



# HDL 6-A

ACTIVE LINE ARRAY MODULE



**Description** The HDL6-A is the ideal choice when line array performance is needed and a fast and easy set-up a must. A 1400 W 2-channel class-D amplifier powers the system. A powerful DSP processes the sound including crossover, phase correction, limiting and protection. The system features state-of-the-art RCF transducers – two powerful 6.0" woofers for a solid bass reproduction plus a high powered 1.7" voice coil compression driver mounted on a precise 100° x 10° waveguide delivers vocal clarity with high definition and an incredible dynamic. The HDL 12-AS is the ideal flyable bass complement for the HDL 6-A array system.

- Features**
- › 1400 W, two-way amplification
  - › 131 dB max SPL
  - › 1.7" voice coil neodymium compression driver
  - › 2 x high power neodymium 6.0"woofers
  - › 48 kHz, 32 bit floating point DSP processing
  - › Symmetrical design
  - › Extremely low weight
  - › FIRPHASE processing

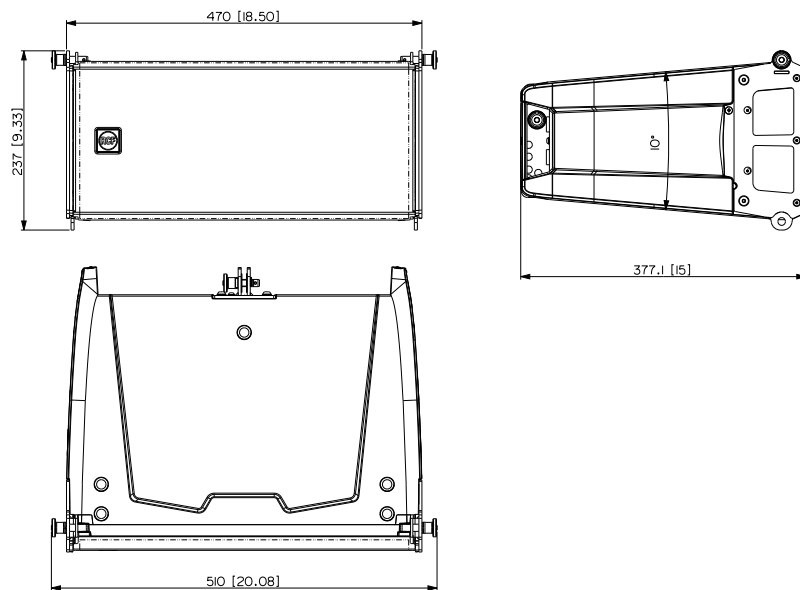
|                    |                    |    |           |       |                   |
|--------------------|--------------------|----|-----------|-------|-------------------|
| <b>Part Number</b> | 13000496 HDL 6-A   | EU | 220-240 V | Black | EAN 8024530014476 |
|                    | 13000509 HDL 6-A   | US | 115 V     | Black | EAN 8024530014483 |
|                    | 13000514 HDL 6-A W | EU | 220-240 V | White | EAN 8024530014773 |
|                    | 13000515 HDL 6-A W | US | 115 V     | White | EAN 8024530014780 |



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Line Art 2D



### TECHNICAL SPECIFICATIONS

|                           |                           |                         |
|---------------------------|---------------------------|-------------------------|
| Acoustical specifications | Frequency Response        | 65 Hz - 20000 Hz        |
|                           | Max SPL @ 1m              | 131 dB                  |
|                           | Horizontal coverage angle | 100°                    |
|                           | Vertical coverage angle   | 10°                     |
| Transducers               | Compression Driver        | 1 x 1.0" neo, 1.75" v.c |
|                           | Woofer                    | 2 x 6.0" neo, 2.0" v.c  |
| Input/Output section      | Input signal              | bal/unbal               |
|                           | Input connectors          | XLR                     |
|                           | Output connectors         | XLR                     |
|                           | Input sensitivity         | +4 dBu                  |
| Processor section         | Crossover Frequencies     | 900 Hz                  |
|                           | Protections               | Thermal, RMS            |
|                           | Limiter                   | Soft Limiter            |
|                           | Controls                  | HF correction           |
| Power section             | Total Power               | 1400 W Peak, 700 W RMS  |
|                           | High frequencies          | 400 W Peak, 200 W RMS   |
|                           | Low frequencies           | 1000 W Peak, 500 W RMS  |
|                           | Cooling                   | Convection              |
|                           | Connections               | Powercon IN/OUT         |
|                           | Safety agency             | CE compliant            |
| Standard compliance       | Safety agency             | CE compliant            |



