

**G<sup>3</sup>**  
SERIES

**G**  
ACOUSTIC



# G-ACOUSTIC Tradition

During developing, evaluating and testing we followed strict our company tradition and policy - providing loudspeakers with highest acoustic performance, natural sound, usability and reliability. The result, the G<sup>3</sup> series, integrates itself seamless into our other product ranges.

We never stop our own learning process for test practices and comparisons to deliver always the best possible result together with stability and durability of our products.

Every G-ACOUSTIC product has been tested under real world conditions that you can be confident to get a product what is able to give maximum performance in every situation and application.



## Specifications and Performance

Many loudspeaker manufacturers focus just on their specifications. But in the real world there are many other factors you can't express with specifications - music and speech are complex things and subjective impressive can only be measured with your ears.

Stability, durability, productivity and reliability you will experience with time of using a product and influence the overall worth of a product. Using the optimum components, newest design tools and hours of listening give us the possibility to provide all of these factors on highest grade.

We always try to get feedback from users for all of our products from different applications to improve the quality - even the product is already on the market for several years. With that user response we can ensure our company slogan:

Products from practice for practice!

**G<sup>3</sup>**



# Design Goals

The G3 Series was developed to fill the space between our standard application speakers and our line arrays for tour sound and installations. We set our goals for that:

- As small as possible cabinets combined with highest output and sound quality using 3-way systems with hornloaded mid-high sections
- Bandpass subwoofers for highest sensitivity and truck friendly dimensions
- Possibility of clustering and stacking for all combinations of mid-high speaker with subwoofers



Four fullrange speakers and 2 subwoofers allow any combination in any size according the need of application. From small venues with single speaker usage over touring with live bands in different venue sizes up to large scale concert halls - all can be covered with the G3 series.

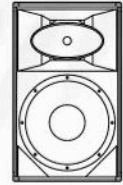
# All of the Right Tools

## G112 Product Description

The G112 is a passive driven 3-way fullrange cabinet. It contains one 12" low driver assigned as bass reflex configuration together with a hornloaded 6.5" midrange driver and a 1" Neodymium high frequency driver mounted on a rotatable 60° x 40° horn in coaxial placement with the midrange driver.

For rigging applications are various M10 rigging points available to fly the G112 alone or as cluster.

The G112 can be combined with any G-ACOUSTIC subwoofers, for highest performance are setups together with BP subwoofers recommended.

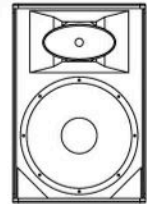


## G115 Product Description

The G115 is a passive driven 3-way fullrange cabinet. It contains one 15" low driver assigned as bass reflex configuration together with a hornloaded 6.5" midrange driver and a 1" Neodymium high frequency driver mounted on a rotatable 60° x 40° horn in coaxial placement with the midrange driver.

For rigging applications are various M10 rigging points available to fly the G115 alone or as cluster.

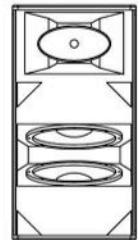
The G115 can be combined with any G-ACOUSTIC subwoofers, for highest performance are setups together with BP subwoofers recommended.



## G212 Product Description

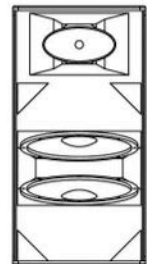
The G212 is a biamp driven, high performance 3-way fullrange cabinet. It contains two 12" low drivers assigned as bandpass configuration together with a hornloaded 6.5" midrange driver and a 1" Neodymium high frequency driver mounted on a rotatable 60° x 40° horn in coaxial placement with the midrange driver.

For rigging applications are various M10 rigging points available to fly the G212 alone or as cluster. The G212 can with any G-ACOUSTIC subwoofers, for highest performance are setups together with BP subwoofers recommended.



## G215 Product Description

The G215 is a biamp driven, high performance 3-way fullrange cabinet. It contains two 15" low drivers assigned as bandpass configuration together with a hornloaded 6.5" midrange driver and a 1" Neodymium high frequency driver mounted on a rotatable 60° x 40° horn in coaxial placement with the midrange driver. For rigging applications are various M10 rigging points available to fly the G215 alone or as cluster. The G215 can be combined with any G-ACOUSTIC subwoofers, for highest performance are setups together with BP subwoofers recommended.

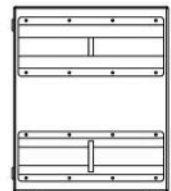


## BP115 Product Description

The BP115 is a high performance subwoofer loudspeaker. It contains one state of the art 15" low driver assigned as bandpass configuration.

It is the perfect low frequency support for our mid high cabinets, especially the G3 series and line array speakers.

Together with our amplifiers it is possible to apply easysystem wiring by using 4-core loudspeaker cable.



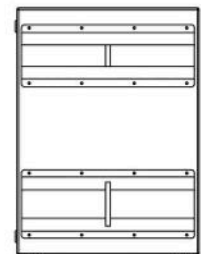
## BP118 Product Description

The BP118 is a high performance subwoofer loudspeaker.

It contains one state of the art 18" low driver assigned as bandpass configuration.

It is the perfect low frequency support for our mid high cabinets, especially the G3 series and line array speakers.

Together with our amplifiers it is possible to apply easy system wiring by using 4-core loudspeaker cable.



# G<sup>3</sup> Features



## System Integration

All of our G<sup>3</sup> fullrange speakers use the same mid-high section with hornloaded midrange driver and coaxial placed highdriver. This ensures even sound quality, sound characteristics and phase response not only when using the same speaker model but also when mix speakers within the G<sup>3</sup> series if necessary. Sound engineers will save time for setting up whole applications by using standardized equalizer setups for the series and no need of adapting mismatched phase responses by allpass filters.

