



<http://wiki.homerecz.com>

- 1
- 1
- 1
- 1
- 5
- 6
- Termination** 7
- Center-terminated 7
- Edge-terminated 7
- Large Diaphragm Small Diaphragm** 8
- 8
- 9
- 10
- 11
- 13
- 13
- 13
- 13

Externaly Polarized Condenser, True Condenser

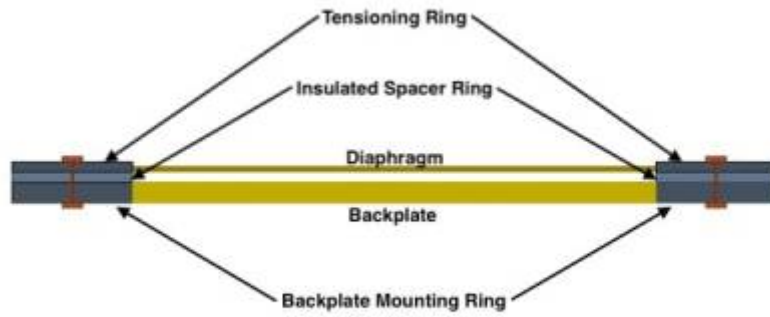


(Gold sputterd) ¹²⁾ (Mylar) ,

$$V=Q \times C$$

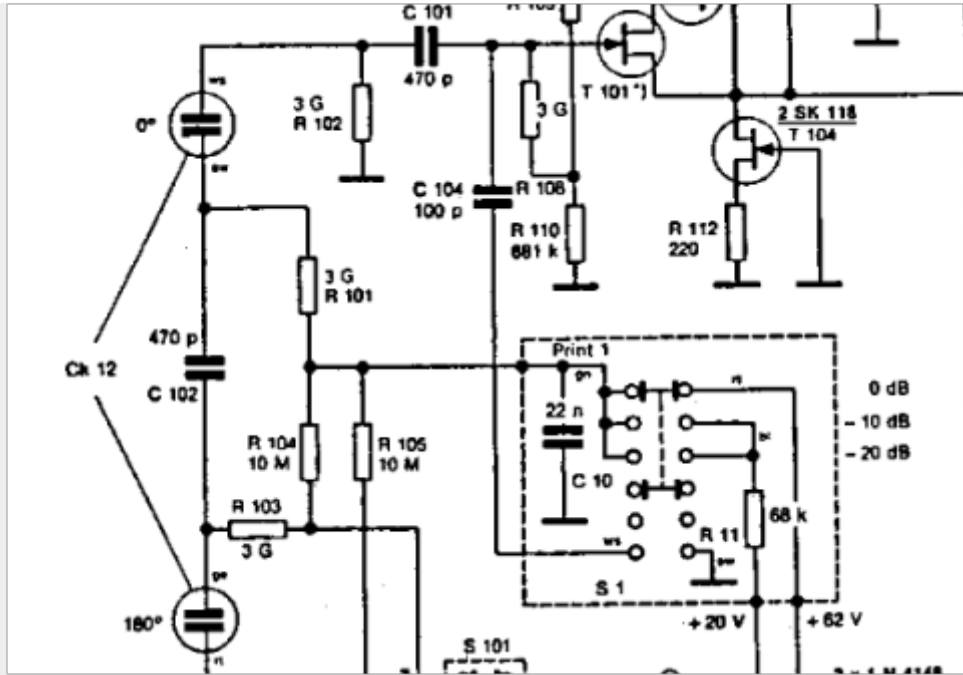
- V:
- Q:
- C: $C = \epsilon_0 \left(\frac{A}{d} \right)$
 - ϵ_0 :
 - A:
 - d:

208 Neumann 가 35 μ m (, 1/1000mm) 0.03 μ m 100



가

48V , 42V~60V 가 60V , PAD



AKG C414

Termination

Center terminated	Edge terminated

Center-terminated

Center-terminated

가 가 .

, 가

terminated

가 ,
가

Center-



Edge-terminated

Edge-terminated

가 가
가 가 .

