We have a complete range of loudspeakers, covering most installation demands. For amplifiers, DSP processors and signal distribution see page 64, For PDU (Power Distribution Units) see page 70

Our experience and many years of supplying the installation market has helped us to develop our various series, covering:

- bars, lounges, nightclubs.
- Theme parks and cruiseships.
- Theatres, concert halls
- Convention centres and churches.
- Sports centre, spinning and aerobic facilities.
- Live stages.
- Outdoor facilities.
- Sports arenas.
- shops, boutiques, malls and shopping centres.
- Railway stations, subway stations and airports.

In this catalogue only our standard products and series are presented, but in larger projects, specialized solutions are often a demand, and this is one of our many strengths.

We have, through the years, been involved in countless projects where we build according to special architectural designs, whether it being customized colour or look.

We can custom- design, develop, and manufacture after specifications, we can help with advanced acoustical sound and environment calculations, using the latest 3D-CAD computer software.

All our models have advanced measured 3D-files for download, to use in any acoustic calculation software (such as ease focus\textsuperscript{tm}, Cat\textsuperscript{tm}, Odeon\textsuperscript{tm} etc.)

For subwoofers, we present max SPL and sensitivity in two ways so that the user can compare with our competitors in a fair way. A lot of manufacturer out there use methods to make their speakers look good “on paper” using peak power handling (max continuous program handling times four), 2Pi (half space) and other ways to make it seems like the speaker better can perform than it in reality can.

CS- & CSX- SERIES, page 18-19
Three sizes of In-wall and in-ceiling speakers, 2-way coaxial design, built-in 100V-trafo with different power and 8 ohm.

VPS-SERIES, page 16-17
Wall mounted plastic installation speakers, four sizes in black and white, built-in 100V trafo with different power and 8 ohm.

F-SERIES, page 8-9
Six models of fullrange passive installation speakers, from 6” to 15”, black or white.

CLUBLAND SERIES
page 20-21
Horn loaded fullrange speakers for installation in large venues, outdoor, and in sportsarenas

S-SERIES,
page 10-11
A variety of models and sizes of Subwoofers for installation.

CLA-SERIES & CLAM21041
page 12-15
Column speakers and line array for the very best result in churches, theatres, conference centres etc.
F-SERIES
2-way passive fullrange installation speakers

PROPHON INSTALLATION SERIES
**PRESENTATION**

The F-series installation speakers consists of a complete range of two-way bi-amplified passive fullrange loudspeakers, from the smallest F6 to the largest F152. All models have a similar “sound” so that different sizes can be installed in the same installation without unwanted frequency interference, so that all models can be mixed with very good result. The F-series have been carefully designed with one purpose only, to be able to reproduce an accurate and unaffected neutral sound with high resolution, low distortion in a discrete appealing design.

**INSTALLATION**

Developed to satisfy the demand in a series of fullrange installation speakers with a two-way design for as well speech and song as recorded and live music. They are easy to install and have a well balanced sound. The PROPHON F-series was designed for installation in live performance facilities, nightclubs, bars and restaurants, conference centres, churches, theatres, theme parks etc. where design, sound quality and flexibility are essential.

**FEATURES**

- 2-way passive design with advanced crossover networks.
- Superb sound quality with fullrange frequency response, rich base, and clear midrange.
- Neutral appearance with appealing design.
- Two M10 threads, one on each side, for installing with the speaker bracket.
- Easy to install with the dedicated installation bracket (extra)
- Protective perforated steel grille and speaker foam, both with minimum air flow resistance.
- Can be ordered in any colour, Black and white are standard.

**APPLICATIONS**

- Bars and restaurants
- Nightclubs and discoteques
- A/V rooms
- Conference centres
- Cruise ships, theme parks and leisure facilities
- Churches
- Live stages
- Theatres and concert houses.
- Places of worship

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**Technical specifications F-series fullrange installation speakers.**

