

HDL 18-AS

ACTIVE FLYABLE HIGH POWER SUBWOOFER

2000 W Peak / 1000 W RMS

1 × 18 in woofer / 4 in VC

Flyable HDL 20-A integration



Compact high-output bass extension for flown arrays and scalable professional systems.



POSITIONING

High-power flyable subwoofer for compact touring arrays

HDL 18-AS is designed to integrate with HDL 20-A flown arrays and deliver controlled low-frequency extension in touring, rental, theatre, worship, club and corporate reinforcement systems.

Core value

- Active bass reinforcement with integrated DSP and amplifier module
- Tour-grade rigging mechanics for flown or stacked HDL system builds
- Compact enclosure with high output and practical transport weight

Application fit

- Flown line array bass extension
- Ground-stacked sub + HDL 20-A deployment
- Medium-to-large venue low-frequency support

30–140 Hz
Frequency response

135 dB
Max SPL @ 1 m

2000 W
Peak power

1000 W
RMS power

1 × 18"
Woofer / 4" VC

53 kg
Net weight

Performance architecture

- DSP-controlled input section with selectable presets
- Soft limiter and thermal / RMS protection
- Powercon IN/OUT power connection workflow



Active system: external power amplifier is not required.



ACOUSTIC STRUCTURE

Bass-reflex active subwoofer architecture with one high-power 18-inch woofer and a 4-inch voice coil, engineered for high output and compact flown-array integration.

Enclosure & finish

- Baltic birch plywood cabinet
- Black finish with tour-grade surface protection
- Steel protective grille and side handles

Hardware integration

- Integrated rigging flyware
- M20 insert for pole-mounted tops
- Compatible with HDL 20-A mechanics

Low-frequency module designed for modular HDL system deployment.



Product Model	HDL 18-AS
Type	ACTIVE FLYABLE HIGH POWER SUBWOOFER
Drivers	1 × 18" woofer, 4.0" voice coil
Frequency Response	30 Hz – 140 Hz
Rated Power	1000 W RMS
Peak Power	2000 W Peak
Sensitivity	Not specified in official materials
Maximum SPL	135 dB @ 1 m
Nominal Impedance	Not specified in official materials
Coverage / Dispersion	Not specified in official materials
Input Signal	Balanced / unbalanced
Input Sensitivity	-2 dBu / +4 dBu
Input Connectors	XLR
Output Connectors	XLR

Hi-Pass Frequencies	30 Hz, 45 Hz
Low-Pass Frequencies	90 Hz, 140 Hz
Protection	Thermal, RMS
Limiter	Soft limiter
Controls	Volume, EQ shape, Xover
Cooling	Convection / forced
Power Connections	Powercon IN / OUT
Enclosure	Baltic birch plywood
Finish	Black / heavy-duty polyurea protection
Protective Grille	Steel
Dimensions	700 × 512 × 620 mm (W × H × D)
Weight	53 kg / 116.84 lbs
Supplied Fittings	Rigging flyware, M20 insert, 2 side handles
Recommended Amplifier	Integrated amplifier; external amplifier not required



All values are organized from official English datasheet and product materials. Unknown values are marked as "Not specified in official materials."



Official rigging path

- FL-B HDL 20-18 suspending bar for HDL 20-A / HDL 18-AS workflows
- Integrated flyware and pins for repeatable setup
- Use only with qualified rigging personnel and official system limits

Supported deployment logic: flown bass extension, ground stack, pole-mounted top support.



Accessory-assisted setup

- M20 insert supports pole-mounted top configurations
- Quick lock pins and link bars support mechanical assembly
- Wheels and transport accessories support rental workflows



Flown array bass extension

- Designed to integrate below / within HDL 20-A flown arrays
- Compact low-frequency extension without ground-stage footprint
- Appropriate for venues where trim height and sightline control matter

Ground-stacked system

- Subwoofer base with HDL 20-A modules above using compatible rigging accessories
- Fast deployment for rental, houses of worship and corporate audio
- Practical when overhead suspension is unavailable

Pole-mount support

- M20 insert enables top-speaker pole support where system scale is smaller
- Useful for distributed low-frequency reinforcement
- Keeps signal and power connection workflow simple