Center-terminated 가

, 가

. Edge-terminated

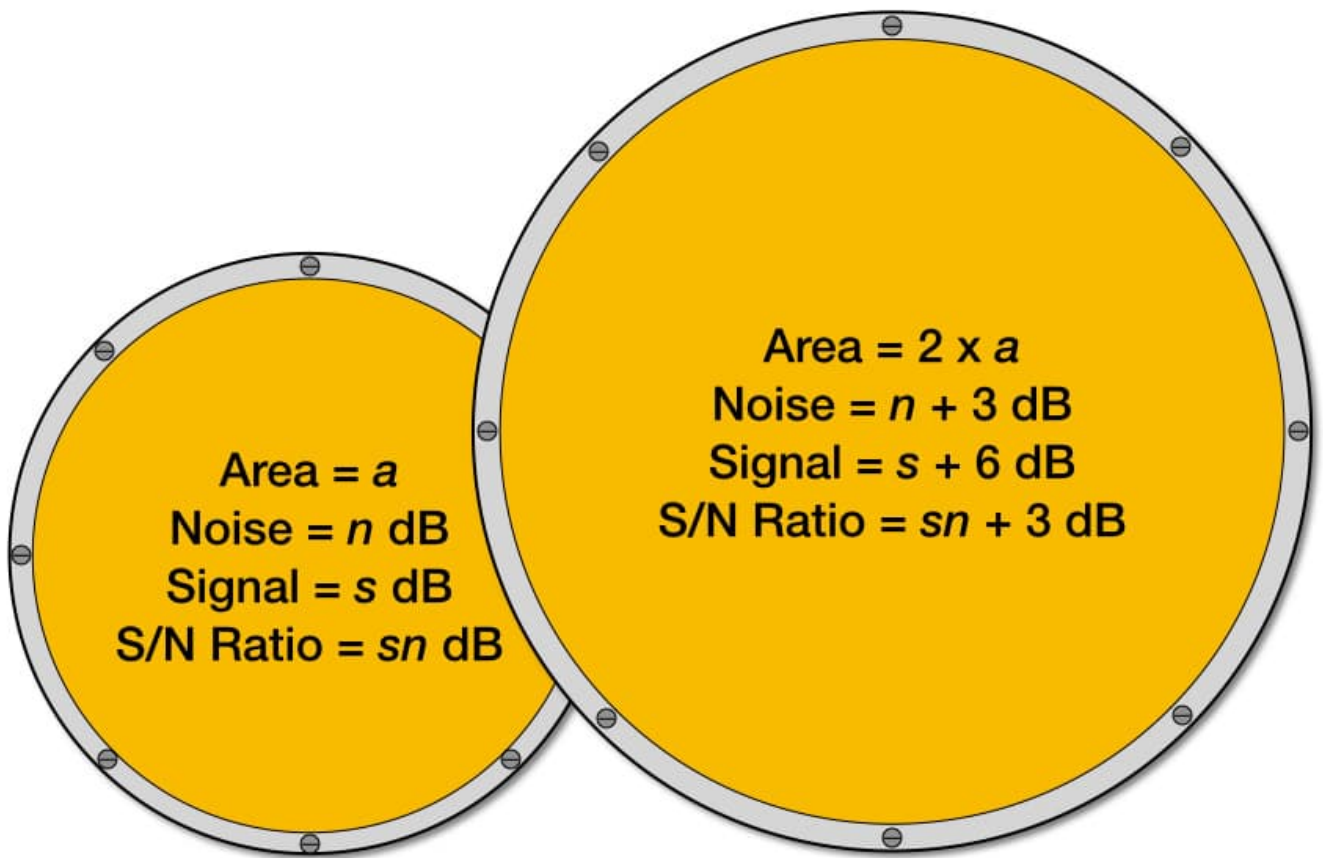
(plosive sounds)