<table>
<thead>
<tr>
<th>Model</th>
<th>Construction</th>
<th>Frequency range -6dB</th>
<th>Sensitivity (1w / 1m)</th>
<th>Nomineal Impedance</th>
<th>Power handling</th>
<th>Max SPL dB@1m. Calc.</th>
<th>Size / cm. H x W x D</th>
<th>Weight Kg</th>
<th>Low frequency driver</th>
<th>High frequency driver</th>
<th>Dispersion H x V</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>F6</td>
<td>Passive, bass reflex</td>
<td>120Hz-19kHz</td>
<td>94dB</td>
<td>8 ohm</td>
<td>150W RMS</td>
<td>119</td>
<td>22/16 x 26 x 20</td>
<td>5</td>
<td>6” 150 mm.</td>
<td>25 mm.</td>
<td>90° conical</td>
<td>Black / white</td>
</tr>
<tr>
<td>F8</td>
<td>Passive, bass reflex</td>
<td>90Hz-19kHz</td>
<td>96dB</td>
<td>8 ohm</td>
<td>200W RMS</td>
<td>120</td>
<td>27,5/19 x 35 x 27</td>
<td>10</td>
<td>8” 200 mm.</td>
<td>1” 25 mm.</td>
<td>100° conical</td>
<td>Black / white</td>
</tr>
<tr>
<td>F10</td>
<td>Passive, bass reflex</td>
<td>60Hz-19kHz</td>
<td>99dB</td>
<td>8 ohm</td>
<td>250W RMS</td>
<td>126</td>
<td>34/26 x 46 x 28</td>
<td>11</td>
<td>10” 250 mm.</td>
<td>1” 25 mm.</td>
<td>90° x 60° conical</td>
<td>Black / white</td>
</tr>
<tr>
<td>F12</td>
<td>Passive, bass reflex</td>
<td>60Hz-19kHz</td>
<td>99dB</td>
<td>8 ohm</td>
<td>300W RMS</td>
<td>127</td>
<td>43/30 x 54 x 38</td>
<td>20</td>
<td>12” 320 mm.</td>
<td>1” 25 mm.</td>
<td>80° conical</td>
<td>Black / white</td>
</tr>
<tr>
<td>F122</td>
<td>Passive, bass reflex</td>
<td>60Hz-19kHz</td>
<td>100dB</td>
<td>8 ohm</td>
<td>400W RMS</td>
<td>128,5</td>
<td>43/30 x 54 x 38</td>
<td>24</td>
<td>12” 320 mm.</td>
<td>2” 50 mm.</td>
<td>80° conical</td>
<td>Black / white</td>
</tr>
<tr>
<td>F152</td>
<td>Passive, bass reflex</td>
<td>50Hz-19kHz</td>
<td>99dB</td>
<td>8 ohm</td>
<td>500W RMS</td>
<td>130</td>
<td>50/29 x 60 x 45</td>
<td>33</td>
<td>15” 400 mm.</td>
<td>2” 50 mm.</td>
<td>80° conical</td>
<td>Black / white</td>
</tr>
</tbody>
</table>

A vast range of installation brackets are available (see separate brochure)  
Several smart installation hardwares are available (see separate brochure)  
Selected models are available in the Ease focus 2 database for acoustic simulations and presentations.
S-SERIES
Bi-amplified installation subwoofers

PROPHON INSTALLATION SERIES
S-SERIES
Bi-amplified installation subwoofers

PRESENTATION
The Prophon S-Series was designed as a series of high power low frequency installation subwoofers for use in live applications and for recorded music. The design is front loaded tuned bass reflex for reproducing natural sound, controlled low frequencies. The powerful low frequency drivers have been developed to satisfy the high demands put on today’s subwoofers in performance, power handling and Max SPL. This has been ensured using double spider technology, reinforced cone structure, and vented magnet assembly.

The cabinets are manufactured from heavily reinforced 19 mm. Medium Density Fibreboard, using high precision fully computer-controlled CNC-machines, and painted with a specially developed two-component hardened paint. The woofers are protected by a fully covering, 1.5 mm thick, perfored steel grille and a speaker foam, both with minimum air flow resistance and acoustic interference.

All models in the S-series comes in two versions, where the only difference is the power handling, making the S-series extremely versatile in projecting and installing.

FEATURES
• High power installation subwoofers featuring two versions of each speaker, with different power handling.
• Painted with two-component hardened lacque.
• Built with 19 mm. heavily reinforced medium density fibreboard for minimum cabinet vibration.
• 1.5 mm. protective perfored steel grille with speaker foam.
• Custom woofers for best performance.
• Neutrik speakon input and link out.
• Frontloaded tuned bass reflex construction for optimal frequency coverage.
• High max SPL, low distortion.
• Tuned for reproducing low frequencies with perfect cone control.

