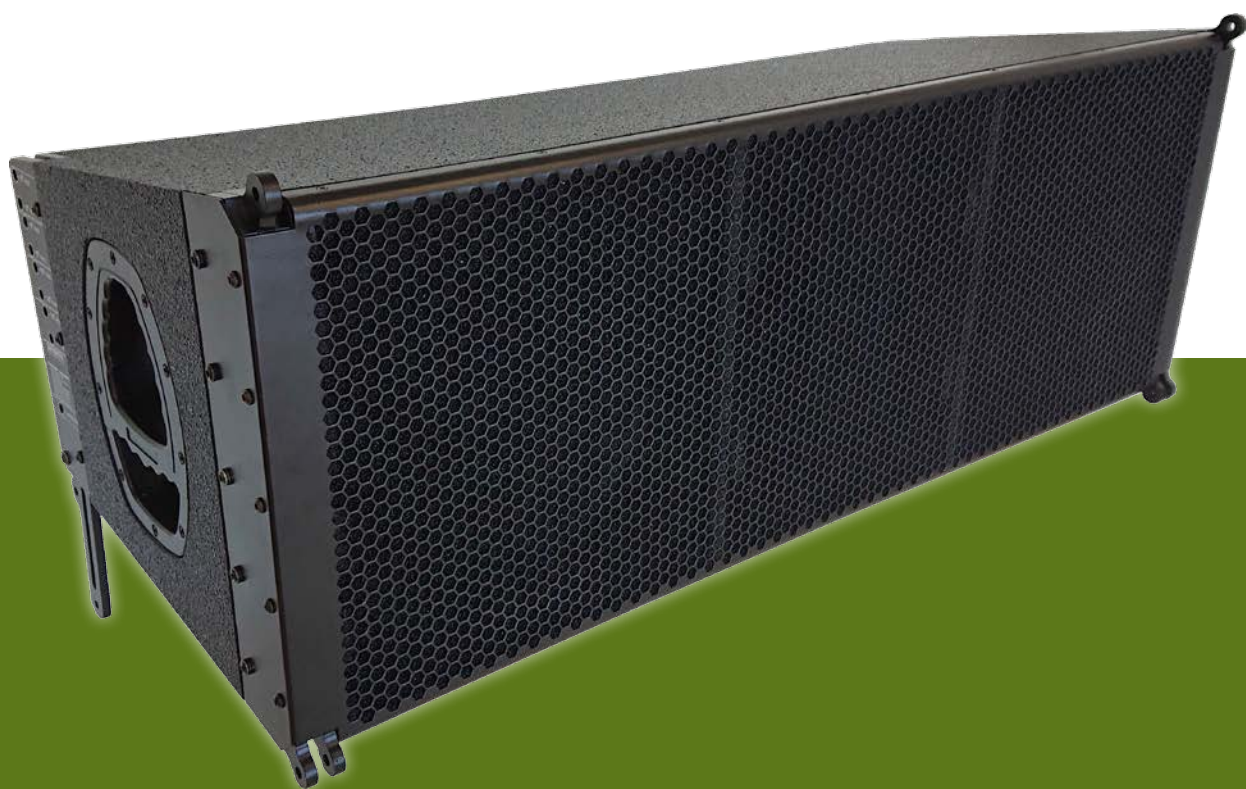


# PROPHON

SOUND SYSTEMS

**PRESENTATION & REFERENCES  
TOUR, AND CONCERT SYSTEMS**



**MADE IN SWEDEN SINCE 1985**

Since 1985, prophon has been supplying the professional rental, installation, tour and festival industry with high-end sound systems, Line array systems, horn-loaded systems, point-source systems, subwoofers, stage monitors, amplifiers, PDU's and DSP processors.

Our systems have throughout the years been used in many installations such as: live stages, theatres, churches, auditoriums, conference centers, night clubs, multihalls.

Due to high quality, reliability, innovative solutions and user-friendly products, our tour systems is highly appreciated by musicians, sound engineers, system architects, rigging personnel, rental companies and the event industry.

### **Our Tour systems consists of several product groups**

- Line array
- Subwoofers
- Stage monitors
- Horn-loaded point source systems
- Amplifiers
- PDU (Power Distribution Units)

### **Active or Passive?**

All our sound systems are available in two versions, active with built-in amplifiers, and bi-amplified with built-in dedicated passive crossovers and standard 19" external DSP amplifiers. we use only the very best components available from the top suppliers in our systems to guarantee a high reliability and quality.

