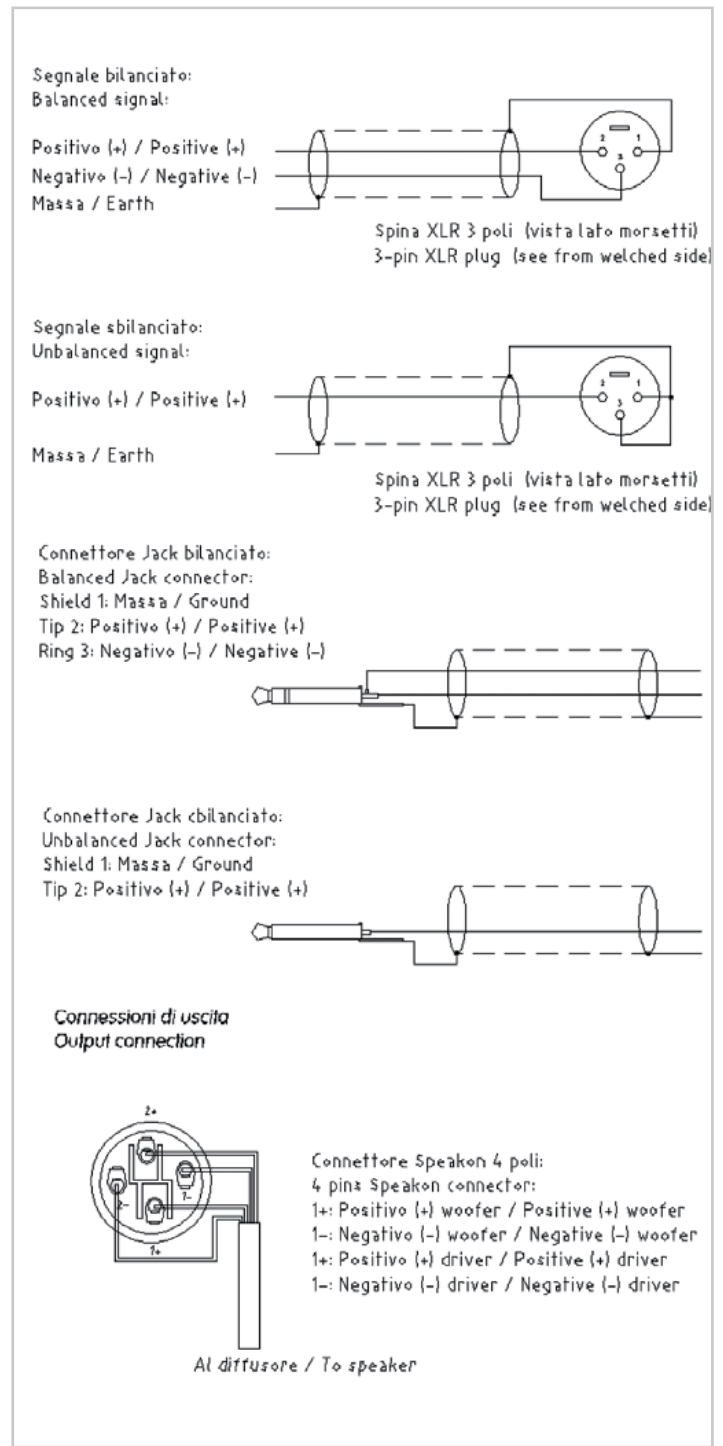


Figure 5 - Connector wiring diagrams