가



Edge-terminated

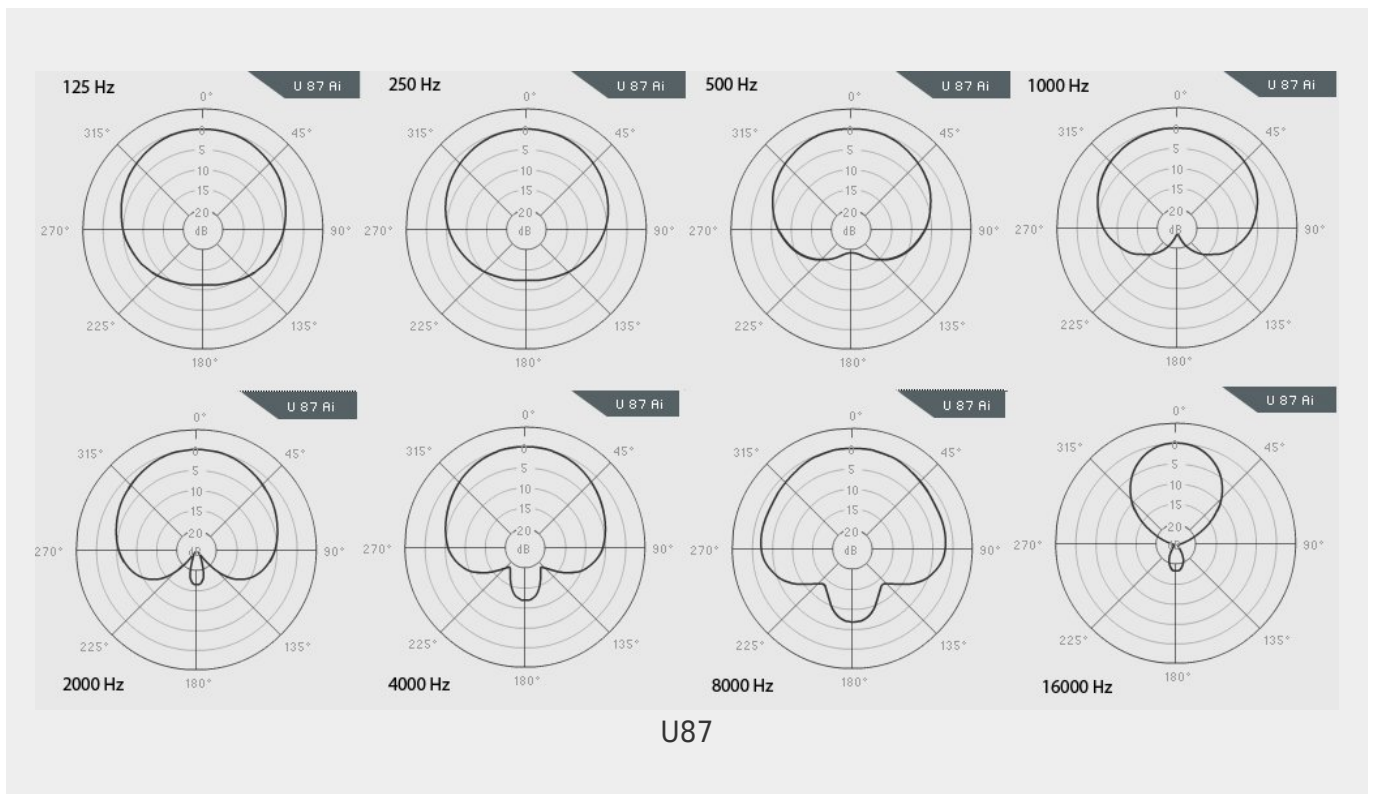
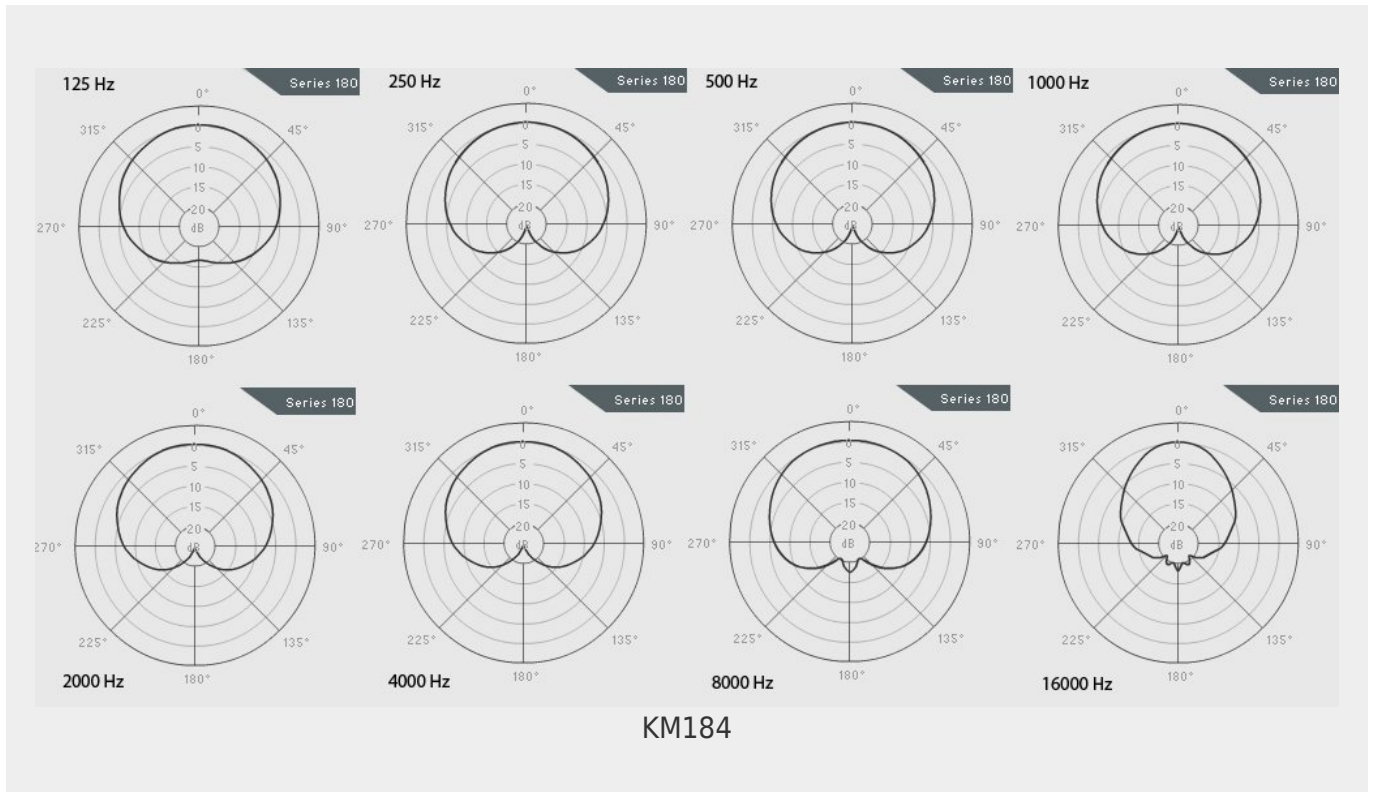
Large Diaphragm Small Diaphragm



