

W I S D O M<sup>®</sup>

THE SOUND OF MODERN LIVING



*Mahajak Showroom  
Bangkok Thailand*

## Intro

Wisdom Audio was founded in 1996 to introduce a higher level of fidelity to speaker design. From our base at Carson City, Nevada, we're privileged to supply an exclusive blend of audio purity and ultra-discreet engineering to leading custom integrators, architects and interior designers on every continent. We specialize in the delivery of unforgettable entertainment experiences in the beautiful homes and super yachts of the world's most discerning customers.



## A New Design Quality

Overcoming the limitations of traditional driver technologies and room interactions, Wisdom Audio's application of proprietary large-scale Planar Magnetic Drivers (PMDs) with advanced woofer designs and Regenerative Transmission Line (RTL) Subwoofers has created an optimum performance signature.

Our proprietary technology combines exceptionally wide bandwidth, outstanding detail and dynamics, very high output and very low distortion. The range offers scalable installation flexibility to allow the specification of elite, ultra-discreet audio systems for any residential space. Wisdom Audio systems achieve breathtaking levels of fidelity for their clients from a versatile mix of in-wall, on-wall and free-standing full-range speaker models.



Cloud9

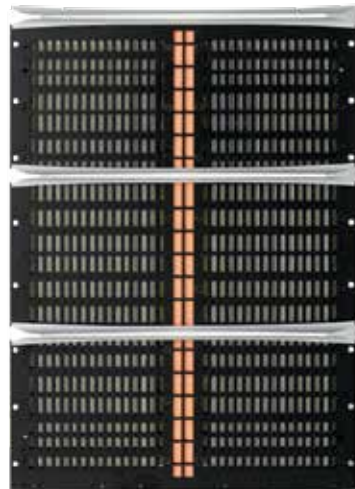
# Wisdom Technology

## Planar Magnetic Drivers

By chemically bonding the voice coil track to a high temperature polyimide 'thin-film' diaphragm and then surrounding it with the extraordinary force of tiny rare-earth neodymium magnets, Wisdom has created a uniquely capable driver technology. Across a frequency range exceeding eight octaves, and in an extraordinarily slender form-factor, its proprietary Planar Magnetic Driver (PMD) design unites the super-fine detail, low distortion and low coloration of electrostatic/ribbon diaphragms with the high power handling and high dynamic qualities of traditional speaker cones, adding greater speed and clarity in the process. As a result, Wisdom's ultra-versatile PMD offers innately more accurate, life-like sound across a wider frequency response for the most satisfying of audio experiences.



W I S D O M



Wisdom LS Planar Magnetic Driver



Wisdom LS4 full Planar Magnetic Speaker utilizes four LS Drivers

# Wisdom Technology

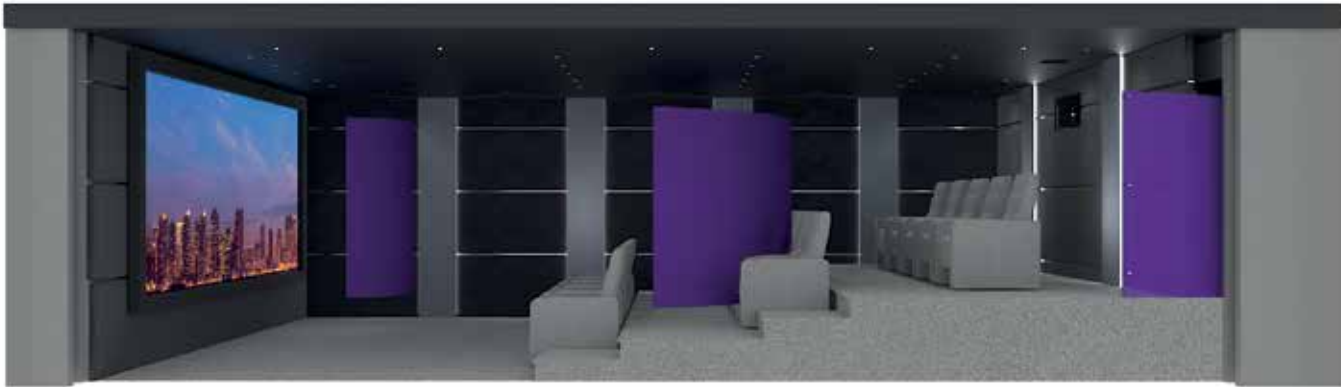
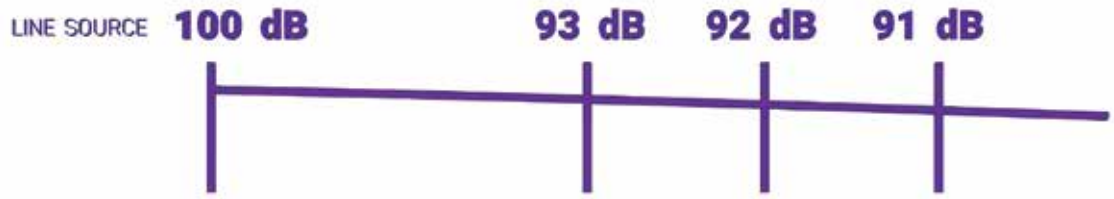
## Line source and point source technology