APPLICATIONS
• Bars and restaurants.
• Nightclubs and discotques.
• Conference centres.
• Cruise ships, theme parks and leisure facilities.
• Live stages.
• Theatres and concert halls
• Work-out centres, aerobic-rooms and spinning-rooms
• Schools and other public address environment

Technical specifications S-Series installation subwoofers

<table>
<thead>
<tr>
<th>Model</th>
<th>Construction</th>
<th>Frequency range -6dB</th>
<th>Sensitivity (1w / 1m) Open space (4pi) Half space (2pi)</th>
<th>Nominal Impedance</th>
<th>Power handling</th>
<th>Max SPL dB@1m. cont... / Peak*</th>
<th>Size / cm. H x W x D</th>
<th>Low frequency driver</th>
<th>Voice coil diameter</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>S12L</td>
<td>Bi-amplified bass reflex</td>
<td>45 - 500Hz</td>
<td>95 dB 98 dB 8 ohm</td>
<td>450W RMS 900W cont...</td>
<td>125 dB 133 dB</td>
<td>50 x 40 x 35 1 x 12&quot; 320 mm. 76 mm.</td>
<td>Black / white</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>S12</td>
<td>Bi-amplified bass reflex</td>
<td>40 - 500Hz</td>
<td>95 dB 98 dB 8 ohm</td>
<td>1000W RMS 2000W cont...</td>
<td>128 dB 137 dB</td>
<td>50 x 40 x 35 1 x 12&quot; 320 mm. 76 mm.</td>
<td>Black / white</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>S15L</td>
<td>Bi-amplified bass reflex</td>
<td>35 - 400Hz</td>
<td>99 dB 102 dB 8 ohm</td>
<td>550W RMS 1100W cont...</td>
<td>129.5 dB 138.5 dB</td>
<td>60 x 48 x 54 1 x 15&quot; 400 mm. 76 mm.</td>
<td>Black / white</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>S15</td>
<td>Bi-amplified bass reflex</td>
<td>35 - 400Hz</td>
<td>96 dB 99 dB 8 ohm</td>
<td>1000W RMS 2000W cont...</td>
<td>129 dB 138 dB</td>
<td>60 x 48 x 54 1 x 15&quot; 400 mm. 76 mm.</td>
<td>Black / white</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>S18L</td>
<td>Bi-amplified bass reflex</td>
<td>30 - 400Hz</td>
<td>99 dB 102 dB 8 ohm</td>
<td>600W RMS 1200W cont...</td>
<td>130 dB 139 dB</td>
<td>73 x 55 x 60 1 x 18&quot; 460 mm. 76 mm.</td>
<td>Black / white</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>S18</td>
<td>Bi-amplified bass reflex</td>
<td>30 - 400Hz</td>
<td>97 dB 100 dB 8 ohm</td>
<td>1200W RMS 2400W cont...</td>
<td>130.5 dB 139.5 dB</td>
<td>73 x 55 x 60 1 x 18&quot; 460 mm. 76 mm.</td>
<td>Black / white</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>S215L</td>
<td>Bi-amplified Bass reflex</td>
<td>35-400Hz</td>
<td>102 dB 105 dB 4 ohm</td>
<td>1100W RMS 2200W cont...</td>
<td>135.5 dB 144.5 dB</td>
<td>100 x 50 x 54 2 x 15&quot; 400 mm. 76 mm.</td>
<td>Black / white</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>S215</td>
<td>Bi-amplified Bass reflex</td>
<td>35-400Hz</td>
<td>99 dB 102 dB 8 ohm</td>
<td>2000W RMS 4000W cont...</td>
<td>135 dB 144 dB</td>
<td>100 x 50 x 54 2 x 15&quot; 400 mm. 76 mm.</td>
<td>Black / white</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>S218L</td>
<td>Bi-amplified Bass reflex</td>
<td>30-400Hz</td>
<td>102 dB 105 dB 4 ohm</td>
<td>1200W RMS 2400W cont...</td>
<td>135.5 dB 144.5 dB</td>
<td>120 x 60 x 60 2 x 18&quot; 460 mm. 76 mm.</td>
<td>Black / white</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>S218</td>
<td>Bi-amplified Bass reflex</td>
<td>30-400Hz</td>
<td>100 dB 103 dB 4 ohm</td>
<td>2400W RMS 4800W cont...</td>
<td>136.5 dB 145 dB</td>
<td>120 x 60 x 60 2 x 18&quot; 460 mm. 76 mm.</td>
<td>Black / white</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>S21L</td>
<td>Bi-amplified Bass reflex</td>
<td>25-200Hz</td>
<td>97 dB 100 dB 4 ohm</td>
<td>1700W RMS 3400W cont...</td>
<td>130.5 dB 140.5 dB</td>
<td>80 x 60 x 67 1 x 21&quot; 530 mm. 116 mm.</td>
<td>Black / white</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>S21</td>
<td>Bi-amplified Bass reflex</td>
<td>25-200Hz</td>
<td>96 dB 99 dB 4 ohm</td>
<td>2000W RMS 4000W cont...</td>
<td>132 dB 141 dB</td>
<td>80 x 60 x 67 1 x 21&quot; 530 mm. 153 mm.</td>
<td>Black / white</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*All Max SPL data are calculated and presented in two ways: continues and Peak, the continues max SPL are the most accurate, but some of our competitors use the peak reference, so we feel obliged to do the same, remember that we suggest that the continues max SPL are used. The Max peak spl are only for your reference. Max SPL peak have the following equation: sensitivity in 2Pi times peak power handling (4 x continues power handling) equals max SPL peak.
PRESENTATION