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|                          |                         |                            |                |                       |  |
|--------------------------|-------------------------|----------------------------|----------------|-----------------------|--|
| Physical specifications  | Cabinet/Case Material   |                            | PP Composite   |                       |  |
|                          | Hardware                |                            | Array fittings |                       |  |
|                          | Handles                 |                            | 2 Back         |                       |  |
|                          | Grille                  |                            | Steel          |                       |  |
|                          | Color                   |                            | Black, White   |                       |  |
|                          | Size / Weight           | Height                     |                | 237 mm / 9.33 inches  |  |
|                          |                         | Width                      |                | 470 mm / 18.5 inches  |  |
|                          |                         | Depth                      |                | 377 mm / 14.84 inches |  |
|                          |                         | Weight                     |                | 11.6 kg / 25.57 lbs   |  |
|                          | Rigging / Mounting      | <b>ACCESSORIES</b>         |                |                       |  |
| <b>AZIMUT BRACKETS</b>   |                         |                            |                |                       |  |
| 13360351                 |                         | AZM-BR 2X                  | Black          | EAN 8024530013516     |  |
| <b>CLAMP BRACKETS</b>    |                         |                            |                |                       |  |
| 13360371                 |                         | CL-BR HDL 6                |                | EAN 8024530014360     |  |
| <b>FLY BARS</b>          |                         |                            |                |                       |  |
| 13360360                 |                         | FL-B HDL 6                 | Black          | EAN 8024530014209     |  |
| <b>FLY BARS PICKUP</b>   |                         |                            |                |                       |  |
| 13360372                 |                         | FL-B PK HDL 6              | Black          | EAN 8024530014353     |  |
| 13360696                 |                         | FLB60696                   | Black          | EAN 8024530023027     |  |
| <b>LINK BARS</b>         |                         |                            |                |                       |  |
| 13360375                 |                         | FL-B LINK HDL 6-12 2X      | Black          | EAN 8024530014414     |  |
| <b>POLE MOUNT KITS</b>   |                         |                            |                |                       |  |
| 13360377                 |                         | PM-KIT 3X HDL 6            | Black          | EAN 8024530014629     |  |
| <b>QUICK LOCK PINS</b>   |                         |                            |                |                       |  |
| 13360626                 |                         | QL-PIN 008                 | Black          | EAN 8024530020897     |  |
| 13360634                 |                         | QL-PIN 011                 | Black          | EAN 8024530022433     |  |
| <b>STACKING KITS</b>     |                         |                            |                |                       |  |
| 13360728                 |                         | STK60728                   | Black          |                       |  |
| <b>SUSPENSION CHAINS</b> |                         |                            |                |                       |  |
| 13360129                 |                         | HOIST SPACING CHAIN CH 001 | Black          | EAN 8024530020774     |  |
| Protections              |                         | <b>RAIN PROTECTIONS</b>    |                |                       |  |
|                          | 13360689                | RPR60689                   | Black          | EAN 8024530022914     |  |
| Transportation           | <b>KART WITH WHEELS</b> |                            |                |                       |  |
|                          | 13360366                | KRT-WH 6X HDL 6            | Black          | EAN 8024530014421     |  |
| Cables                   | <b>CABLES KIT</b>       |                            |                |                       |  |
|                          | 13360102                | AC XLR 3M3F                |                | EAN 8024530006402     |  |
|                          | 12399023                | CBL LK 25 MULTIPIN 10M     | Black          | EAN 8024530013837     |  |
|                          | 12399022                | CBL LK 25 MULTIPIN 20M     | Black          | EAN 8024530013820     |  |
|                          | 12399024                | CBL LKS 19 ARRAY FANOUT    | Black          | EAN 8024530013905     |  |
|                          | 12399026                | CBL LKS 19 BREAKOUT        | Black          | EAN 8024530013929     |  |
|                          | 12399027                | CBL LKS 19 POWER 10M       | Black          | EAN 8024530013936     |  |



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|        |          |                         |       |                   |
|--------|----------|-------------------------|-------|-------------------|
| Cables | 13360146 | CBL LKS 19 POWER 20M    |       | EAN 8024530013943 |
|        | 12399025 | CBL LKS 19 SUB FANOUT   | Black | EAN 8024530013912 |
|        | 12399021 | CBL LKS 25-2 FANOUT     | Black | EAN 8024530013813 |
|        | 13360145 | CBL POWER BOX 6X        | Black | EAN 8024530015534 |
|        | 12399031 | CBL POWERCON LINK 0.7M  | Black | EAN 8024530013738 |
|        | 12399030 | CBL POWERCON LINK 1.5M  | Black | EAN 8024530013721 |
|        | 12399028 | CBL POWERCON LINK 10M   | Black | EAN 8024530013707 |
|        | 12399029 | CBL POWERCON LINK 5M    | Black | EAN 8024530013714 |
|        | 13360138 | POWER CABLE X6 TTL 55-A |       |                   |