We use advanced calculation and simulation softwares in combination with close collaboration with users and customers when designing and developing new systems and speakers.



Warehouse / RND / assembly



B6HP subwoofers before paint



Woofers in assembly line



8 1/2" horn ready for assembly





## Line Array

We have several sizes of line array systems, All speakers are designed with the same mindset on control, dispersion, frequency response and transparency. Each system is carefully developed for its intended purpose, from small to large line array. All line array modules are available in active self-powered versions or bi-amplified with external 19" rackmount dsp-amplifiers



## Stage monitors

Our multi purpose stage monitors are available in a variety of sizes, depending on application and use, from the smallest 6" MX6 designed for conference and small stages, to the largest CX15 designed for festivals, tour and live performance. As with all our speakers, the stage monitors come in two versions active or passive.



## Subwoofers

When it comes to low frequency emission a prophon subwoofer will not let you down! Our vast assortments of subwoofers span from small single 12" woofers to the massive horn-loaded arena subwoofers and cardioid 3x18" woofers designed for large format festivals, events and live performances.



## Hornloaded and point source

We also have a range of more conventional hornloaded and point-source speakers, with astounding SPL from small sized cabinets, making them perfect for small to medium sized events, using groundstacked or flown,



## System amplifiers

We have a wide range of systems amplifiers with and without on-board DSP, with loudspeaker data-base for all our speakers in the DSP, download from our database, with ready presets incl. FIR filters, EQ, limiter, delay, crossover.

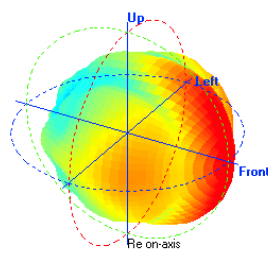
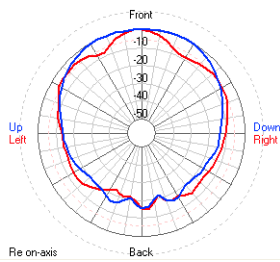
All system amplifiers houses advanced DSP processors with the latest signal processing technology.



## PDU (Power Distribution Units)

We manufacture our own PDU's for best performance, safety and stability, from 16A to 63A with or without meters. perfect for both installations and tour.





## GLL & CLF

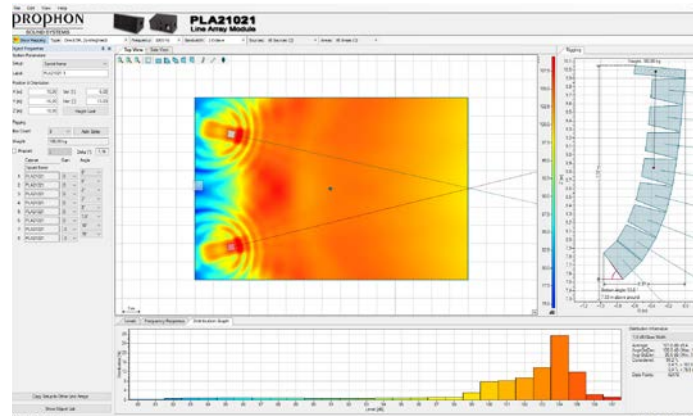
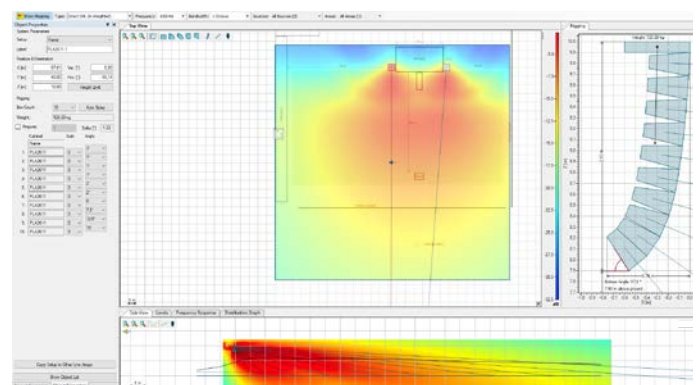
Most of our speakers are measured for using in acoustic prediction- and simulation- softwares, such as Ease, CAT acoustics, Roommatch etc.

## Simulation and prediction

Using the world leading software Ease, enables the integrator, user, project manager or systems engineer to calculate, predict and simulate the behaviour of loudspeakers beforehand.

