SANWAY AUDIO

https://www.china-sanway.com

10CX76

10"Coaxial linear array

400W continuous program power capacity•

76 mm (3 in) Aluminum voice coil •

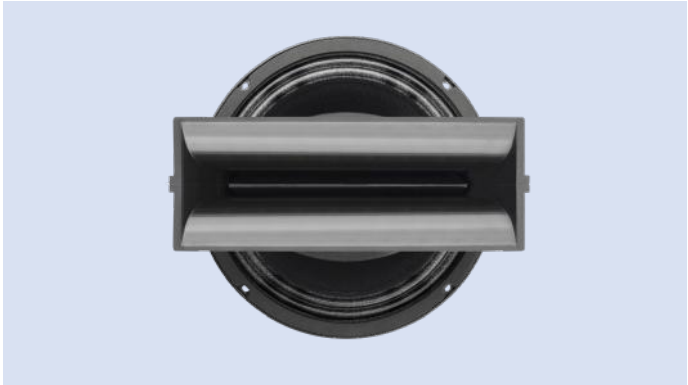
75 -18000 Hz response •

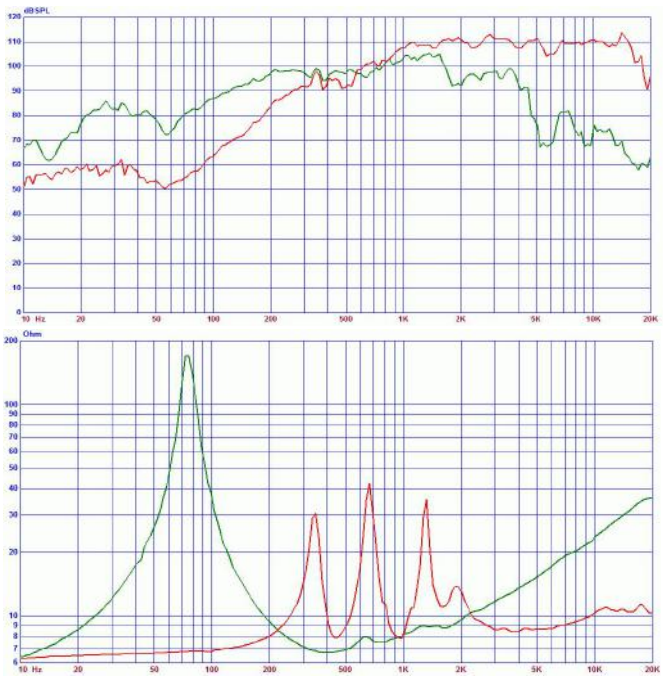
99 dB sensitivity •

33 mm (1.3") HF unit exit diameter •

100°Hx40°V nominal coverage •

Single neodymium magnet very light yet powerfull •







SPECIFICATIONS

General Specifications		
Nominal Diameter	250/10	mm/inch
LF/HF Rated Impedance	8/8	ohm
LF/HF NominalPower handling1	400/100	Watts
LF/HF Program Power[2]	800/200	Watts
LF/HF Sensitivity(1w/1m)3	99/110	dB
Frequency Range[4]	75-18.0k	Hz
LF/HF Voice Coil Diameter	76/75	mm
LF Voice Coil Material	Aluminum	
LF Voice Coil Winding Depth	19	mm
LF Magnet gap depth	10	mm
LF Flux Density	1.35	T
Magnet Material	Neodymium	
Thiele-Small Parameters LF		
Fs	75	Hz
Re	5.3	ohm
Qms	6.75	
Qes	0.26	
Qts	0.25	
Vas	42	Liters
Mms	32	gr
Cms	0.18	mm/N
No	2.97	%
Bl	23.5	Tm
Sd	0.036	m^2
Xmax[5]	5.5	mm
Specifications HF		
Voice Coil Diameter	75	mm
Winding Material	Aluminium	
Diaphragm Material	Polyimide/Titanium	
Recommended Crossover	1.2 kHz	
HF Flux Density	1.9	T
Mounting Information		
Overall Diameter	260	mm
Bolt Circle Diameter	245	mm
Both Hole Diameter	6.5*4	mm
Baffle Cutout Diameter	230	mm
Overall Depth	245	mm
Net weight	6.1	kg
Shipping weight	7.5	kg
Shipping Box	275*275*300	mm

NOTES:

1. AES standard(40~400Hz).
2. Program Power is defined as 3 dB greater than the nominal power handling
3. Sensitivity is measured at 1W input on rated impedance at 1m on axis and averaged between 100Hz and 500Hz.
4. Frequency range is defined as the band of frequencies delineated by the lower and upper limits where the output level drops by 10dB below the rated sensitivity.
5. The maxinum linear excursion is calculated as:(Hvc-Hg)/2+Hg/4 where Hvc is the voice coil depth and Hg is the gap depth.