The CLA series of column linear arrays was developed to blend in with the environment and still reproduce astounding dispersion control in collaboration with a fullrange frequency response for speech, recorded music and live applications.

Most column speakers from our competitors have the frequency response focused around the vocal frequencies, covering a meagre 250Hz up to maybe 10-12 kHz, we have a different approach, knowing that today’s demand in a sound system are way higher, where a fullrange sound, covering all frequencies are essential to reproduce both music and speech with accuracy, presence and clarity.

FEATURES

- Extremely high SPL (>108dB)
- Controlled vertical and horizontal dispersion
- Low distortion
- Easily handles both speech and music
- Fullrange frequency response 100Hz - 18kHz
- Extended frequency response with any of our subs.
- Flight ware included for easy installation
- Bi-amplified or self-powered
- Fully covering perforated steel grille, with protective speaker foam.
- Sleek and neutral design.
- Typical -3dB behaviour for each doubling of distance (point source speakers lose 6dB for each doubling of distance)

APPLICATIONS

- Churches
- Auditoriums
- Convention centres
- Malls
- Shopping centres
- A/V rooms
- Theatres
- Concert halls
- Conference centres
- Public address

Typical controlled narrow vertical dispersion, and wide horizontal dispersion, of a column array speaker.

Technical specifications CLA-series Column Linear Array

<table>
<thead>
<tr>
<th>Model</th>
<th>Construction</th>
<th>Frequency range +6dB</th>
<th>Sensitivity (1w / 1m open space)</th>
<th>Nominell Impedance</th>
<th>Power handling</th>
<th>Max SPL dB@1m.</th>
<th>Low frequency driver</th>
<th>High frequency driver</th>
<th>Dispersion H x V</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>CLA8881</td>
<td>Bi-amplified basreflex</td>
<td>70Hz - 19kHz</td>
<td>109 dB</td>
<td>8 x 8 ohm</td>
<td>2000W RMS</td>
<td>140</td>
<td>8 x 9” 200 mm.</td>
<td>8 x 1” 25 mm.</td>
<td>custom defined</td>
<td>Black / white</td>
</tr>
<tr>
<td>CLA8681</td>
<td>Bi-amplified bass reflex</td>
<td>100-19kHz</td>
<td>107 dB</td>
<td>8 x 8 ohm</td>
<td>1200W RMS</td>
<td>139</td>
<td>8 x 6” 150mm.</td>
<td>8 x 1” 25 mm.</td>
<td>custom defined</td>
<td>Black / white</td>
</tr>
<tr>
<td>CLA3311</td>
<td>Bi-amplified closed</td>
<td>150Hz - 20kHz</td>
<td>104 dB</td>
<td>8 x 8 ohm</td>
<td>400W RMS</td>
<td>130</td>
<td>8 x 3.5” 100mm.</td>
<td>custom defined</td>
<td>Black / white</td>
<td></td>
</tr>
<tr>
<td>CLA4611</td>
<td>Bi-amplified, closed</td>
<td>120Hz - 20kHz</td>
<td>98 dB</td>
<td>2 ohm</td>
<td>600W RMS</td>
<td>129</td>
<td>4 x 6,5” 150mm.</td>
<td>1 x 1” 25 mm.</td>
<td>custom defined</td>
<td>Black / white</td>
</tr>
</tbody>
</table>
CLAM21041 (Column Linear Array Module)
Fixed installation line array module

PROPHON INSTALLATION SERIES
PRESENTATION

The CLAM21041 is a line array module for fixed installations. The specially designed horn and wave guides flattens the sound waves to a perfectly non-delayed symmetrical wave front with a 100 x 15 dispersion pattern. The bi-amplified construction allows for economical use of external amplifiers and DSP processors, (available presets in all our processors and amplifiers with built-in dsp’s)

We have omitted all external features in the CLAM21041, to reduce manufacturing cost, so that the module can perform like the most expensive tour line arrays, but cost a fraction, the splay tilting hardware was designed to be easy to use, safe and economical. Most hardwares for line arrays are designed for tour and rental applications, with versatility and "on-the-road" thinking, resulting in very expensive hardwares, usually costing as much as 20% of the actual speaker, this is of very little use in fixed installations. We have also looked into how line arrays often are installed, and the CLAM21041 are actually two line array modules in one cabinet, Each driver and woofer has a perfect alignment, resulting in a seamless linear wave front. The cabinet were designed to be as shallow as possible (only 280 mm.) knowing that depth is often a problem when installing Line arrays.

