

# Meridian Architectural Range with HPA

CLASS-LEADING PERFORMANCE FOR ULTIMATE MUSIC AND MOVIE WATCHING.

## EASY TO INSTALL

- Fit and forget solution with ultra-shallow 100mm/4" mounting depth
- Space and heat saving - no additional equipment needed in the rack
- All installations are supported by Meridian's complimentary Design and Specification Service

## POWERFUL, RELIABLE AND REPEATABLE PERFORMANCE

- 3x **DSP520.2s** in HPA = 122dB@1m Peak SPL, 105dB@7m/23ft. Best value for money (SPL to £ ratio), recommend 80Hz cross over, single drive unit for HF/MF.
- 3x **DSP640.2s** in HPA = 125dB@1m Peak SPL, 105dB@10m/32ft. Enhanced fidelity over DSP520.2 stack with dedicated HF/MF driver, greater bass response, recommend 60Hz crossover.
- 3x **DSP730s** in HPA = 122dB@1m Peak SPL, 105dB@7m/23ft. Highest level of fidelity with Beryllium HF driver, carbon fibre MF driver and long throw Titanium voice coil woofer. Highest SPL possible, recommend 80Hz crossover.
- 3x **DSP750s** in HPA = 125dB@1m Peak SPL, 105dB@10m/32ft. Highest level of fidelity with Beryllium HF driver, dual carbon fibre MF driver and long throw Titanium voice coil woofers. Highest SPL possible, recommend 50Hz crossover.

## DSP ACTIVE ADVANTAGE

On-board Digital Signal Processing (DSP) technology provides the foundation for every Meridian loudspeaker. A completely integrated audio system featuring multiple power amps, precision DACs and unique technologies (HPA, EBA and Upsampling), Meridian DSP loudspeakers provide more output, more bass and significant control advantages.

## MERIDIAN HIGH POWER ARRAY

### Challenge

How to achieve high SPL targets across the entire listening region of large spaces.

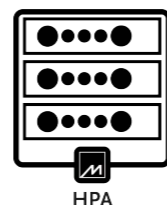
### Solution

Meridian's solution is to use multiple identical loudspeakers in a stack or array configuration. Each speaker is fed with the same signal for each channel. Interference between the loudspeakers at higher frequencies is alleviated by Meridian's High-Power Array (HPA) processing technology.

### Result

No interference or spectral variation between the loudspeakers, resulting in an even response. Every listener will experience Meridian's signature high resolution sound and fidelity, no matter where they are in the listening space.

[meridian-audio.com](http://meridian-audio.com)



For full details, contact:  
[design@meridian.co.uk](mailto:design@meridian.co.uk)  
+44 (0)1480 445678

