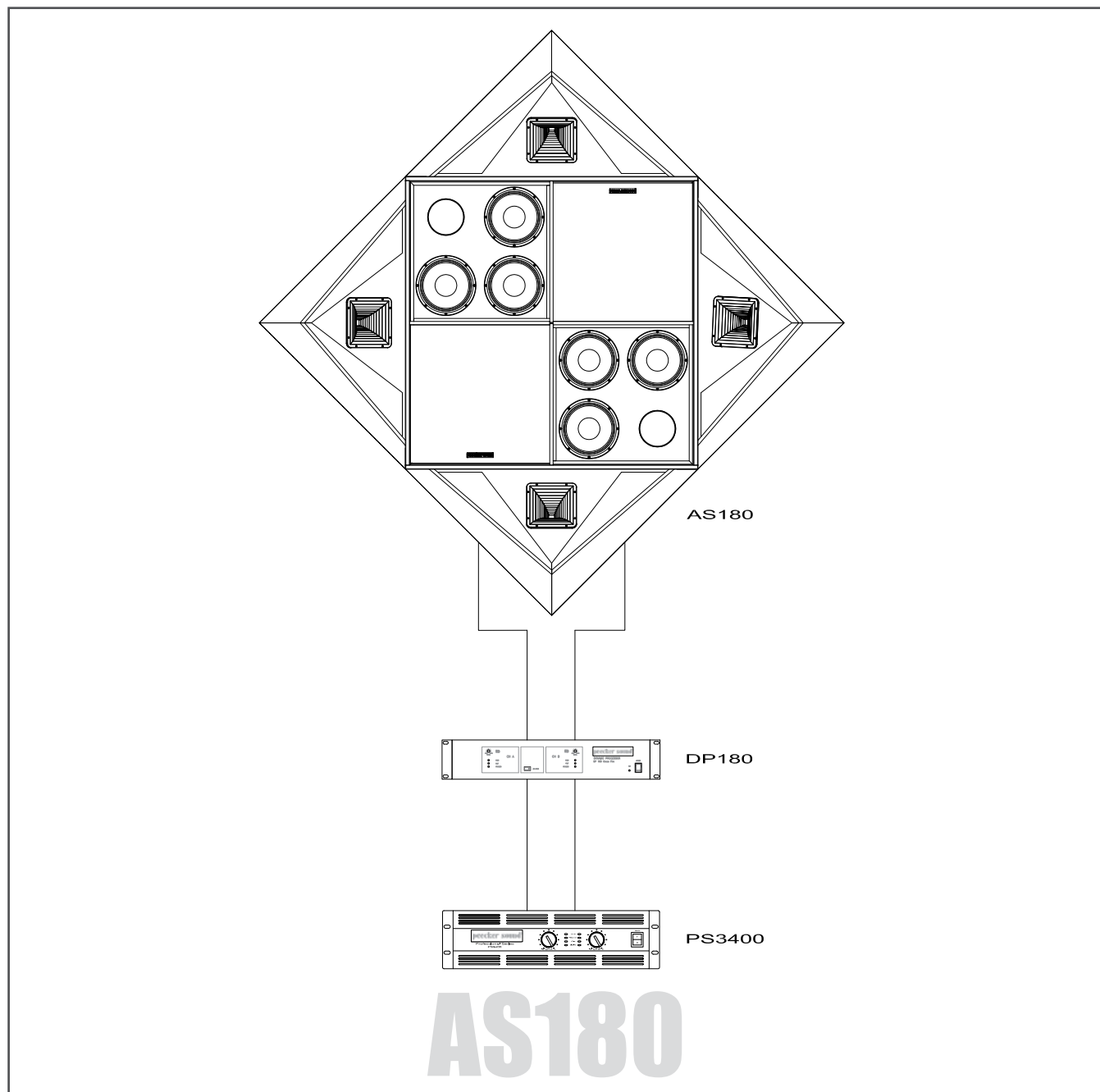


AS180

Double Array configuration driven by class AB amplifier and specific processor



PRODUCTS

No.	Code	Description
1	AS180	Controlled radiation stereo system with Double Array - Power RMS: 2x1600 W
1	DP180	Stereo Dynamic Processor and Passive Crossover specific for AS180 - In/Out channels: 2/2
1	PS3400	Stereo Power Amplifier - Power RMS: 2x1700 W (@4 Ohm), 2x1000 W (@8 Ohm)

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

- Speakers Total Power Handling: **3200 W RMS**;
- Amplifiers Total Power: **1700+1700 W RMS** (@ 4 Ohm);
- Covered Area (@ h = 3.5 m): **110 m²**;
- High Attenuation Distance (-20 dB): **13 m**;
- International Patented system **No. 01280080**.

CONNECTORS

The **AS180** is a stereo loudspeaker system - it has two separated transducer sections that can reproduce the two channels of the audio signal. AS180 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 6+6 10" loudspeakers), whilst pins 2+ and 2- are used for medium-high frequencies (2+2 horns with one 1' driver each).

The passive crossover operates through the **DP180** external device.

The DP180 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 AS180). The DP180 contains also a stereo dynamic processor (totally independent from the passive crossover circuit) specific for AS180, 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 -
AS180 Input 1 (Left) & 2 (Right) - NL4	LF +	LF -	HF +	HF -

MODEL & TYPE \ PINS	1 +	1 -	2 +	2 -
DP180 Passive X-over input 1 - NL4	Full range Left +	Full range Left -	Full range Right +	Full range Right -
DP180 Passive X-over input 2 - NL4	Full range Right +	Full range Right -	/	/
DP180 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 <i>included</i>

SOUND REINFORCEMENT

CONTROLLED RADIATION

ACOUSTIC RESEARCH