Features:
- 2 x 10” high power, custom woofers
- 4 x 1”-drivers mounted on separate wave guides and horns with a 100x15 dispersion pattern.
- Easy to install, with only one, multi usage, installation bracket for fixing splay angles.
- Available in the free Ease Focus 2 software, for acoustical calculations, simulations, predictions and presentations
- Controlled dispersion pattern of H100 x V15
- True line array coupling, with a typical -3dB / doubling of distance
- DSP presets available to download from our web site to all our processors and DSP amplifiers.
- Only 280 mm. in depth, for discreet installations.
- Fully covering perfored steel grille with speaker foam behind

Applications:
- Churches
- Multi arenas.
- Concert halls
- Football stadiums.
- Large live venues.
- Hockey rinks.
- Large nigh clubs.
- Theatres
- Conference centres
- Large cinema theatres
- Auditoriums
- Large cinema theatres
- Places of worship

TECHNICAL SPECIFICATIONS CLAM21041, LINE ARRAY MODULE

Model CLAM21041
Speaker type 2-way, bi-amplified line array module for fixed installations
Components LF: 2 x 10” woofers frontloaded bass reflex column arrayed
HF: 4 x 1” drivers, mounted on seamless wave guides.
Power handling LF: 400W RMS / 800W cont.
HF: 80W RMS / 160W cont.
Sensitivity LF: 99dB, 1W/1m. (2x97 dB)
HF: 113dB, 1W/1m. (4 x 107dB)
Max SPL (calc.) Continuous, open space: 129dB
Peak, 2Pi half space: 136,5dB
Impedance LF: 2x8ohm (4ohm)
HF: 4x8 ohm (2ohm)
Dispersion H100 x V15
Frequency response Array dependent, (1 module: 60-18kHz, -6dB)
Dimensions H570 x W520 x D280
Weight

The CLAM21041 are available in the EASE FOCUS 2 database for acoustical simulations, predictions and presentations, CLF-files are also available for down loading and importing into architectural construction- acoustic- and CAD- soft wares.
VPS-SERIES
Fullrange, 100V / 8 ohm wallmount speakers

PROPHON INSTALLATION SERIES
All models in the VPS-series has a built-in 100V transformer with a switch for choosing different power-taps or 8 ohms.

There are four models of passive speakers that all comes in black (B) or white (W), and one active version of the VPS502W. With a 4”-woofer, 5”-woofer, 6”-woofer and a 8”-woofer.

The VPS502W are also available in active version, with built-in amplifier, treble and base control, volume control, XLR input and output, power on/off. Each passive model has a built-in 100V transformer with a select switch in the back for easy setting different power-taps, they can also be run in 8 ohm mode.

When we started with the developing and designing process, we did not want to do “yet another plastic speaker made in china” so very hard work was put into choosing components, designing crossovers and looking into the need and demand in these kind of speakers, talking to installers, project managers, architects and sound engineers, and after endless hours of testing and evaluating, both in our testing facility, our lab, and in numerous real installation environments the VPS series are born, after thousands upon thousands of VPS speakers sold, we can look back on all the work put into the series and say “it was worth it!”

With a neutral and clear sound, low distortion and wide frequency response the VPS-series are your perfect installation partner!

INSTALLATION
Developed to satisfy the demand in a series of fullrange installation speakers with a two-way design for speech and recorded music. They are easy to install and have a well balanced sound.

The PROPHON VPS-series has been designed for use in restaurants, bars, shops, hospitals, schools, A/V-rooms, conference centres, malls, cruise-ships, and other leisure facilities, where design, sound quality and flexibility are essential.

Features:
- 2-way passive design with advanced dedicated crossover networks
- Sold in pairs
- Superb sound quality with fullrange frequency-response, rich base and clear midrange
- Installation brackets included
- Built-in 100V transformer with a select switch for different power taps
- Can be run in 8 ohm, easily adjusted with the power tap switch
- Neutral appearance with appealing design
- Two M6 thread in the back makes the VPS-series
- Easy to install with any standard wall bracket.
- Weatherproof design.

