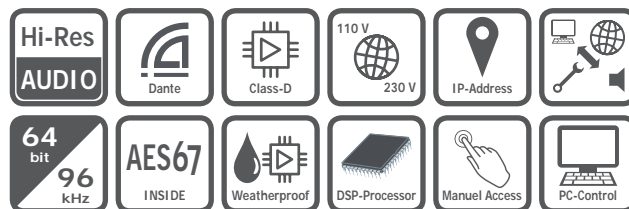


## self powered DDA:



The Modular-15 is a 2-way bi-amping speakers with 15"/1,4" Neodym. The Modular series is extremely flexible and is innovative with its combination of array point source systems and multifunctional usable individual speakers. As well as its use as a single full-range speaker, with high performance head with bass support and high-performance monitor on stage, the Modular series also designed to be used with multiple units next to each other, in a horizontal array design.

Any interference and associated sound interruptions between the sound sources are reduced to a minimum by using special housing geometry, suitable for the narrower beam angle of the rotatable horn. Each horn works only in its defined sound directivity.

"Easyfly", (also registered with the Patent Office), is a new 'one-click' mechanism which allows tool-free hanging and precise alignment in a few seconds. The mechanism is more elegant and smaller than a conventional rigging brace. The Modular series is equipped with inconspicuous mounting rails on two sides of the housing. This means the speaker can be hung or flown upright or horizontally, using the 'Easyfly' mechanism. At the back is a third mounting rail for the compulsory safety cable.

For accurate alignment on a stand or mounting pole, the Modular series has an internal, tilting pole socket enabling and an adjustment of +/- 18° tilt.

The Modular-15 uses a 15" chassis of the latest generation and has been specifically designed for a clean, detailed midrange with a high, undistorted sound pressure. A particularly low moving mass (mms 100g) in conjunction with the extremely powerful neodymium driver (B/L factor 26), ensures the combination of the good transmission qualities of a 12-inch model with the large membrane surface and associated sound pressure of a 15". The chassis can be driven hard, and heat dissipates optimally keeping the power compression low. This is enabled by the large 4" voice coil and elaborate ventilation openings in the magnet system. The aluminum demodulation rings in the magnet system ensure low distortion.

The Modular-15 can be subsequently converted in our factory to the self-powered version with 2-channel 3,2 kW amplifier module and DSP board.



<b>Frequency range 60°</b>	60 Hz - 17,6 kHz (- 10 dB) 130 Hz - 17 kHz (+/- 3 dB)
<b>Frequency range 90°</b>	58 Hz - 17,8 kHz (- 10 dB) 122 Hz - 16.5 kHz (+/- 3 dB)
<b>Coverage range</b>	90° x 60° or 60° x 40° exchanging, arrayable and rotatable horn
<b>Power handling</b>	LF: 850 W AES / 1.700 W program / 3.400 W peak HF: 110 W AES / 220 W program / 440 W peak
<b>Sound pressure</b>	129 dB SPL / 132 dB SPL / 135 dB SPL
<b>Components</b>	1 x 15" Neodym woofer with 4" voice coil, 8 Ω 1 x 1,4" Neodym compression driver with 3" voice coil, 16 Ω
<b>Connectors</b>	2 x Neutrik NL4 Speakon IN/OUT, 2+/- LF 2 x Neutrik XLR IN/OUT (self-powered) 2 x Neutrik NL4 Speakon OUT, 1+/- HF, 2+/- LF (self-powered) 2 x Neutrik powerCON TRUE1 IN/OUT (self-powered) 1 x Dante, Digital AES/EBU, AES67 (self-powered)
<b>Mounting</b>	Easyfly mechanism for vertical and horizontal mounting 1 x back-facing Flying Track for safety cable 12 x M10 rigging points with 5 mm steel interior angles 1 x tilting pole socket +/- 18°, tilt for a stand or mounting pole
<b>Dimensions/Weight</b>	698 (h) x 431 (w) x 368 mm (d) / 27,9 kg (self-powered: 32,9 kg)
<b>Amplifier</b>	2-channel 3,2 kW
<b>Power output CH1 LF</b>	2.400 W/4 Ω, 1.580 W/8 Ω, 800 W/16 Ω
<b>Power output CH2 HF</b>	800 W/4 Ω, 450 W/8 Ω, 200 W/16 Ω