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Microphone Max Output level 6

 Neumann u87ai 7

 Rode K2 8

 Samson C03 8

..... 10

..... 10

..... 10

..... 10

• **Microphone level**

- , XLR
-



(-50dBV)

300Ω

가

가

가

가

가

가

가

가

Mogami

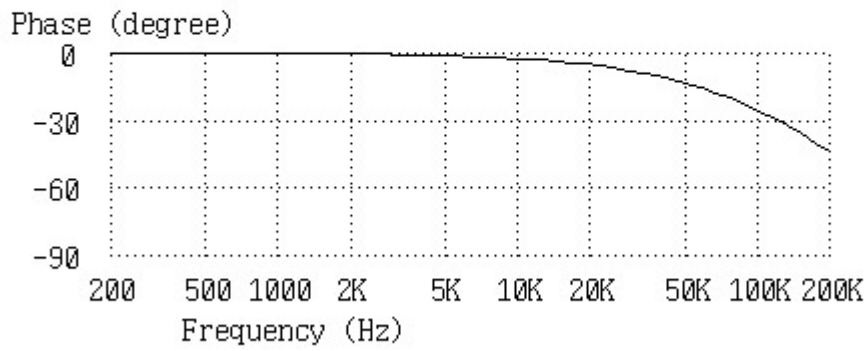
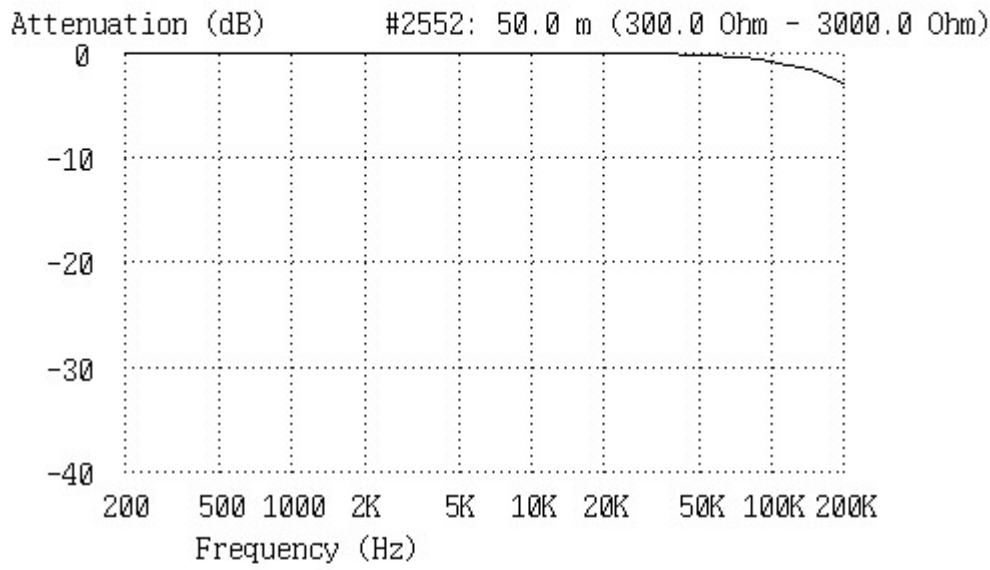
<http://www.mogami.com/e/cad/mic-cable.html>

3000Ω

300Ω

50m

1)



Microphone Max Output level

Sensitivity		Maximum Sound Pressure Level (Max SPL) @ 1 kHz															
mV/PA	dBu	120	122	124	126	128	130	132	134	136	138	140	142	144	146	148	150
2	-52	-26	-24	-22	-20	-18	-16	-14	-12	-10	-8	-6	-4	-2	0	2	4
4	-46	-20	-18	-16	-14	-12	-10	-8	-6	-4	-2	0	2	4	6	8	10
6	-42	-16	-14	-12	-10	-8	-6	-4	-2	0	2	4	6	8	10	12	14
8	-40	-14	-12	-10	-8	-6	-4	-2	0	2	4	6	8	10	12	14	16
10	-38	-12	-10	-8	-6	-4	-2	0	2	4	6	8	10	12	14	16	18
12	-36	-10	-8	-6	-4	-2	0	2	4	6	8	10	12	14	16	18	20
14	-35	-9	-7	-5	-3	-1	1	3	5	7	9	11	13	15	17	19	21
16	-34	-8	-6	-4	-2	0	2	4	6	8	10	12	14	16	18	20	22
18	-33	-7	-5	-3	-1	1	3	5	7	9	11	13	15	17	19	21	23
20	-32	-6	-4	-2	0	2	4	6	8	10	12	14	16	18	20	22	24
22	-31	-5	-3	-1	1	3	5	7	9	11	13	15	17	19	21	23	25
24	-30	-4	-2	0	2	4	6	8	10	12	14	16	18	20	22	24	26
26	-29	-3	-1	1	3	5	7	9	11	13	15	17	19	21	23	25	27
28	-29	-3	-1	1	3	5	7	9	11	13	15	17	19	21	23	25	27
30	-28	-2	0	2	4	6	8	10	12	14	16	18	20	22	24	26	28
32	-28	-2	0	2	4	6	8	10	12	14	16	18	20	22	24	26	28
34	-27	-1	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29
36	-27	-1	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29
38	-26	0	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30
40	-26	0	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30
42	-25	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	31
44	-25	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	31
46	-25	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	31
48	-24	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32
50	-24	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32