Applications:
- Bars and restaurants
- Shops and malls
- Public address
- Schools
- A/V rooms
- Conference centres
- Cruise ships, theme parks and leisure facilities
- Churches and theatres
- High-end home cinema, and surround systems.

### Technical specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Construction</th>
<th>Frequency range -6dB</th>
<th>Sensitivity (1w / 1m)</th>
<th>Nominal Impedance</th>
<th>Power handling</th>
<th>Size / mm. H x W x D</th>
<th>Weight Kg</th>
<th>100V Line switch, power</th>
<th>Low frequency driver</th>
<th>High frequency driver</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>VPS402</td>
<td>Passive, closed box</td>
<td>120Hz-22kHz</td>
<td>84dB</td>
<td>8 ohm</td>
<td>40W RMS</td>
<td>210x160x135</td>
<td>2.0</td>
<td>Yes, 2w, 4w, 8w, 16w, 8 ohm</td>
<td>4&quot; (100mm)</td>
<td>13 mm dome</td>
<td>Black / white</td>
</tr>
<tr>
<td>VPS502</td>
<td>Passive, closed box</td>
<td>100Hz-22kHz</td>
<td>86dB</td>
<td>8 ohm</td>
<td>50W RMS</td>
<td>240x180x145</td>
<td>2.6</td>
<td>Yes, 2w, 4w, 8w, 16w, 8 ohm</td>
<td>6&quot; (125mm)</td>
<td>13 mm dome</td>
<td>Black / white</td>
</tr>
<tr>
<td>VPS502WA</td>
<td>Active, closed box</td>
<td>100Hz-22kHz</td>
<td>86dB</td>
<td>8 ohm</td>
<td>50W RMS</td>
<td>240x180x145</td>
<td>2.6</td>
<td>No</td>
<td>No</td>
<td>13 mm dome</td>
<td>Black / white</td>
</tr>
<tr>
<td>VPS602</td>
<td>Passive, bass reflex</td>
<td>95Hz-22kHz</td>
<td>85dB</td>
<td>8 ohm</td>
<td>60W RMS</td>
<td>290x215x165</td>
<td>4.0</td>
<td>Yes, 2w, 4w, 8w, 16w, 8 ohm</td>
<td>6&quot; (150mm)</td>
<td>25 mm dome</td>
<td>Black / white</td>
</tr>
<tr>
<td>VPS802</td>
<td>Passive, bass reflex</td>
<td>65Hz-22kHz</td>
<td>88dB</td>
<td>8 ohm</td>
<td>85W RMS</td>
<td>350x270x180</td>
<td>6.9</td>
<td>Yes, 4w, 8w, 16w, 32w, 8 ohm</td>
<td>8&quot; (200mm)</td>
<td>25 mm dome</td>
<td>Black / white</td>
</tr>
</tbody>
</table>
CS- & CSX- SERIES
Ceiling & in-wall speakers

PRESENTATION
The PROPHON CS-Series consists of three sizes of coaxial 2-way ceiling speakers with passive crossover and a built in 100V line-transformer that enables all models to be run either in 8 ohm-version or 100V in 5W, 10W, 20W or 30W depending on model and configuration. Installing is made easy by the 3 adjustable fastening locks, that can be mounted on 8 mm to 30 mm thick ceilings or walls. The drivers are protected with a fully covering perforated steel grille. CS502 consists of a 5”-woofer and a 0,75”-dome tweeter, CS602 consists of a 6” woofer and a 0,75”-dome tweeter, CS802 consists of a 8”woofer and a 1”-dome tweeter.

The PROPHON CSX-series have the same technical specifications, but an even better sound quality with higher sensitivity, and a back-cover with push-terminals and a select switch for easily choosing power-taps when installing.

INSTALLATION
Developed to satisfy the demand in a series of ceiling / in-wall speaker with a two-way fullrange sound for speech and recorded music. They are easy to install and have a well balanced sound. The PROPHON CS-series has been designed for use in shops, hospitals, schools, A/V-rooms, conference centres, malls, cruises, and other leisure facilities, where design, sound quality and flexibility are essential.

