

HDL 15-AS

ACTIVE SUBWOOFER



MAIN APPLICATIONS

- Seamless integration with HDL10-A loudspeakers
- Live Sound
- Rental
- Portable PA, clubs, ballrooms, live theatre, houses of worship, theme parks
- Music playback and sound reinforcement in small and mid-size venues
- Corporate A/V professionals and sound system hire companies

MAIN FEATURES

- 2000 Watt Peak power - 1000 Watt RMS
- 133 dB max SPL
- 40 Hz - 140 Hz frequency response
- 1 x 15" Woofer, 3.5" v.c.
- DSP controlled Input section with selectable presets
- Tour grade safe and solid variable mechanics, compatible with HDL 10-A
- Designed to compliment the HDL 10-A speaker system
- Baltic birch tour grade cabinet

DESCRIPTION

The HDL15-AS is a compact, flyable high power subwoofer, designed to integrate seamlessly into a HDL 10-A flown array. The bass reflex design guarantees a deep, linear power response while the 3.5" voice coil vented design woofer offers the minimum of power compression. The HDL15-AS's transducer feature RCF Precision "Inside/ Outside" voice coils in order to assure long term reliability and vastly reduced power compression. The HDL15-AS features a 15" inch woofer that, with a 3.5" inside-outside voice coil and a powerful magnetic structure, guarantees a fast and accurate sub-bass frequency range, taking advantage of RCF's superior moulding, assembly technologies and a wealth of professional knowledge and experience dedicated to achieving extremely high standards. The system is powered from a 1000 Watt Digital Amplifier, Class-D technology, that packs huge performance operating with high efficiency into a lightweight solution. The amplifier panel is integrated to the rear central flyware. HDL15-AS amplifiers presents SMPS power supply section in order to produce maximum output and minimum transportation weight. D Line amplifiers deliver ultra fast attack, realistic transient response and impressive audio performance. The amplifier features a solid mechanical aluminium structure which not only stabilize the amplifier during transportation but also assist in the heat dissipation. The integrated DSP manages equalisation, soft limiter, compressor and user adjustable settings as High pass, Low pass and phase revers. An easy to reach volume knob on the back allows to set the overall volume of the speaker according to its application. 3 status LEDs – Power / Signal / Status are provided for monitoring the system. The HDL15-AS features strong Baltic birch construction, high quality mechanics and superior acoustic design delivering a powerful and punchy deep bass for any application. The system provides integrated mechanics compatible with the HDL 10-A array module. The HDL15-AS is equipped with two side aluminium handle with rubber handgrip for greater portability.

ACOUSTICAL SPECIFICATIONS

Frequency response:	40 Hz - 140 Hz
Max SPL:	133 dB
Horizontal coverage angle:	-
Vertical coverage angle:	-
Compression driver:	-
Midrange:	-
Woofer:	15", 3.5" voice coil

INPUT SECTION

Input signal (Impedance):	XLR
Input/Output connector:	XLR
Input sensitivity:	-2 dBu / +4 dBu

PROCESSOR SECTION

Crossover frequencies:	-
Protections:	Themel - RMS
Sensitivity control:	yes
Limiter:	soft limiter
High pass:	yes
Controls:	volume, EQ shape, xover

AMPLIFIER

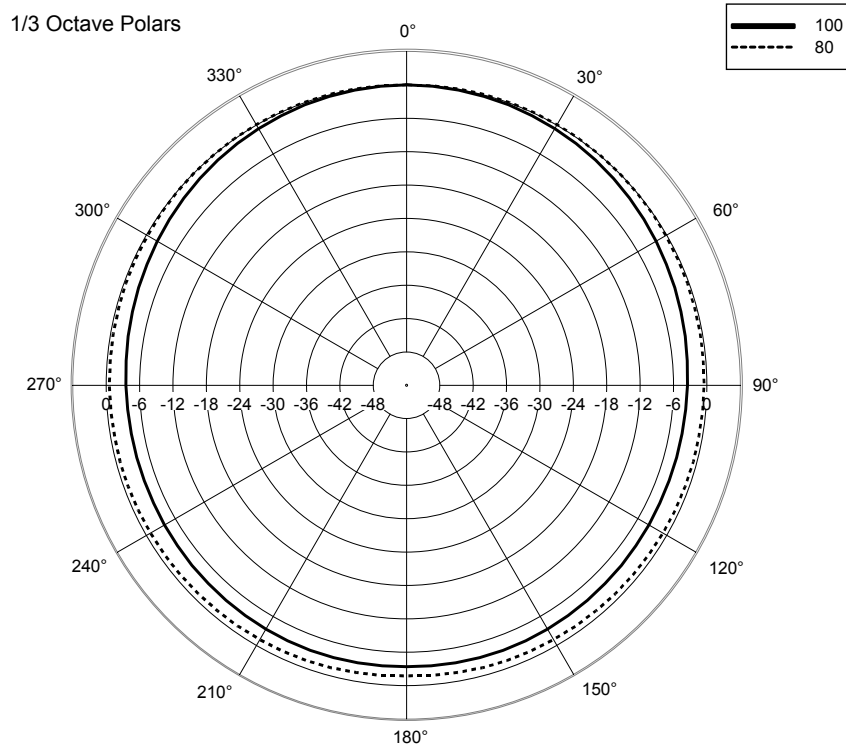
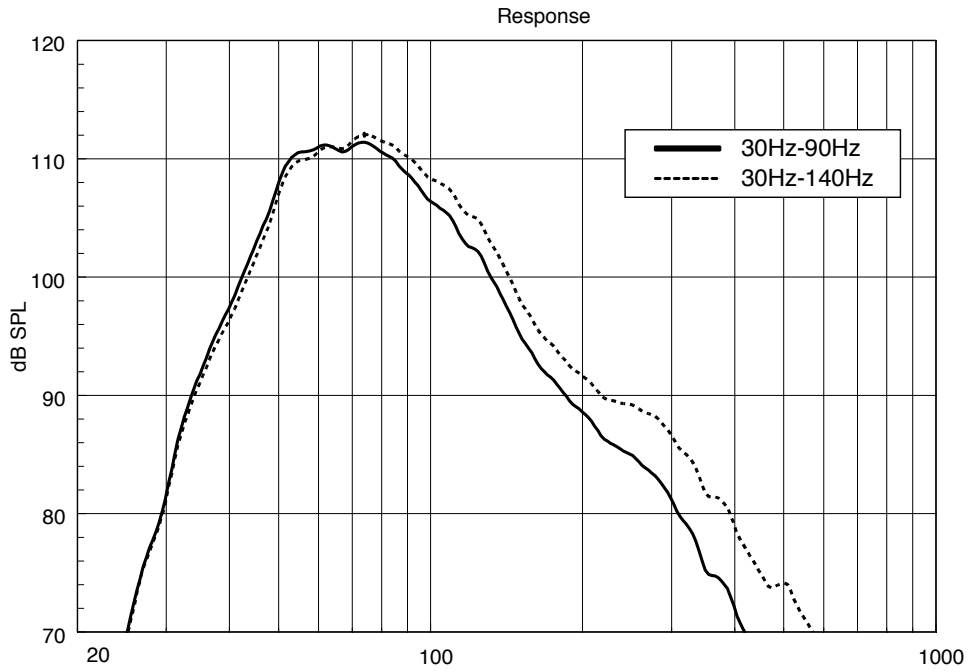
Power supply:	1000 Watt
High frequencies:	-
Mid frequencies:	-
Low frequencies:	switching / 1000 Watt
Cooling:	convection/forced
Connection:	VDE connector IN