This method is applicable both for live performance, tour and festivals, where the sound engineer can plan and predict how many speakers to use, where to aim and how to rig them properly for best performance.

It is also very useful for installers and integrators, where a simulation can show the buyer the end-result with very high accuracy, so it is a powerful tool even in the project stadium before the actual PA is installed.



## Certifications and testing

All our products are CE certified, according to relevant standards applying to each product. We test all our products individually before shipping, to make sure there is never a prophon system not living up to our, and our customers high standards of quality expectations.





FESTIVAL  
16 x PLA21021 - LINE ARRAY  
3 x B318HPC - CARDIOID SUBWOOFERS  
6 x CXL152MP - STAGE MONITORS  
4 x MF8 - FRONT FILL



CLUB FESTIVAL  
16 x PLA21021 - LINE ARRAY  
10 x B318HPC - CARDIOID SUBWOOFERS  
4 x CXL152MP - STAGE MONITORS





CONCERT  
16xPLA2821 ACTIVE LINE ARRAY  
8xHB212- HORNLOADED SUBWOOFERS  
6xCXL122MP- STAGE MONITORS  
2xF3- INFILL FULLRANGE SPEAKER



LIVE PERFORMANCE  
16xPLA21021 - LINE ARRAY  
6xSUB6HP - FRONTLOADED SUBWOOFERS  
4xCXL152MP - STAGE MONITORS  
4xCXL152MP - STAGE MONITORS





OUTDOOR CLUB EVENT  
16 x PLA2821 - LINE ARRAY  
8 x SUB6HP - FRONTLOADED SUBWOOFERS  
4 x CXL152MP - STAGE MONITORS



LIVE PERFORMANCE  
12 x PLA2821 - LINE ARRAY  
4 x SUB6HP - FRONTLOADED SUBWOOFERS  
6 x CXL152MP - STAGE MONITORS









LIVE PERFORMANCE  
16xPLA2821 - LINE ARRAY  
4xB318HPC - CARDIOID SUBWOOFERS  
6xCXL122MP - STAGE MONITORS  
2XIMX3 - COMPACT STAGE MONITOR



FESTIVAL  
16 x PLA2821 - LINE ARRAY  
8 x SUB6HP - FRONTLOADED SUBWOOFERS  
6 x CXL152MP - STAGE MONITORS





**BEACH PARTY**  
 20 x PLA21021 - LINE ARRAY  
 10 x B318HPC - CARDIOID SUBWOOFERS  
 4 x CXL152MP - STAGE MONITORS



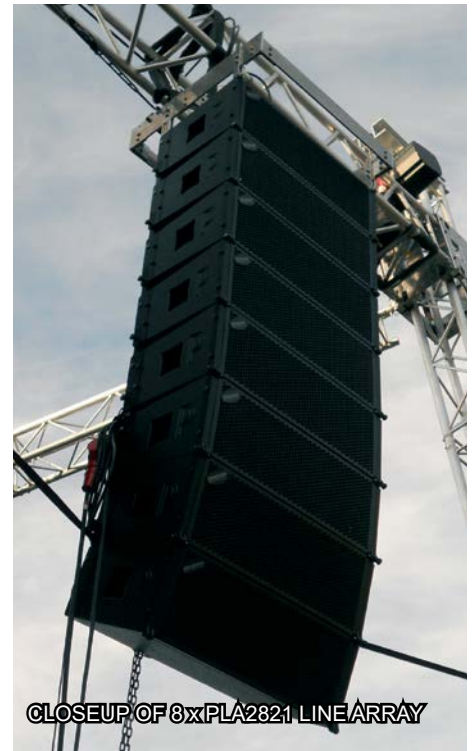
**FESTIVAL**  
 20 x PLA21021 - LINE ARRAY  
 8 x B318HPC - CARDIOID SUBWOOFERS  
 8 x CXL122MP - STAGE MONITORS