Features:
• 2-way coaxial design
• Easy to install with smart hardware
• Superb sound quality with fullrange frequency response, rich base and clear midrange
• Adjustable dispersion on tweeter
• Built-in 100V transformer with different power taps
• Can be run in 8 ohm if bypassing the transformer
• Sleek design with only 65 - 85 mm. depth, depending on model

Applications:
• Bars and restaurants
• Shops and malls
• Public address
• Schools
• A/V rooms
• Conference centres
Technical specifications CS- & CSX- Series

<table>
<thead>
<tr>
<th>MODEL</th>
<th>Components / design</th>
<th>Color</th>
<th>Measurements</th>
<th>Dispersion</th>
<th>Power-taps CSX-series</th>
<th>Wiring CS-series (color)</th>
<th>Sensitivity 1W/1m.+6dB</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS-502 / CSX-502</td>
<td>5”-woofer / 0.75”-dome tweeter, coaxial passive</td>
<td>White</td>
<td>A= 200 mm. B= 172 mm. C= 65 mm. (CSX=135 mm) D= 8 - 30 mm.</td>
<td>80° conical</td>
<td>Line in: 70V/100V 2.5W/5W/10W/20W 8 Ohm</td>
<td>White = 10W, Blue = 15W, Green = 20W Black = com (-) Bypass = 8 ohm</td>
<td>CS - 88dB</td>
<td>1.35 kg</td>
</tr>
<tr>
<td>CS-602 / CSX-602</td>
<td>6”-woofer / 0.75”-dome tweeter, coaxial passive</td>
<td>White</td>
<td>A= 230 mm. B= 200 mm. C= 70 mm. (CSX=160 mm) D= 8 - 30 mm.</td>
<td>80° conical</td>
<td>Line in 70V / 100V 3.8W/7.5W/15W/30W 8 Ohm</td>
<td>White 10W, Blue 15W, Green 20W Black com (-) Bypass 8 ohm</td>
<td>CS - 90dB</td>
<td>1.6 kg</td>
</tr>
<tr>
<td>CS-802 / CSX802</td>
<td>8”-woofer / 1”-dome tweeter, coaxial passive</td>
<td>White</td>
<td>A=260 mm. B=226 mm. C= 85 mm. (CSX=210 mm) D= 8 - 30 mm.</td>
<td>80° conical</td>
<td>Line in: 70V/100V 5W/10W/20W/40W 8 Ohm</td>
<td>Blue 10W, (white) Green 20W, (blue) Red 30W (yellow) Black com (-) Bypass 8 ohm</td>
<td>CS - 92dB</td>
<td>1.95 kg</td>
</tr>
</tbody>
</table>

Connection guide 100V power tap CS-series

CS502 / CS602
CS802

INPUT FROM
100V AMPLIFIER

Transformer

Speaker in
(Wiring CS-series)

Above:
CSX-Series back cover
with push-terminals and power-tap 70V/100V

Below:
Depth (C) of the back-cover

DIMENSIONS CS-series

Frontgrille on the CSX-series

Connection guide 100V power tap CS-series

CS- & CSX- SERIES
Ceiling & in-wall speakers
CLUBLAND SOUND SYSTEM
High power, high end, horn loaded speakers for installation and tour applications

PRESENTATION

The CLUBLAND SOUND SYSTEM is a range of horn loaded long throw speakers that were developed in line with the growing demand in better reinforcement systems in large nightclubs, stadiums, venues, sports facilities and arenas. Often these kind of installations must cover vast distances or have a controlled dispersion, very often both these features. The prophon CLUBLAND series was designed to reproduce extremely high SPL in collaboration with low distortion levels and an accurate dispersion control, and at the same time deliver an unsurpassed frequency response, covering the whole fullrange frequency range.

The horn loaded top/fullrange- speakers individually have an extremely high sensitivity of 108dB, 1W/1m, with very low distortion.

For extended low frequency response when reproducing music the 2x15" C.C.C (Common Compression Chamber) CLV215 subwoofer is the perfect complement.

PROPHON CLUBLAND High-power sound system, was designed for both fixed installations in large nightclubs, places of worship, live music clubs, sports-arenas, venues and stadiums, and for touring, and the event & rental industry.

The CLUBLAND series consists of six individual self-powered or bi amped loudspeakers, designed to be combined in a variety of setups depending on application.

In a fixed installation, a bi-amped setup is often preferable, in the rental industry self-powered speakers has come to dominate thanks to easy-to-use built-in amplifiers and DSP-processors with factory presets for a variety of setups.

Features:

- Extremely high SPL (>108dB)
- Controlled dispersion
- Low distortion
- Easily covers speech and music over vast distances
- Fullrange frequency response
- Extended frequency response with the CLV215 SUB
- Flight ware included for easy installation
- Bi-amplified or self-powered
- Fully covering perforated steel grille front

Applications:

- Large nightclubs.
- Football stadiums.
- Multi arenas.
- The rental industry.
- Live bands
- Large live venues.
- Hockey rinks.
- Sports events.
- Tour applications.
- Portable DJ’s
Suggested system configuration:
In the mid/high frequency range there are two models: the CLH81 and the CLH122, both cabinets consists of a 2-way horn-loaded construction, the CLH81 is a mid/high horn loaded speaker, the CLH122 is a fullrange horn loaded speaker.