Most speakers in the world are point sources whose sound expands away from the speaker as an ever-enlarging sphere. Line sources work differently. Because the line source driver(s) are extremely tall and narrow, the sound radiates outward in the shape of an expanding cylinder, with no energy escaping above or below a designated horizontal dispersion pattern. By eliminating the harmful effects of floor and ceiling reflections, the audience hears nearly all the energy from the front soundstage, resulting in enhanced clarity and superior intelligibility. Line source loudspeakers typically provide a 50% improvement in clarity over a comparable point source speaker.

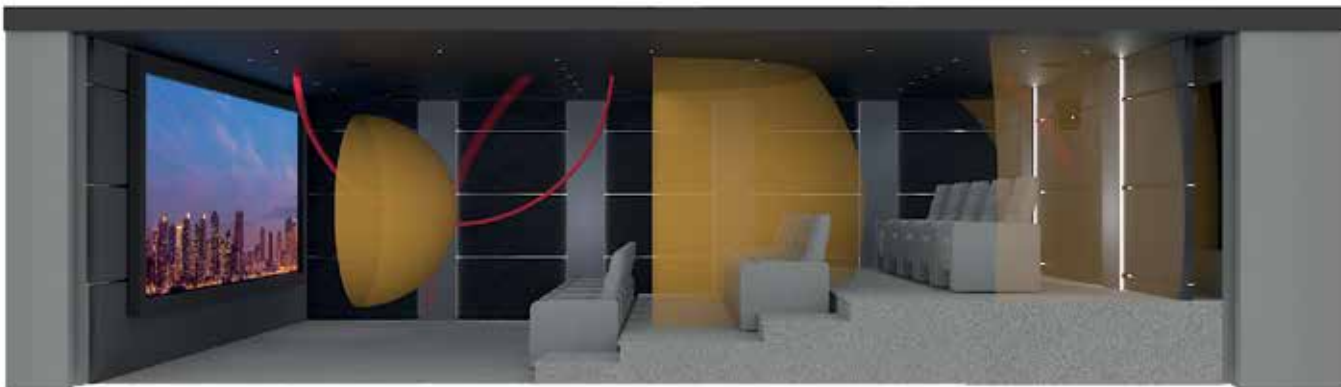
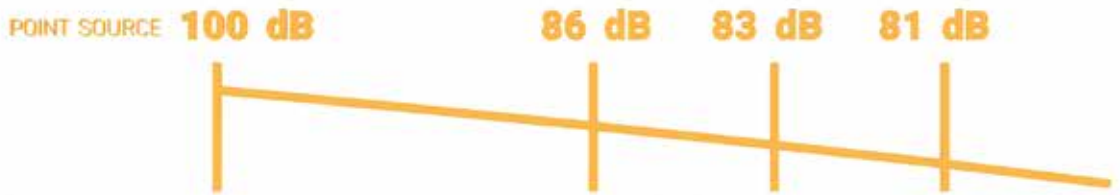
The second key advantage of line source design is the 'power over distance' effect, which delivers a greater 'shared experience' for the audience. While an average point source loudspeaker loses 6dB per doubling of distance away, a line source loses only 3dB. Wisdom Audio manufactures both high performance point source and line source loudspeakers using our core technology Planar Magnetic Drivers (PMDs), bringing speed, clarity and high dynamics to audio reproduction. Whether your Wisdom Audio system uses point sources or line sources, you will be thrilled with its ability to immerse you in the recording

Power over distance – Line sources (Purple dB) have half the propagation loss of point sources (Yellow dB) offering superior volume level consistency throughout the room ►





Line Source - propagates in a controlled vertical fashion (longitudinal expansion).



Point Source - propagates in all directions (spherical expansion).



Sammy Hagar  
@ Red Rocker Studio



Travis Barker  
Blink 182



CinemaTech



Paradise Theater



Mahajak Bangkok



Sound Components

# The Magic

## **Twice the sound from half the box**

Refined for over forty years, Wisdom's proprietary design will deliver the full-frequency impact of a conventional high-end free-standing box but with half the propagation loss, generating a magically 'immersive' audio experience from taller, slimmer cabinets, ideal for flush-fitting. The advanced line source driver alignment of our flagship models produces a naturally wide horizontal dispersion while minimizing floor/ceiling reflections to create a generous listening sweet-spot, tailored perfectly for the seating arrangements of larger environments.