**CLOSEUP OF CENTER CLUSTER**  
 5 X PLA21021  
 (MAIN PA - 16 x PLA21021 + 8x B318HPC)



**LIVE STAGE**  
 16x PLA2821 - LINE ARRAY  
 8x SUB6HP - 2x18" SUBWOOFERS  
 6x CXL152MP - STAGE MONITORS



**CLOSEUP OF 8x PLA2821 LINE ARRAY**



**10x B318HPC - CARDIOID SUBWOOFERS**  
**LINED UP IN FRONT OF STAGE**  
**WITH PLA21021 LINE ARRAY x20 PCS.**



**SPEEDWAY MOTORCYCLE RACE-TRACK**  
**4 GROUNDSTACKED SYSTEMS WITH EACH**  
**1x B318HPC AND 3x PLA21021**









VIEW FROM MIXER, DURING RIGGING  
24 x PLA2821 - LINE ARRAY  
8 x HB212 - HORNLOADED SUBWOOFERS  
8 x CXL122MP - STAGE MONITORS



BOYBAND LINEUP IN FRONT OF FANS  
12 x PLA2821 - LINE ARRAY  
4 x B6HP - FRONTLOADED SUBWOOFERS  
6 x CX122MP - STAGE MONITORS





NATIONAL DAY CELEBRATION IN SWEDEN  
16 x PLA2821 - LINE ARRAY  
8 x B6HP - FRONTLOADED SUBWOOFERS  
6 x CXL152MP - STAGE MONITORS



AUDITORIUM AND LIVE STAGE  
8 x PLA2821 - LINE ARRAY  
4 x B18HP - FRONTLOADED SUBWOOFERS  
6 x CXL122MP - STAGE MONITORS  
2 x CXL152MP - STAGE MONITORS





LIVE PERFORMANCE  
12 x PLA2821 - LINE ARRAY  
8 x B6HP - FRONTLOADED SUBWOOFERS  
8 x CXL152MP - STAGE MONITORS



100 YEAR ANNIVERSARY  
24 x PLA2821 - LINE ARRAY  
8 x HB212 - HORNLOADED SUBWOOFERS  
8 x CXL122MP - STAGE MONITORS





RIGGING OF LINE ARRAY NEXT TO BIG SCREEN  
16 x PLA2821 - LINE ARRAY



LIVE STAGE, FESTIVAL AREA DURING RIGGING  
16 x PLA2821 - LINE ARRAY  
8 x B6HP - FRONTLOADED SUBWOOFERS  
8 x CXL152MP - STAGE MONITORS





RIGGING BEFORE LIVE PERFORMANCE  
12xPLA2821 - LINE ARRAY  
4xB6HP - FRONTLOADED SUBWOOFERS  
6 xCX122MP - STAGE MONITORS



MONITORING FOR ENSEMBLE  
CXL152MP, 15"/2" stage monitors





INSTALLATION IN THEATRE  
19 x PLA2611 - LINE ARRAY  
2 x B318HP - CARDIOID SUBWOOFERS  
6 x F8 - FULLRANGE SPEAKER, DELAY SYSTEM BALCONY