## M10 Rigging points for any possible flight application

On top and bottom are 4 M10 points at useful positions. Each side contains additional 2 M10 points. This will ensure that every hanging position can be done with stable and safe 4-point hanging. One additional M10 point at backside can be used for secondary safety rope if required.



## Useful handles for any situation of transport and installation

All of our handles are placed practical and useful. We integrate the handles into the enclosures for higher value, better look and better feeling compared to standard plastic handles.

## Protected Connectors

Heavy usage even in today's rental market requires not only a good sound performance but also a good rentability and reliability of products. All G<sup>3</sup> products were designed with protected mounted connectors to avoid trampled down plugs and failures caused by rain.

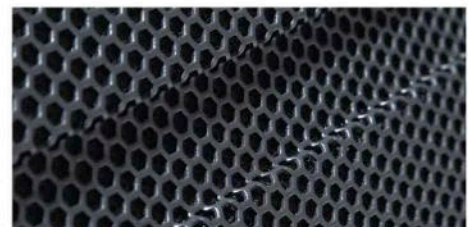


## Symmetrical enclosures

For easy clustering at large scale applications we designed the fullrange G<sup>3</sup> speakers with symmetrical enclosures to allow even clusters with 2 or 3 speakers on left and right side to each enclosure. Best sound result with less comb filter effects will be reached if placed 2 cabinet sides together without

## Stable metal grill

All speakers have 2mm road tough metal grills together with inside textile to ensure maximum speaker protection. At same time the open area ensures highest acoustical output with minimized influence of natural driver response.



# Configurations and Applications



## **SINGLE FLOWN SPEAKER**

- Delay line
- Conference hall
- Public hall
- House of worship



## **SMALL STACK WITH POLE**

- Acoustic live performance
- Small DJ set



## **SINGLE FULLRANGE G215**

- Live Band full range set
- Medium DJ application



## **MEDIUM STACK**

- Medium DJ application
- Live Band in medium venue



## **DOUBLE G212 OR 215 WITH 4 OR MORE SUBWOOFERS**

- Large scale application
- Concert hall
- Loud DJ application
- Outdoor Live Band concert

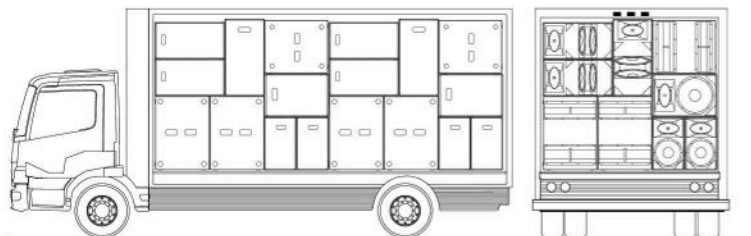
## **System Integration**

The G3 series can be integrated as own system or together with our other loudspeaker series by using the G-ACOUSTIC system processing together with the G-ACOUSTIC amplifiers. This will ensure that all is processed safe and with best sound quality.

## **G-ACOUSTIC Standards**

The system wiring - same as in our other loudspeakers - will save time and money by using standardized 4-core connections at all of our amplifiers, fullrange speakers and subwoofers. Spending time for learning the cable system is obsolete.





## Truck friendly size

Efficiency and cost for usage are important factors in professional audio business. That's why we provide our products in truck space friendly sizes and shapes to minimize necessary expenditures for transportation. Additionally it is our contribution to save energy and reduce environment pollution.

TECHNICAL DATA	G112	G115
Power RMS:	750W	900W
Frequency Response:	55Hz - 18000Hz	50Hz - 18000Hz
Sensitivity (1W/1m):	100dB	100dB
Maximum SPL:	131dB	133dB
Impedance:	8Ohms	8Ohms
Dispersion (HxV):	60° x 40°	60° x 40°
Input Mode:	2x SPEAKON NL-4	2x SPEAKON NL-4
Rigging and Hanging:	M10 rigging points	M10 rigging points
Dimensions (DxWxH):	365mm x 350mm x 580mm	430mm x 420mm x 645mm
Weight:	27kg	30kg

TECHNICAL DATA	G212	G215
Power RMS:	1200W low, 150W mid-high	1400W low, 150W mid-high
Frequency Response:	55Hz - 18000Hz	50Hz - 18000Hz
Sensitivity (1W/1m):	103dB	104dB
Maximum SPL:	135dB	137dB
Impedance:	4Ohms low, 8Ohms mid-high	4Ohms low, 8Ohms mid-high
Dispersion (HxV):	60° x 40°	60° x 40°
Input Mode:	2x SPEAKON NL-4, biamp mode	2x SPEAKON NL-4, biamp mode
Rigging and Hanging:	M10 rigging points	M10 rigging points
Dimensions (DxWxH):	455mm x 400mm x 760mm	530mm x 430mm x 840mm
Weight:	41kg	44kg

TECHNICAL DATA	BP115	BP118
Power RMS:	1000W	1200W
Frequency Response:	33Hz - 125Hz	33Hz - 125Hz
Sensitivity (1W/1m):	100dB	101dB
Maximum SPL:	133dB	135dB
Impedance:	8Ohms	8Ohms
Input Mode:	2x SPEAKON NL-4	2x SPEAKON NL-4
Dimensions (DxWxH):	600mm x 500mm x 600mm	600mm x 590mm x 800mm
Weight:	44kg	52kg



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