

# $\Sigma$ **SIGMA** *Series*

*SIGMA S215*  
*SIGMA S115*  
*SIGMA S118*

## ***Digital Active Speakers & Sub***



**dB**Technologies

# Quasi 3-Way Active Speaker

## SIGMA S215

### Technical Data

Speaker Type: Quasi 3-Way Active Speaker

### Acoustical data

Frequency Response [-10dB]: 42 - 20.000 Hz

Max SPL: 139 dB

HF: 1.4"

Type HF: Titanium Compression driver

Voice Coil HF: 2.8"

Directivity: 60 x 40°

Horn: CD Horn

LF: 2x15" (with phase plug)

Voice Coil LF: 3"

### Amplifier

Amp Technology: Digipro® G2

Amp Class: Class D

Power PRG: 1400 W

Peak Power: 2800 W

### Processor

Controller: DSP 24bit/48kHz

System Presets: Flat, Boost

Limiter: Dual Active Peak, RMS, Thermal

Crossover Frequency MF-HF: 1100 Hz

Slope MF-HF: 24 dB/Octave

### Mechanics

Housing: Multiplex with H.E.T coating, reinforced

Width: 509 mm (20.36 in)

Height: 1215 mm (48.6 in)

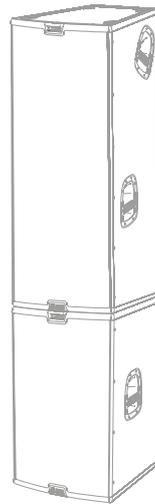
Depth: 533 mm (21.32 in)

Weight: 50 kg (110.23 lbs)



### Quasi 3-Way Active Speaker 2 x 15"/1.4", 1400 W

Many venues demand high SPL and low-ranging response. However, a fullrange enclosure is often the only viable option for some of these applications. Loaded with two 15" woofers designed to handle considerable loads, the S215 is the solution of choice for such scenarios.



**S118 + S215**



### H.E.T™ Housing

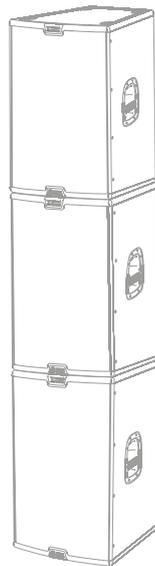
Exceptionally light and remarkably rugged. Developed by dBTechnologies, H.E.T (Hybrid Enclose Technology) housings are made of premium quality multiply wood with a hardwearing, durable, and scratch-resistant coating.

Tough, rugged plastic side panels provide excellent protection for the housing as well as integrated grips and electrical connectors for utmost handling convenience and safety.



## 2-Way Active Speaker 15"/1.4", 1000 W

This active 15"/ 1.4" two-way system is musicians and DJs' first choice in a fullrange FOH speaker. The S115's reach is remarkable thanks to its assertive midrange, prominent top end, and constant directivity at high sound pressure levels.



**2x S118 + S115**



## SIGMA S115

### Technical Data

Speaker Type: 2-Way Active Speaker

### Acoustical data

Frequency Response [-10dB]: 46 - 20.000 Hz  
 Max SPL: 133 dB  
 HF: 1.4 "  
 Type HF: Titanium Compression driver  
 Voice Coil HF: 2.8"  
 Directivity: 60 x 40 °  
 Horn: CD Horn  
 Rotable Horn: YES  
 LF: 15"  
 Voice Coil LF: 3"

### Amplifier

Amp Technology: Digipro® G2  
 Amp Class: Class D  
 Power PRG: 1000 W  
 Peak Power: 2000 W

### Processor

Controller: DSP 24bit/48kHz  
 System Presets: Flat, Boost  
 Limiter: Dual Active Peak, RMS, Thermal  
 Crossover Frequency MF-HF: 1100 Hz  
 Slope MF-HF: 24 dB/Octave

### Mechanics

Housing: Multiplex with H.E.T coating, reinforced  
 Width: 509 mm (20.36 in)  
 Height: 765 mm (30.6 in)  
 Depth: 533 mm (21.32 in)  
 Weight: 33 kg (72.75 lbs)

### Digital processing for professional sound through and through

The integrated digital sound processor allows the final touches to be made to your sound, rounding it out to a warm, natural tone with powerful bass and sparkling high frequencies.

A variety of signal processing presets allows you to achieve your perfect sound with the minimum of fuss.

All in all, the SIGMA series is a fully integrated range of products for professional use, setting a new standard in the field of live amplification and quite unique amongst its competitors.

## SIGMA S118

### Technical Data

Speaker Type: Active Bassreflex Subwoofer

### Acoustical data

Frequency Response [-10dB]: 32 - 110 Hz

Max SPL: 134 dB

HF: 1.4 "

Directivity: omnidirectional

LF: 18 "

Voice Coil LF: 4 "

### Amplifier

Amp Technology: Digipro® G2

Amp Class: Class D

Power PRG: 1400 W

Peak Power: 2800 W

### Processor

Controller: Analog/Digital

Limiter: Peak, RMS, Thermal

Crossover Frequency: 80-100 Hz (Switchable)

LF-Xover out slope: 24 dB/Octave

### Input

Signal Input: XLR

Input Sensitivity [dBu]: -3dBu

Signal Output: 1x XLR X-Over Out/ Link Out

### Mechanics

Housing: Multiplex with H.E.T coating, reinforced

Width: 509 mm (20.36 in)

Height: 815 mm (32.6 in)

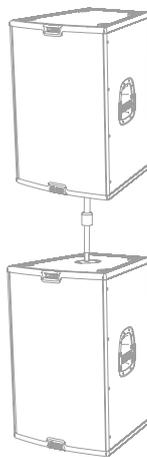
Depth: 533 mm (21.32 in)

Weight: 38 kg (83.78 lbs)



### Active Subwoofer 18", 1400 W

The S118 is a powerful, active 18" subwoofer housed in a bassreflex enclosure. Designed specifically to provide low-frequency support for highperformance S115 fullrange speakers, it packs a mighty low-ranging bass punch. S118 and S115 enclosures have the same width so they are easily stacked to set up professional-grade PA systems.



**S118 + S115**



### Engineered for portability

Musicians and DJs who provide their own backline need a reliable sound system that sets up in a flash and is easily tweaked without a lot of fuss. It has to respond directly and predictably to every mix.

Live acts need resilient speakers with lots of load handling capacity and the staying power necessary to operate at high levels for hours on end. The rig has to deliver tight, punchy bass response that gets people dancing as well as assertive mids and a sparkling top end.

And it has to be easy to handle. The SIGMA line does all this and more.