

Pulsar 20



T+A

ST 20

Floor standing speaker



The Pulsar ST 20 is an extremely slim, compact floor standing loudspeaker which combines outstanding acoustic qualities with sleek appearance. It is a new design which we have developed from the ground up, and which features the very latest high-performance drivers, as this was the only way our development engineers were able to fulfil the design brief for this new range of speakers. Although their cabinets are small in size, we required the new Pulsars to have the ability to radiate low bass cleanly and at high pressure, at the same time reproducing an open, uncoloured treble / mid-range with great vitality. These are the reasons behind our decision to adopt a complex three-way system, based on two long-throw bass units, a wide band mid-range and a High-End dome tweeter. All speaker cones are produced from aluminium of various thicknesses using specially calculated embossing tools, ensuring that they are very stiff and strong, but still light in weight. The drive unit magnets are extremely powerful, while the magnet and suspension systems are of highly sophisticated design, and made from the finest materials available. As a result these High-End drivers are capable of generating tremendous levels as well as being amazingly dynamic and fast. A precisely calculated cross-over unit consisting of low-loss components guarantees that all the drivers are fed the perfect signal in the optimum working range for excellent radiation characteristics. The crossovers have separate grounds for bass and mid-high range, making the speakers ideal for bi-wiring arrangements.



High-quality bi-wiring and bi-amping terminals. Speakers are supplied as standard with spikes for effective isolation, including floor pads to protect sensitive surfaces.



The curved shape of the cabinet has two purposes: it looks superb, and also provides outstanding strength and rigidity.







R 20

Bookshelf speaker

The Pulsar R 20 is a compact bookshelf speaker, incorporating technology derived from the ST 20 floor stander. The refined cabinet is beautifully built, with the same curved shape and rigid design. All surfaces are rubbed down in a multi-stage process before the high-gloss lacquer is applied. The finish is of superb quality!



The High-Tech treble unit with its special 25 mm dome is a completely new development, and is the same driver employed in the ST 20. The 150 mm long-throw bass unit, on the other hand, is a modified version, because the R 20 is a classic two-way design, and this driver therefore also has to reproduce the mid-range. In spite of the R 20's relatively small cabinet, its bass is tremendously impressive, and the speaker offers a lively, very natural sonic image. The R 20 sounds much "bigger" than it actually is! An important design feature of the new Pulsar speakers is the totally smooth baffle, devoid of corners or edges: there is no hint of a screw or recess which could disturb the sound dispersion or generate reflections. The driver chassis are covered by accurately shaped pressure-cast aluminium rings which lie perfectly flush with the baffle. This impressive sophistication enables the sound to disperse perfectly, and the sonic image is completely detached from the loudspeaker. The result is incredibly precise and spacious reproduction with totally accurate source positioning.



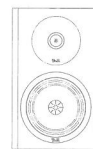
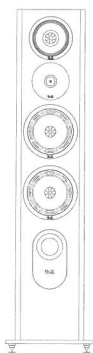
The new bass units have complex baskets made of pressure-cast aluminium and extremely powerful magnets, while the latest type of suspension system is capable of tremendous excursion.



The bass reflex port is located on the rear of the speaker, and can be damped if necessary. The bottom of the cabinet features recessed threaded sockets to take spikes or glides.



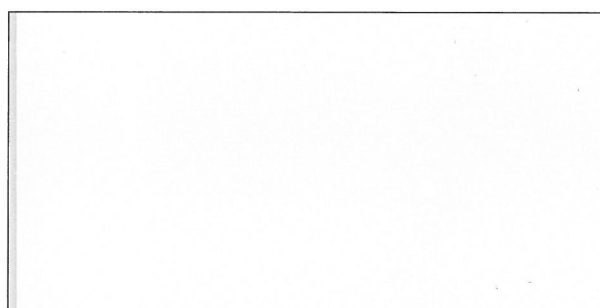
Technology



	ST 20	R 20
Prinzip	Floor standing speaker, 3-way, bass reflex	Bookshelf speaker, 2-way, bass reflex
Nominal power rating	130 Watts	80 Watts
Music power rating	180 Watts	120 Watts
Impedance	4 Ohms	4 Ohms
Frequency range	32 - 30000 Hz	40 - 30000 Hz
Sensitivity	87 dB	85 dB
Drive units bass	2 x 150 mm / 2 x 5.9 inch	1 x 150 mm / 1 x 5.9 inch
Drive units midrange	1 x 120 mm / 1 x 4.7 inch	
Drive units highrange	1 x 25 mm / 1 x 1 inch	1 x 25 mm / 1 x 1 inch
Crossover frequencies	300 / 2200 Hz	2200 Hz
Dimensions H x W x D (Incl. terminal)	92 x 19 x 32 cm, without base	30 x 19 x 30 cm
Dimensions H x W x D inch (Incl. terminal)	36.3 x 7.5 x 12.6 inch, without base	11.8 x 7.5 x 11.8 inch
Weight	17 kg / 38 lb	7 kg / 15.5 lb



High gloss black 23



High gloss white 24

Technical modifications reserved

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