## **Minimising the boom of the room**

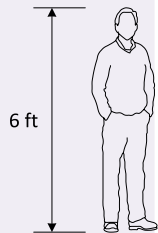
Wisdom Audio can lay claim to an exclusive acoustical ideal, which simultaneously maximizes the breadth and quality of the system response while minimizing the damaging effects of room reflections. Add in the luxury of flush-fitted aesthetics and it's easy to see why Wisdom Audio evokes the sense of 'being there' more powerfully and discreetly than any other brand. Our approach not so much bends the rules governing speaker performance, it breaks them apart, transforming discreet speaker design from a functional advantage into an art form.



AudioVisions

# The Wisdom range - In-wall / Ceiling

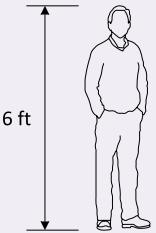






	WISDOM SERIES		SAGE CINEMA SERIES					
Product Reference	LS4i	LS3i	Line 4	Line 3	Line 2	Horizontal Line Source	Point 3 GT	Point 2 V2
Line or Point Source (L or P)	L	L	L	L	L	Hybrid Point-Line Source	P	P
Vert or Horiz Use (V or H)	V	V	V	V	V	H	V / H	V / H
Response (Hz-kHz)	80 - 20	80 - 20	60 - 20	60 - 20	60 - 20	60 - 20	60 - 20	60 - 20
Xover: Active/Passive (A or P)	A - 750Hz	A - 750Hz	A - 275Hz	A - 275Hz	A - 275Hz	A - 300/600Hz	P/A - 650Hz	P - 650 Hz
Sensitivity (dB 1W/m)	100	98	98	95	92	90	90	87
Amp channels req'd	2	2	4	2	2	3	1 or 2	1
HF/LF Imp (ohms)	4.25 / 4.25	5.6 / 5.6	2.5 / 3	3.3 / 4	5 / 6	8/5/6	6	4
Grille (none or color)	None	None	None	None	None	None	None	None
Weight (lbs)	251	189	168	126	84	97	60	40
Height (Inches)	84.75	64.70	102.0	76.50	51.0	14.2	35	22.37
Width (Inches)	23.75	23.75	14.0	14.0	14.0	57.3	12.5	11.0
Depth (Inches)	12.01	12.01	6.22	6.22	6.22	6.125	6.25	6.71
								



# The Wisdom range - In-wall / Ceiling






SAGE SERIES							INSIGHT SERIES			
L150i	L100i	L75i	P38i / C38i	P20i / C20i	ICS7a	ICS3	L8i	P6i	P4i	P2i
L	L	L	P	P	P	P	L	P	P	P
V	V	V	V / H	V / H	In-Ceiling	In-Ceiling	V	V / H	V / H	V / H
30 - 20	40 - 20	40 - 20	40 - 20	40 - 20	57 - 20	85 - 30	80 - 20	80 - 20	80 - 20	80 - 20
A - 275Hz	A - 275Hz	A - 275Hz	A - 650Hz	A - 650Hz	P - 650Hz	P - 900Hz	P - 550Hz	P - 600Hz	P - 650Hz	P - 650Hz
96	95	95	90	87	87	85	91	90	86	86
3	3	2	2	2	1	1	1	1	1	1
3 / 6	4.5 / 4	4.5 / 3	3 / 3	3 / 5	4.5	8	4	4	6	4
W	W	W	W	W	W	W (3"std/4"opt)	W	W	W	W
140	110	64	40	24	16	n/a	55	31	20	13
2 x 76.54	2 x 52.65	76.54	34.73	19.80	11.57	7.0	51.69	51.68	31.61	19.56
2 x 8.22	2 x 8.22	8.22	8.22	8.22	11.57	7.0	8.47	5.52	5.52	5.52
3.80	3.80	3.80	3.80	3.80	6.57	5.75	3.78	3.43	3.43	3.43
										