The CLH81 houses a horn loaded 8"-woofer and a 1"-driver mounted on a horn, both with a dispersion of 80x60, the frequency range covers 250Hz - 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 – 18.5kHz, and can be used as a fullrange horn loaded speaker in both fixed installations and live performances, for extended low frequency fullrange reproduction a CLV215 is recommended.

The CLV215 loudspeaker has a frequency response that spans from 30Hz 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 sports arenas, outdoors or indoors, or in larger 4-way sound systems at lo-mid covering 90Hz-350Hz in combination with the CLH81 or the CLH122 and external subwoofers for extended frequency response down to 25Hz. The CLV can also function as a high power subwoofer covering 30Hz to 110Hz in a 3-way system with the CLH122, either flown or stacked.

The CLB118 is a high power single 18"-frontloaded tuned bass reflex subwoofer, constructed to reproduce accurately the low frequencies with minimum distortion and with total control of cone-suspension. CLB118 will deliver that sought-after, but rarely achieved punch, both DJ’s and live sound technicians want.

The CLB121 infra-sub will blow you away! The high power single 21"-frontloaded tuned bass reflex 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 CHB212 horn loaded 2 x 12" subwoofer with an astounding sensitivity of 109dB 1W/1m.@80Hz and 105dB 1W/m@30Hz, 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 frequencies also reaches further away thanks to the long-throw horn construction, matching the horn loaded midrange and high range speakers.

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

In short, the CLUBLAND SOUND SYSTEM are a high-end, stack able / rig able, self-powered or bi-amplified, horn loaded, 5-way system with extremely high SPL, ultra-low distortion level, for installation in large venues or for concerts and live applications

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<table>
<thead>
<tr>
<th>Model</th>
<th>Construction</th>
<th>Frequency range -6dB</th>
<th>Sensitivity (tw / 1m) open space</th>
<th>Nominal Impedance</th>
<th>Power handling</th>
<th>Max SPL dB@1m. Calc.</th>
<th>Size / cm. H x W x D</th>
<th>Low frequency driver</th>
<th>High frequency driver</th>
<th>Dispersion R x V</th>
</tr>
</thead>
<tbody>
<tr>
<td>CLH81</td>
<td>closed, horn loaded</td>
<td>250 - 19kHz</td>
<td>109 dB</td>
<td>8 ohm</td>
<td>250W RMS / 500W cont.</td>
<td>138</td>
<td>60 x 60 x 60</td>
<td>8&quot; 200 mm.</td>
<td>12&quot; 320 mm.</td>
<td>2 x 15&quot; 400 mm.</td>
</tr>
<tr>
<td>CLH122</td>
<td>bass reflex, horn loaded</td>
<td>100- 19kHz</td>
<td>107 dB</td>
<td>8 ohm</td>
<td>500W RMS / 1000W cont.</td>
<td>139</td>
<td>90 x 60 x 60</td>
<td>12&quot; 320 mm.</td>
<td>25 mm</td>
<td>25 mm</td>
</tr>
<tr>
<td>CLV215</td>
<td>Common Compression Chamber</td>
<td>35Hz - 500Hz</td>
<td>106 dB</td>
<td>4 ohm</td>
<td>1200W RMS / 2400W cont.</td>
<td>141</td>
<td>60 x 60 x 60</td>
<td>2 x 15&quot; 400 mm.</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>CLB118</td>
<td>Front loaded bass reflex</td>
<td>35-200Hz</td>
<td>100dB</td>
<td>8 ohm</td>
<td>1200W RMS / 2400W cont.</td>
<td>137</td>
<td>60 x 60 x 60</td>
<td>15&quot; 400 mm.</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>CLB121</td>
<td>Front loaded bass reflex</td>
<td>25-100Hz</td>
<td>99 dB</td>
<td>4 ohm</td>
<td>2000W RMS / 4000W cont.</td>
<td>138</td>
<td>80 x 60 x 65</td>
<td>21&quot; 525 mm.</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>CHB212</td>
<td>Horn loaded subwoofer</td>
<td>30-200Hz</td>
<td>108</td>
<td>4 ohm</td>
<td>2000W RMS / 4000W cont.</td>
<td>144</td>
<td>90 x 72 x 124</td>
<td>2 x 12&quot; 320 mm.</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>