4 inch HIGH POWER WOOFER LOUDSPEAKER

APPLICATION

For high-fidelity bass reproduction in bass reflex enclosures specially for video applications. Recommended volume of enclosure 7 litres. The loudspeaker has a very low distortion, and a very low stray magnetic field.

TECHNICAL DATA	version			
	W4		W8	
Rated impedance	4	TERK!	8	Ω
Voice coil resistance	3,2		7	
Rated frequency range		0 to 100	-	Hz
Resonance frequency		72	00	
Power handling capacity, mounted in 7 I bass reflex enclosure, measured without filter		20		Hz
Maximum power on loudspeaker		30		•
Operating power	7	30	65.	W
Sweep voltage, frequency range: 30 to 6000 Hz	5,5			W
Energy in air gap	3,3	154	7,75	
Flux density		154		mJ
Stray magnetic field according to DIN 45578 par. 2.2.5, distance 70 mm		0,96		Т
Air-gap height		0,35		Т
Voice coil height		5		mm
Core diameter	6		6,6	mm
Magnet material		25		mm
diameter mass leading capa		eramic 60 0,225		mm kg
Mass of loudspeaker		0.68		
The loudeneaker has a name and the		0,00		kg

The loudspeaker has a paper cone and a rubber surround. Two tinned 2,8 mm (0,11 inch) tag connectors permit connection to the woofer by plugging or soldering.

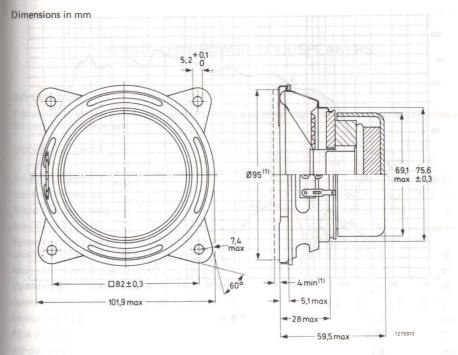


Fig. 1.

(1) Baffle hole and clearance depth required for cone movement at the specified power handling capacity.

One tag is indicated by a red mark for in-phase connection.

AVAILABLE VERSIONS

AD40501/W4, catalogue number 2422 257 34723 AD40501/W8, catalogue number 2422 257 34724 these numbers apply to bulk packed loudspeakers, minimum packing quantity 16 per unit.

FREQUENCY RESPONSE CURVES (See Fig. 2)

Measured in anechoic room at the operating power. Loudspeaker mounted on IEC baffle according to IEC 268-5 par. 4-4.

Curve a: Sound pressure.

Curves d2 and d3: 2nd and 3rd harmonic distortion.

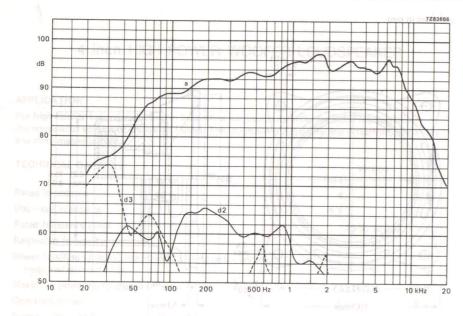


Fig. 2.

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VAILABLE VERSIONS

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