Sensitivity

MaxSPL

Neumann u87ai

, Neumann u87ai ,

Pickup Patterns

Omnidirectional (20 mV/PA; 20 - 20,000 Hz)
 Cardioid (28 mV/PA; 20 - 20,000 Hz)
 Bidirectional (22 mV/PA; 20 - 20,000 Hz)

Pads & Filters

Pad: -10dB (Via Switch)
 Filter: HPF (Via Switch)

Capsule Dimensions

Diaphragm diameter: 26mm
 Capsule diameter: 34mm

Impedance

200 Ohms (Low)

SPL/Noise

Max SPL: 127 dB
 Self-noise: 12.0 dB(A)

Weight

500g (17.64oz)

Length

200mm (7.87")

Max Diameter

56mm (2.20")

Interface(s)

3-pin XLR male (1)

Power Specifications

Requires phantom power
 Phantom voltage: 48 ± 4v

28mV/Pa, 127dB SPL
5dBu 가

가

(MaxSPL)

Rode K2

, Rode K2 ,

Pickup Patterns		Capsule Dimensions		Impedance	SPL/Noise	Pads & Filters	
Omnidirectional (16 mV/Pa; 20 Hz - 20,000 Hz) Cardioid (16 mV/Pa; 20 Hz - 20,000 Hz) Bidirectional (16 mV/Pa; 20 Hz - 20,000 Hz)		Diaphragm diameter: 25mm Diaphragm gauge: 5 microns		200 Ohms (Low)	Max SPL: 162 dB Self-noise: 10.0 dB(A)		
Weight	Length	Max Diameter	Interface(s)				
815g (28.75oz)	209mm (8.23")	55mm (2.17")	3-pin XLR male (1)				
Power Specifications							
Includes tube power supply							

16mV/Pa, 162dB SPL
PAD

, 34dBu

가

PAD

C414

14dBu

-20dB

SPL

16mV/Pa

22dBu

150dB SPL

Samson C03

, Samson c03 ,

Pickup Patterns		Capsule Dimensions		Impedance	SPL/Noise	
Omnidirectional (10 mV/Pa; 40 - 18,000 Hz) CHART		Capsule diameter: 19mm		350 Ohms (<i>Low</i>)	Max SPL: 142 dB	
Bidirectional (10 mV/Pa; 40 - 18,000 Hz) CHART		Diaphragm gauge: 3 microns			Self-noise: 23.0 dB(A)	
Supercardioid (10 mV/Pa; 40 - 18,000 Hz) CHART						
Pads & Filters		Weight		Length	Max Diameter	Interface(s)
Pad: -10 dB (<i>Via Switch</i>)		460g (16.23oz)		180mm (7.09")	54mm (2.13")	3-pin XLR male (1)
Filter: HPF: -12dB/octave @ 100Hz (<i>Via Switch</i>)						
Power Specifications						
Requires phantom power						
Phantom voltage: 36–52v						

10mV/Pa, 142dB SPL, 10dBu, 가 .

10dBu가

22dBu 가 12dBu 가 .

가 , 150, 160dB SPL

140dB SPL, 20dBu 가 Peak 140dB SPL

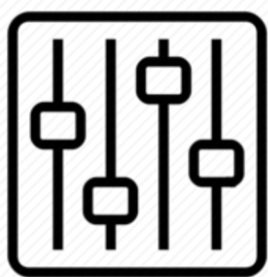
가 , MaxSPL

2)

1)

2)

가 가 Peak



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Last update: **2024/12/23**

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