<https://www.neumann.com/homestudio/en/difference-between-large-and-small-diaphragm-microphones>

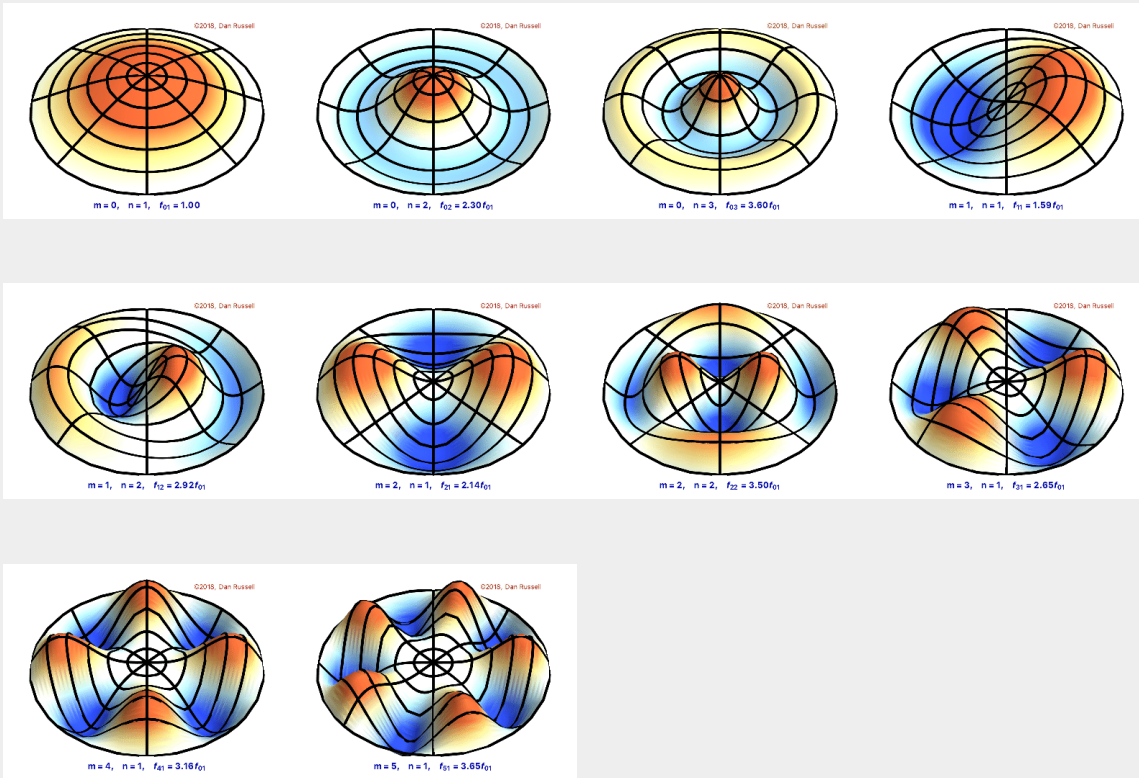
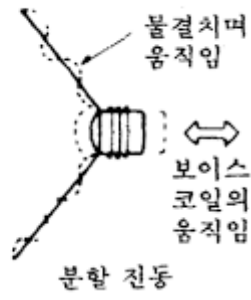
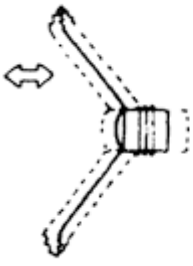
가
가
가

