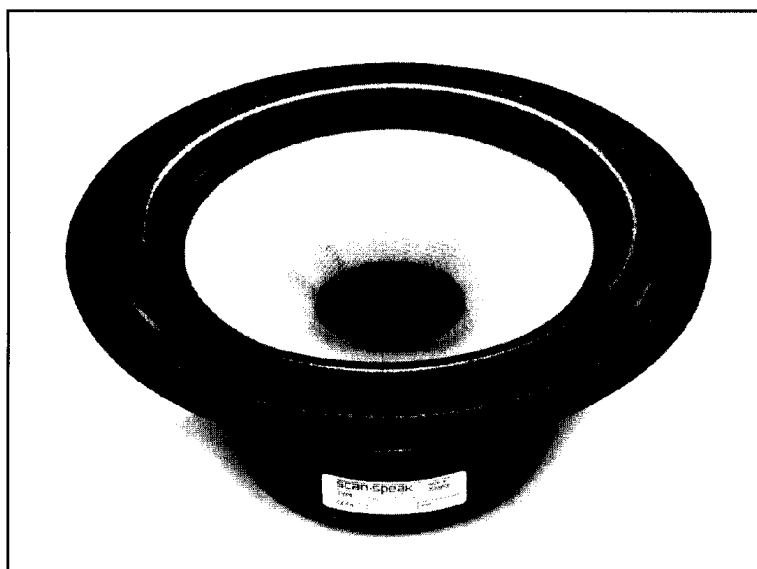


All your senses  
are related



### Description

21W/8554-00 is an 8" woofer featuring our Kevlar cone which is manufactured at our own production facilities. The cone is coated in order to obtain the right damping to stiffness ratio. This drive unit offers very good transient capacity and audible headroom. It uses our Symmetric Drive magnet system and has a strong die-cast magnesium/aluminium basket which provides proper ventilation under the spider.

### Technical data:

Characteristic sensitivity (2.83V / 1m)	: 90 dB
Recommended frequency range	: 23 - 4000 Hz
Free air resonance frequency, $f_s$	: 23 Hz
DC resistance, $R_e$	: 5.5 $\Omega$
Voice coil inductance, $L_e$	: 0.2 mH
Effective piston area, $S_d$	: 220 cm <sup>2</sup>
Moving mass incl. air, $m_d$	: 20.5 g
Mechanical loss, $R_m$	: 1.7 Ns/m
Force factor, BL	: 8.0 Tm
Equivalent volume, $V_{as}$	: 160 ltr.
Mechanical Q-factor, $Q_{ms}$	: 1.7
Electrical Q-factor, $Q_{es}$	: 0.25
Total Q-factor, $Q_{ts}$	: 0.22
Excursion, lin./max.	: $\pm 6.5 / \pm 10$ mm
Voice coil diameter	: 42 mm
Rated power handling	: 110 W
Net weight	: 2.4 kg