PHYSICAL

Height:	458 mm (18.03")
Width:	555 mm (21.85")
Depth:	569 mm (22.4")
Weight:	39 kg (85.98 lbs)
Cabinet:	baltic birch
Hardware:	Rigging flyware
Handles:	2 side
Pole mount cap	yes
Colour:	Black



HDL 15-AS



HDL 15-AS

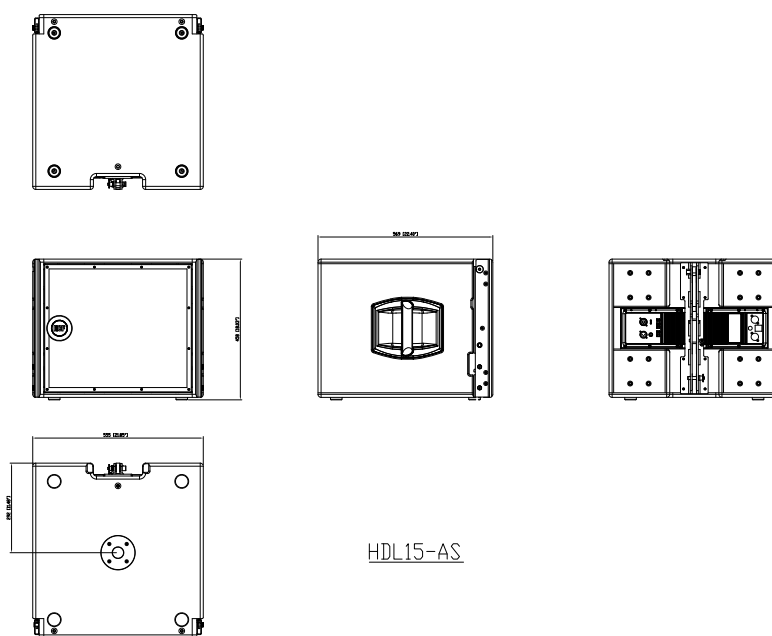
1.0-F-J

PART NUMBERS

13040020 - 230V

13040021 - 115V

DIMENSIONS (All data are in mm)



ACCESSORIES

FLY BAR HDL 10	Suspending bar for HDL10-A line array system. Stack bar included.
LINK BAR HDL10-HDL15	Link bar for HDL 10-A and HDL 15-AS
AC PRO WHEELS	Kit no 4 swivel castor, 100mm / 4" Ø wheel with roller bearings.
AC CONNECTION SUB 8006-AS	Accessory to lock FLY BAR HDL 10 to the SUB 8004-AS.
FLY BAR PICKUP HDL20	To be added to the fly bar accessory in case the pick up is made with 2 motors.
AC PMA	Speaker pole mount.
AC PRO-LF	Steel professional adapter sleeve for loudspeaker stands. Integrated expanding mandrel system which provides a tight and firm fit for the speaker. The moveable plastic splints separate the speaker from the stand creating a vibration-free connection.
AC PRO-PM	Steel pole mount accessory for a satellite loudspeaker on a subwoofer. Both ends of the pole mount are fitted with an expanding mandrel system for a tight and vibration-free fit for the base and satellite speakers.
AC PMX	Speaker pole mount with pushbutton system and hand crank to avoid uncontrolled reverse motion. Locking screw provides additional safety.