3)



THD()가

피스톤 모션



<https://www.acs.psu.edu/drussell/demos/membranecircle/circle.html>

가
(polarization voltage)

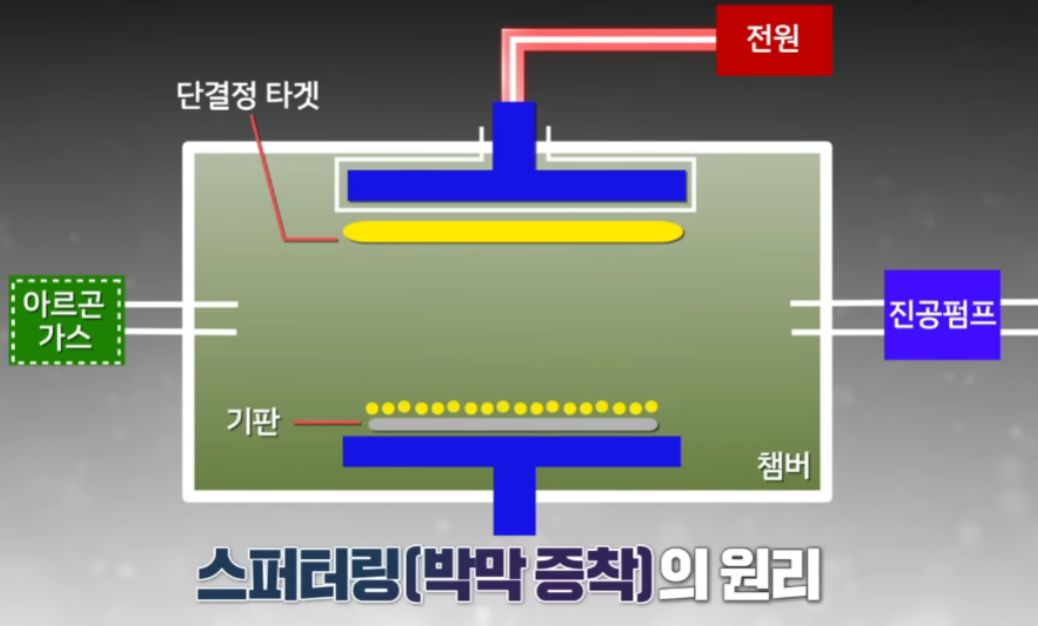
(SNR)

	()			Center-Terminated	Edge-Terminated	
	가	가	가			
	가					
Max SPL	SPL	SPL 가	가 SPL	SPL	SPL	SPL 가
SNR	SNR	SNR		SNR	SNR	SNR

-
- AKG CK12
- Neumann K47
- Neumann K67
- Neumann M7

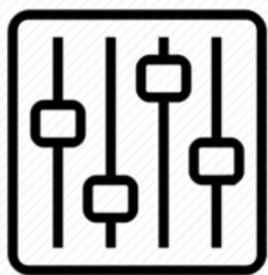
1)

2)



3)

가 .



<http://wiki.homerecz.com>

From:
<https://wiki.homerecz.com/> -

Last update: **2024/08/30**

: (admin@homerecz.com)