

HI ENERGY

## HGX 165

200 watt

### Technical Specifications

Component	2W Coaxial	
Size	mm	Woofers 165mm (6 <sup>5/8</sup> ) Tweeter 20mm (3/4")
Power Handling (Watt)	peak continuous program	200 100
Impedance	Ohm	4
Frequency response	Hz	50-22k
Sensitivity	dB/SPL	92
Outer diameter	mm	166
Mounting hole diameter	mm	141
Magnet size	mm	90
Total depth	mm	72
Mounting depth	mm	67
Weight of one component	kg	1,155
Voice coil diameter	mm	30



HERTZ

1. Soft iron plates for high heat dissipation; they are part of a motor designed to insure symmetrical magnetic flux.
2. Over-sized magnet; it provides necessary energy for mobile voice coil control.
3. Very thick copper voice coil, wound on kapton former, for very good thermal and mechanical capacity.
4. Polypropylene cone with mica injection.
5. DIN size basket protected from abrasion and corrosion.
6. Gold-plated, high current terminals.
7. Lead wires plastic support with silicone; it can stand hard mechanical stress.
8. High density, double wave rubber surround; it insures mobile voice coil long, linear excursion.
9. Basket and motor are coupled and damped through special epoxy glue.
10. Wide-wave, resin-bonded fibre spider insures mechanical reliability and lasting, constant parameters.
11. Tweeter is connected inside the voice coil in order to prevent cone unbalancing.
12. Tetolon® dome neodymium tweeter with 20mm voice coil.

### Electro-Acoustic Parameters

D	mm	128
Xmax	mm	3
Re	ohm	2,9
Fs	Hz	75
Le	mH@1kHz	0,57
Le	mH@10kHz	0,06
Vas	lit	9,20
Mms	gr	10,5
Cms	mm/N	0,40
BL	T-m	4,90
Qts		0,59
Qes		0,62
Qms		11,00
Spl (1m/2,83V)	dB	92