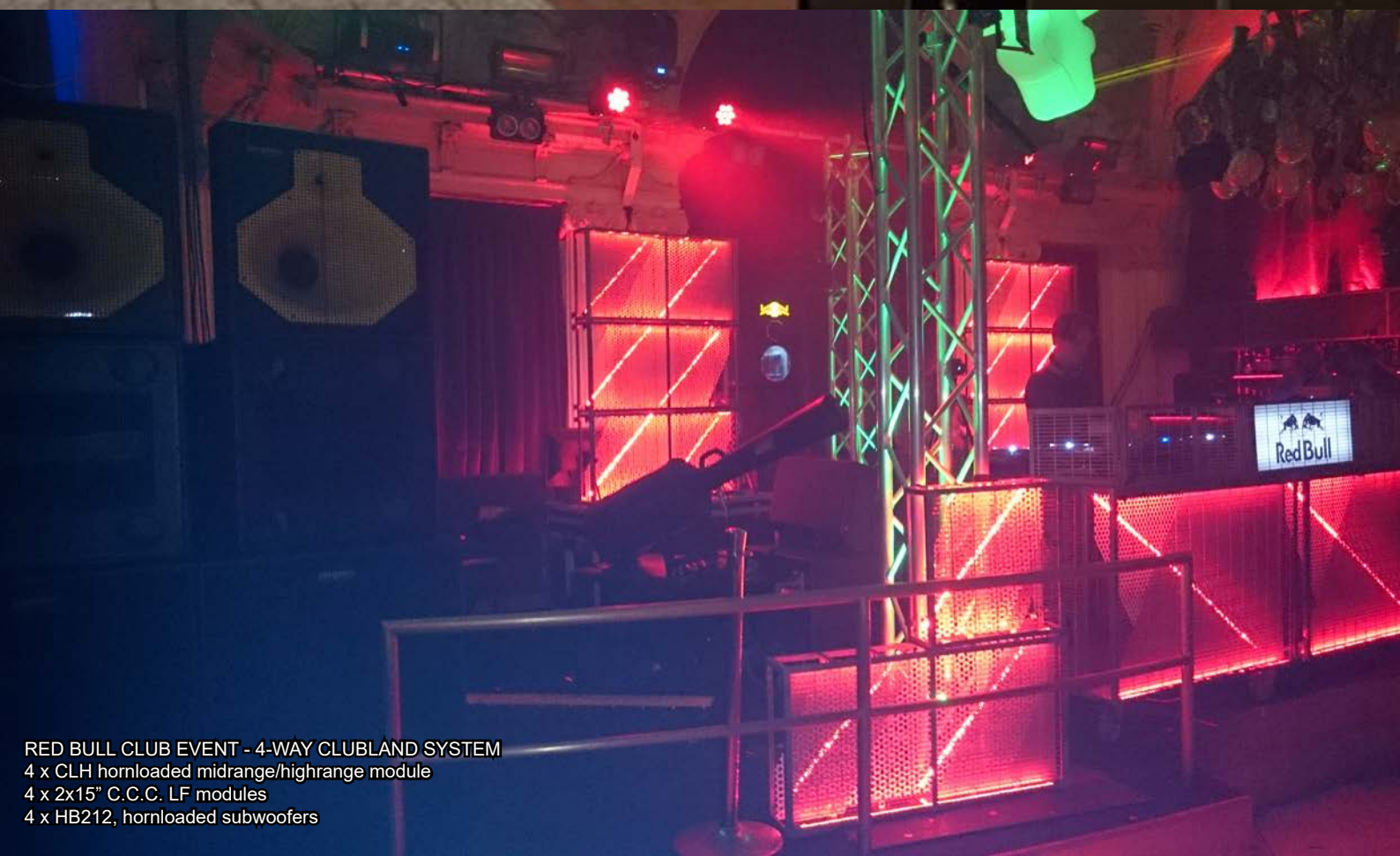








LIVE CONCERT  
 16x PLA21021 - LINE ARRAY  
 4x HB212 hornloaded subwoofers, 4x B21HP 21" subwoofer  
 8x CX152MP stage monitors 15 1/2"



RED BULL CLUB EVENT - 4-WAY CLUBLAND SYSTEM  
 4 x CLH hornloaded midrange/highrange module  
 4 x 2x15" C.C.C. LF modules  
 4 x HB212, hornloaded subwoofers





CLUB EVENT - DJ BOOTH

2 x B18HPA - active 18" subwoofer

2 x CXL152MPA - active 15"/2" multipurpose fullrange speaker



FESTIVAL

18 x PLA21021 line array

6 x B318HPC cardioid subwoofer

6 x CXL152MP, 15"/2" stage monitor

4 x CXL122MP, 12"/2" stage monitor





SMALL LIVE STAGE  
4x CXL122MPA, 12<sup>7</sup>/<sub>2</sub>" active stage monitor





#### SMALL LIVE PERFORMANCE

6 x PLA21021 line array 2x10"/2x1"

2 x B318HPC, cardioid 3x18" subwoofers

2 x CXL152MPA, 15"/2" active stage monitor

2 x CXL122MPA, 12"/2" active stage monitor



#### SMALL LIVE PERFORMANCE

8 x PLA2611 line array 2x6.5"/1"

4 x B18HP, 1x18" subwoofers

6 x CXL122MP, 12"/2" stage monitor





#### LIVE STAGE

12xPLA2611 line array  
2xB318HPC cardioid subwoofer  
8xB18HPA, active 18" subwoofer  
4xMF10A, 10" 1" active frontfill  
10xXL122MPA, active 12" 2" stage monitors



#### LIVE PERFORMANCE

12xPLA2821 line array  
5xCX152MP, 15" 2" stage monitor  
6xCXL152MP, 15" 2" stage monitor  
4xCXL122MP, 12" 2" stage monitor





**FESTIVAL RIGGING**  
16xPLA21021 line array  
6xB6HP, 2x18" subwoofer  
6xCXL152MP, 15 1/2" stage monitor  
4xCXL122MP, 12 1/2" stage monitor



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**MADE IN SWEDEN SINCE 1985**