

# CLUBLAND

**HIGH POWER HORNLOADED  
SOUND SYSTEM  
FOR LARGE VENUES AND NIGHTCLUBS**



**PROPHON**  
SOUND SYSTEMS

PROPHON SOUND SYSTEMS, MADE IN SWEDEN SINCE 1985



# CLUBLAND

## SELF-POWERED AND BI-AMPLIFIED HIGH POWER SOUND SYSTEMS

**PROPHON CLUBLAND High-power sound system**, was designed for both fixed installations in large nightclubs, places of worship, live music clubs, sports-arenas etc, and for live music, PA and the event & rental industry. The **CLUBLAND** series consists of six individual self-powered or bi-amped loudspeaker modules, designed to be combined in a variety of setups depending on application.

In a fixed installation, a bi-amped setup is often preferable.

Each loudspeaker has its own purpose and frequency response, so that when constructing a complete rig you can take into account what the system is supposed to achieve.

In short, it is a high-end, stackable/riggable, self-powered (bi-amped), hornloaded 5-way system with extremely high SPL, ultra-low distortion level with a sensitivity average of 107dB in the highrange speakers.

### **Suggested system configuration:**

In the mid/high frequency range the choice is the CLH81 or the CLH122, both cabinets consists of a 2-way hornloaded construction.

**The CLH81** houses a 8"/1"- combination loaded onto horns with a dispersion of 80x60, the frequency range covers 250Hz to 20kHz, and requires the low-mid speaker CLV215 to reproduce a fullrange sound.

**The CLH122** houses a 12"/2"-combination loaded onto horns with a dispersion of 90x60, the frequency range covers 100Hz to 18,5kHz. and can be used as a fullrange hornloaded speaker in both fixed installations and live performances.

**The CLV215** loudspeaker has a frequency response that spans from 35Hz to 500Hz, making it very versatile in setup and system configurations.

It can either be used as a low-mid, covering 50-350Hz in an fullrange installation with the CLH81 or the CLH122 in sportsarenas, outdoors or indoors, In large systems as lo-mid covering 90Hz-350Hz in combination with the CLH81 or the CLH122 and external subwoofers for extended frequency response down to 25Hz or it can function as a high power subwoofer covering 30Hz to 110Hz in a 3-way system with the CLH122, either flown or stacked.

**The CLB318** features 3 x 18" massive woofers in a cardioid configuration, with 10200W power handling, 4,5" voicecoils, and peak to peak excursion of 60 mm. With extremely high sensitivity and a max SPL of 145dB peak. CLB318 use advanced algorithms and DSP settings for achieving a cancellation behind and to the sides of the subwoofer and adding +2dB on axis compared to a 2x18" subwoofer.

**The B121** infra-sub will blow you away! The high power single 21"- frontloaded tuned basreflex subwoofers was designed to deliver an unsurpassed low end punch.

The DJ's, the musicians and the crowd will love it...

...the neighbours...wherever they may be... will hate it!

**The B221** infra-sub will blow you away! The high power double 21"- frontloaded tuned basreflex subwoofers was designed to deliver an unsurpassed low end infra punch.

The DJ's, the musicians and the crowd will love it...

...the neighbours...wherever they may be... will hate it!

**The HB212** hornloaded 2 x 12" subwoofer with an astounding sensitivity of 105dB 1W/1m@30Hz and 109dB 1W/1m.@80Hz, extremely high SPL can be achieved in the sub-frequencies. The HB212 has an attack that no competitors can even dream of achieving, with the double 12"-woofers and carefully engineered horn, both the very lowest frequencies and the more rapid upper sub is transduced with exceptional clarity. The subwoofer frequency also reaches further thanks to the long-throw horn construction, matching the hornloaded midrange and highrange speakers.







## CLH81

8" / 1"-Hornloaded Mid / high  
109 dB sensitivity  
138dB max SPL  
250Hz - 20kHz  
80 x 60 dispersion  
Measures: H60 x W60 x D60  
Power handling 500W cont



## CLH122

12" / 2"-Hornloaded Fullrange  
106 dB sensitivity  
139dB max SPL  
100Hz -18,5kHz  
60 x 40 dispersion  
Measures: H60 x W60 x D60  
Power handling 800W cont.



## CLV215

2 x 15" V-baffel Lo-mid  
106 dB sensitivity  
141dB max SPL  
35Hz -500kHz  
Long throw compression  
Measures: H60 x W60 x D60  
Power handling 2400W cont.



## CLB318

3 x 18" woofers in cardioid  
configuration for controlled and  
aimable subwoofer frequencies.  
Cancelling out low frequencies  
behind and beside the subwoo-  
fer, adding +2dB on axis.



## CLB121

1 x 21"-Frontloaded subwoofer  
100 dB sensitivity  
136 dB max SPL  
20Hz -100Hz  
Measures: H80 x W60 x D60  
Power handling 4000W cont.



## HB212

2 x 12"-Hornloaded subwoofer  
109 dB sensitivity  
145 dB max SPL  
20Hz -150Hz  
Measures: H100 x W70 x D110  
Power handling 4000W cont.



## CLB221

Earthshattering 2x21" Infrabass  
will blow the audience away,  
literally, with 6" voicecoils,  
8kW power handling continuous  
(16kW peak) 60 mm. peak to  
peak excursion. the CLB221 is a  
must in large high-end club-  
installations and events.  
2 x 21" frontloaded subwoofer  
102dB sensitivity  
8kW power handling cont.  
144 max SPL  
W60 x H120 x D80



## V-SERIES

The V-series systems amplifier range of switched mode lightweight class-D amplifiers was developed for demanding nightclub installations as well as tough "on-the-road" handling, with reliable technology, and very high sound quality. with touch-display, AES, High-end FIR DSP, loudspeaker database, Wide mains operation 90-250VAC with PFC. The V-series can be setup in a network for total control and monitoring, with several layers of grouping. V10000 with 4 x 2500W or 2 x 4000W, and the V3000 with 4 x 750W or 2 x 1500W.





Pictures showing various installations and event where the CLUBLAND sound system has been used and installed, In the Swedish nightclub "GRAND GARBO", Stockholm. Over 3000 people each week enjoy the CLUBLAND RIGG with DJ's, events and live performances. The Installation consists of 4 x CLH81 mid/high, 4 x CLV215 low-mid, and 8 x CLB118 subwoofers. All speakers are powered bi-amped by PROPHON P4200DSP and PROPHON P4700DSP, The complete CLUBLAND system with 12 zones, surrounds and ceiling speakers are controlled, monitored and processed by a PROPHON MX16.



DANCE VENUE ON A DOUBLE CLUBLAND SYSTEM @ BERNIS, STOCKHOLM  
RIGG: 4 x CLH81, 4 x CLV215, 4 x CLB118, 4 x HB212  
AMPS: 4 x CLP4200DSP, 4 x CLP4700DSP  
Photo by Jerker Netzler, JNR SYSTEMS

**prophon**

SOUND SYSTEMS

Prophon Audio & Teknik AB  
Stockholm, Sweden  
Tel: +46 8 92 86 00  
Fax: +46 8 623 07 98  
Mail: [info@prophon.se](mailto:info@prophon.se)  
Web: [www.prophon.com](http://www.prophon.com)