HDL 20-A modules

TOP

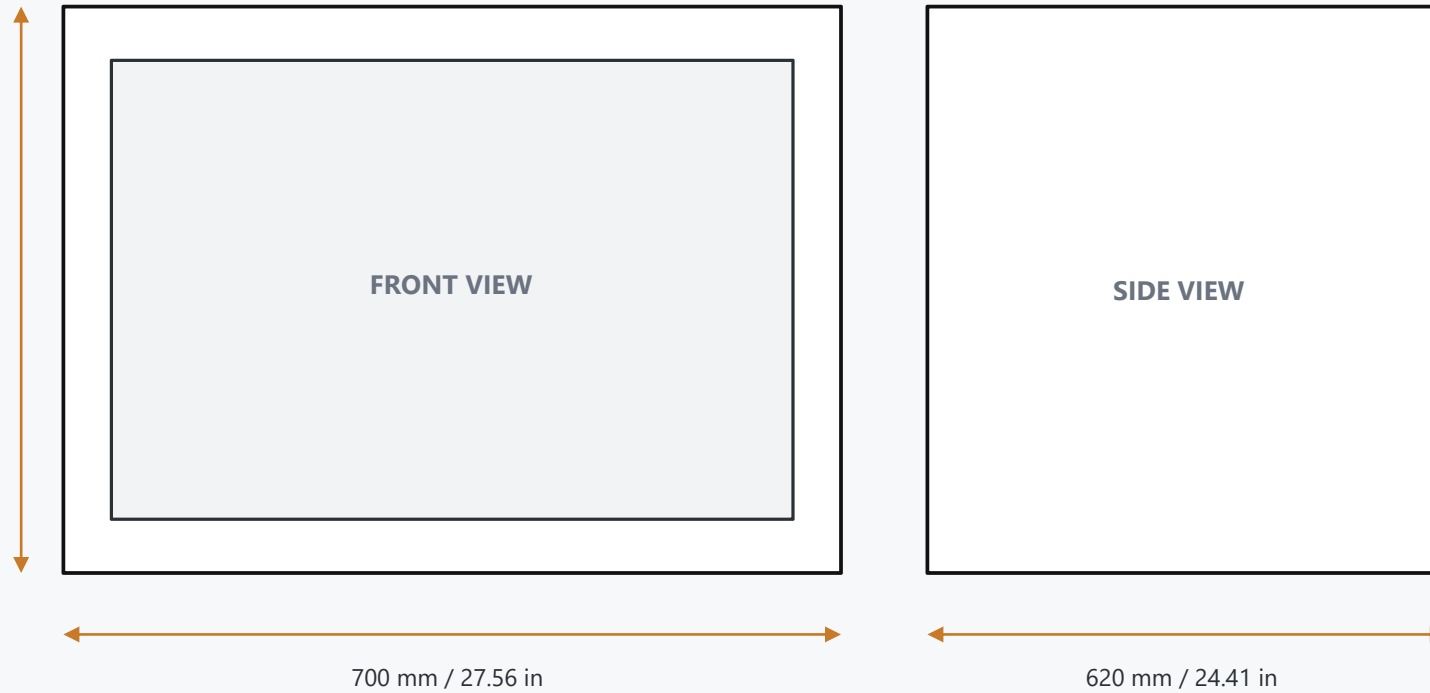
TOP

TOP

HDL 18-AS

Deployment drawings are schematic and not a substitute for official rigging calculation.

OFFICIAL DIMENSIONS



Technical view redrawn as editable PPT
linework using official dimensions.

W × H × D: 700 × 512 × 620 mm

Weight: 53 kg / 116.84 lbs



Signal interface

- Balanced / unbalanced input signal
- XLR input and XLR output connectors
- Selectable input sensitivity: -2 dBu / +4 dBu

DSP & control

- Volume, EQ shape and crossover controls
- Hi-pass 30 Hz / 45 Hz; low-pass 90 Hz / 140 Hz
- Thermal / RMS protection and soft limiter

Power & hardware

- Powercon IN / OUT for power linking workflow
- Convection / forced cooling architecture
- Integrated flyware, M20 insert and side handles

Rear-panel and mechanical detail shown from official product-gallery style imagery.



FL-B HDL 20-18

Suspending bar for HDL 20-A / HDL 18-AS rigging workflows.

Compatibility: HDL 18-AS / HDL 20-A system family



PM-KIT M20

Adjustable pole-mount support for M20 subwoofer insert use.

Compatibility: HDL 18-AS / HDL 20-A system family



QL-PIN 008 / 009 / 011

Quick lock pin kits for mechanical assembly and safety workflows.

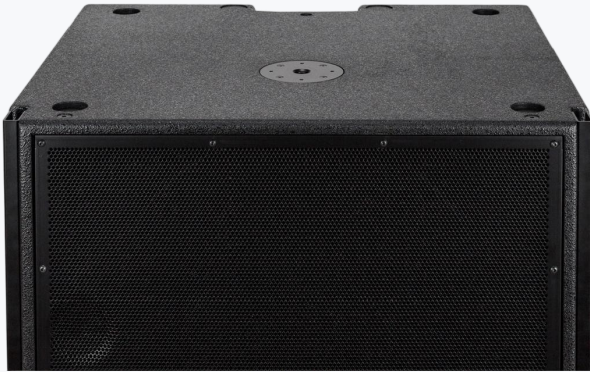
Compatibility: HDL 18-AS / HDL 20-A system family



WH PRO 4X

Caster wheel kit for mobile rental and transport handling.

Compatibility: HDL 18-AS / HDL 20-A system family



Touring / Rental

- High-output flyable bass extension for repeatable show deployments.
- Suitable application description only; not presented as an actual installation case.

Theatre / Worship

- Controlled low-frequency reinforcement with compact array footprint.
- Suitable application description only; not presented as an actual installation case.

Clubs / Live Music

- High SPL bass response for demanding amplified programs.
- Suitable application description only; not presented as an actual installation case.

Corporate / Event AV

- Scalable active subwoofer platform with clean signal and power workflow.
- Suitable application description only; not presented as an actual installation case.

Recommended system planning should always follow venue conditions, array design and qualified rigging review.



HDL 18-AS

Active flyable high power subwoofer with integrated DSP, amplifier module and HDL system rigging compatibility.

30–140 Hz
Frequency response

135 dB
Max SPL

2000 W
Peak power

53 kg
Weight

Contact area

LA SOUNDX® Professional
Audio System
Sales / Project / Technical
Consultation

