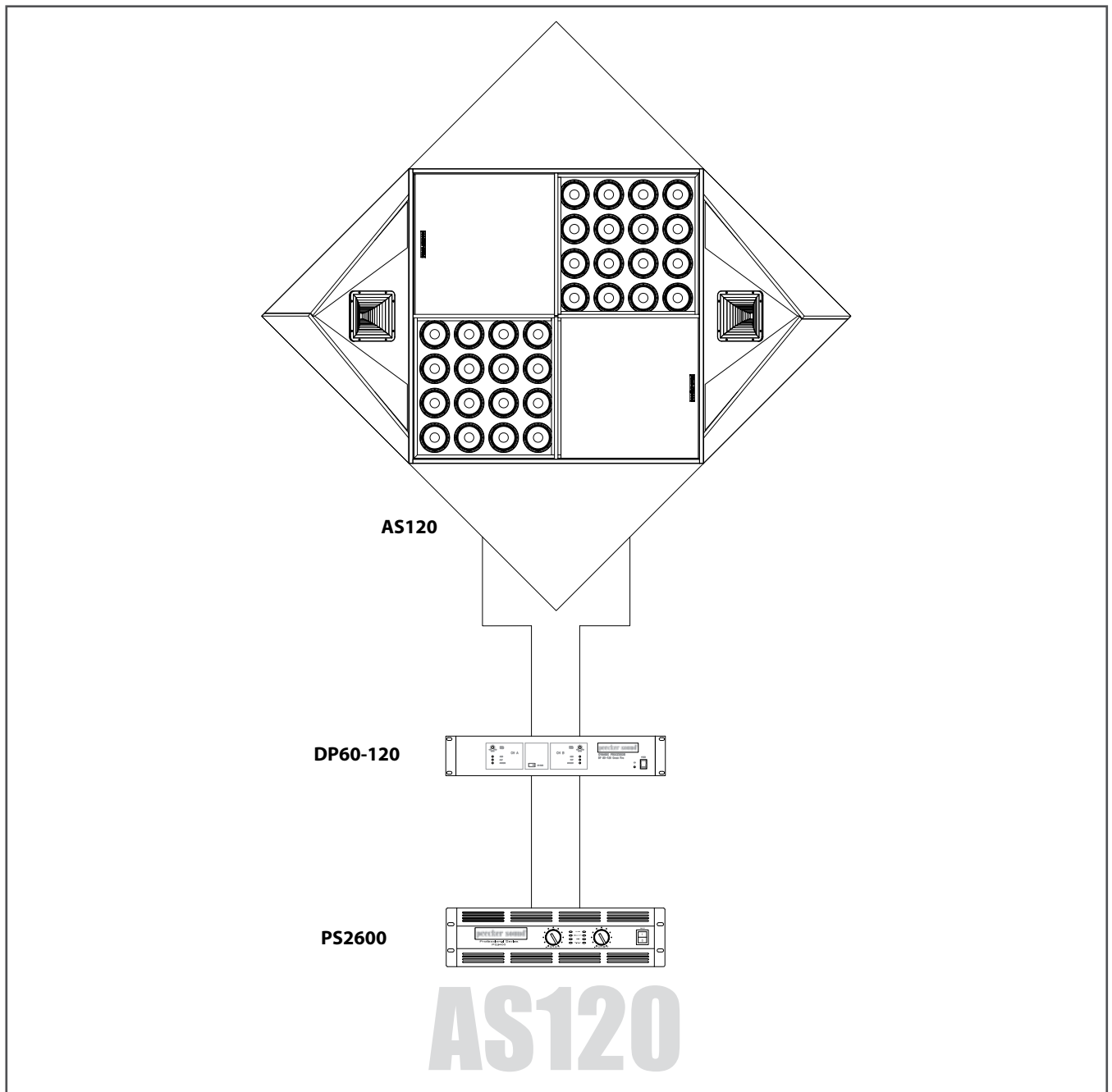


## AS120

Double Array configuration driven by class AB amplifier and specific processor



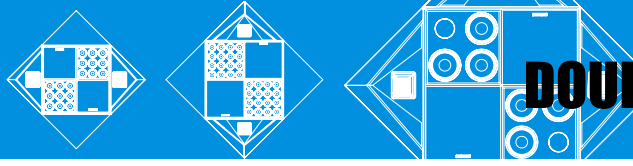
### PRODUCTS

No.	Code	Description
1	<b>AS120</b>	Controlled radiation stereo system with Double Array - Power RMS: 2x2285 W
1	<b>DP60-120</b>	Stereo Dynamic Processor and Passive Crossover specific for AS60 and AS120 - In/Out channels: 2/2
1	<b>PS2600</b>	Stereo Power Amplifier - Power RMS: 2x1300 W (@4 Ohm), 2x850 W (@8 Ohm)

SOUND REINFORCEMENT

CONTROLLED RADIATION

ACOUSTIC RESEARCH



# DOUBLE ARRAY series

## APPLICATIONS

- Dance clubs, night clubs, wine/lounge bars (especially outdoors);
- HO.RE.CA. (Hotels, Restaurants and Cafés);
- Beach clubs, bathing establishments;
- Casinos, game rooms, cruise ships;
- Amusement parks and theme parks;
- Cinemas (*roof reinforcement*);
- Other fixed installations that require acoustic emission control in confined areas or in case of noise pollution problems.

## BRIEF DESCRIPTION

- Speaker Total Power Handling: **4570 W RMS**;
- Amplifier Total Power: **1300+1300 W RMS** (@ 4 Ohm);
- Covered Area (@ h = 3.5 m): **55 m<sup>2</sup>**;
- High Attenuation Distance (-20 dB): **9 m**;
- International Patented system **No. 01280080**.

## CONNECTORS

The **AS120** is a stereo loudspeaker system - it has two separated transducer sections that can reproduce the two channels of the audio signal. AS120 is thus equipped with two *NL4 speakON* female input connectors, respectively for Left and Right signal. Pins 1+ and 1- are used for low frequencies (reproduced by the 32+32 5" loudspeakers), whilst pins 2+ and 2- are used for medium-high frequencies (1+1 horns with one 1' driver each).

The passive crossover operates through the **DP60-120** external device.

The DP60-120 has two input *NL4 speakON* female connectors, which receive the *full range* (Left and Right) power signal from the amplifier and two output *NL4 speakON* female connectors which use pins 1+ and 1- for low frequencies and pins 2+ and 2- for medium-high frequencies (coherently with NL4 inputs of AS120). The DP60-120 contains also a stereo dynamic processor (totally independent from the passive crossover circuit) specific for AS120 (and AS60), with XLR input (line signal from source - mixer or other devices) and output (line signal to amplifier) connectors.

MODEL & TYPE	PINS	1 +	1 -	2 +	2 -
<b>AS120</b> Input 1 (Left) & 2 (Right) - NL4		LF +	LF -	HF +	HF -

MODEL & TYPE	PINS	1 +	1 -	2 +	2 -
<b>DP60-120</b> Passive X-over input 1 - NL4		Full range Left +	Full range Left -	Full range Right +	Full range Right -
<b>DP60-120</b> Passive X-over input 2 - NL4		Full range Right +	Full range Right -	/	/
<b>DP60-120</b> Output 1 (Left) & 2 (Right) - NL4		LF +	LF -	HF +	HF -

## ACCESSORIES

Code	Description
/	Kit of four 10MA eyelets for hanging 1 Double Array speaker to a rigging system or ceiling included

SOUND REINFORCEMENT

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