# The Wisdom range - On-wall

	WISDOM SERIES		SAGE SERIES			
Product Reference	LS4m	LS3m	L150m	L100m	L75m	P38m
Line Source or Point Source (L or P)	L	L	L	L	L	P
Vertical or Horizontal Use (V or H)	V	V	V	V	V	V
Frequency Response (Hz - kHz)	80 - 20	80 - 20	30 - 20	40 - 20	40 - 20	40 - 20
Crossover: Active / Passive (A or P)	A - 750Hz	A - 750Hz	A - 275Hz	A - 275Hz	A - 275Hz	A - 650Hz
Sensitivity (dB / 2.83 V @ 1m)	100	98	96	95	95	90
Amplifier Channels Needed	2	2	3	3	2	2
HF / LF Impedance (ohms)	4.25 / 4.25	5.6 / 5.6	3 / 6	4.5 / 4	4.5 / 3	3 / 3
Weight (lbs)	484	338	153	96	75	39
Height (Inches)	80.55	60.52	2 x 76.01	2 x 52.08	76.01	34.20
Width (Inches)	28.50	28.50	2 x 7.20	2 x 7.20	7.20	7.20
Depth (Inches)	11.83	11.83	5.87	5.87	5.87	5.87
						

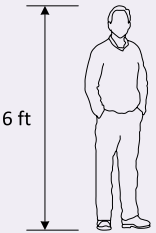








# The Wisdom range - On-wall

SAGE SERIES			INSIGHT SERIES	
P20m	C38m	C20m	P4m	P2m
P	P	P	P	P
V	H	H	H / V	H / V
40 - 20	40 - 20	40 - 20	50 - 20	70 - 20
A - 650Hz	A - 650Hz	A - 650Hz	P - 650Hz	P - 650Hz
87	90	87	89	87
2	2	2	1	1
3 / 5	3 / 3	3 / 5	6	8
25	39	25	25	14
19.28	7.20	7.20	33.15	16.61
7.20	34.20	19.28	8.07	8.07
3.78	5.87	5.87	4.13	4.13
				



# The Wisdom range - Freestanding

	WISDOM SERIES	SAGE SERIES					
Product Reference	LS4	L75	P48	P20	C38	C20	
Line Source or Point Source (L or P)	L	L	P	P	P	P	
Vertical or Horizontal Use (V or H)	V	V	V	V	H	H	
Frequency Response (Hz - kHz)	80 - 20	40 - 20	40 - 20	40 - 20	40 - 20	40 - 20	
Crossover: Active / Passive (A or P)	A - 750Hz	A - 275Hz	A - 650Hz	A - 650Hz	A - 650Hz	A - 650Hz	
Sensitivity (dB / 2.83 V @ 1m)	100	95	90	87	90	87	
Amplifier Channels Needed	2	2	2	2	2	2	
HF / LF Impedance (ohms)	4.25 / 4.25	4.5 / 3	3 / 3	3 / 5	3 / 3	3 / 5	
Weight (lbs)	534	87	61	26	39	26	
Height (Inches)	86.55	79.67	46.85	19.28	7.20	7.20	
Width (Inches)	28.50	17.83	15.80	7.20	34.20	19.28	
Depth (Inches)	11.83	16.0	14	7.34	7.34	7.34	
							

# The Wisdom range - Electronics

## SA-8 DSP Power Amplifier

- Eight channels
- 375 watts/channel continuous RMS power @ 4Ω
- DSP provides active crossover, delay, gain, and digital EQ profiles
- Bridgeable to 600 watts into a 4Ω load
- Dante Digital Audio
- Rack-mount with rack ears included
- 2U height



## SA-8 Power Amplifier

- 2 Eight channels
- 375 watts/channel continuous RMS power @ 4Ω
- Above power ratings from 20Hz - 20kHz at < 0.5% THD
- Rack-mount with rack ears included
- 2U height



## SA-3 Power Amplifier

- Three channels
- 500 watts/channel continuous RMS power @ 4Ω
- Above power ratings from 20Hz - 20kHz at < 0.5% THD
- Rack-mount with rack ears included
- 2U height



## SC-2 System Controller

- The foundation for Wisdom and Sage Series systems; optional use with Insight Series
- 8 inputs / 16 outputs, PEQ, Delays, X-Overs, DSP, Dirac Live
- Supports multipulpte zones of Theater or
- Distributed Audio
- Rack-mount with rack ears included
- 2U height



## SA-2 Power Amplifier

- Two channels
- 500 watts/channel continuous RMS power @ 4Ω
- Above power ratings from 20Hz - 20kHz at < 0.5% THD
- Rack-mount with rack ears included
- 2U height



## SC-3 System Controller

- The foundation for Wisdom and Sage Series systems; optional use with Insight Series
- 16 inputs / 32 outputs. PEQ, Delays, X-Overs, DSP, Dirac Live
- Supports multipulpte zones of Theater or
- Distributed Audio
- Rack-mount with rack ears included
- 3U height



## SW-1 DSP Subwoofer Amplifier

- 370 watts @ 4 ohms, 230 watts @ 8 ohms
- SW-1 can drive: STS, S110, S90i, SCS2, S55i(2), SAS(2) or S10(2)
- DSP is factory set for use with specified subwoofer and labelled accordingly
- Use SW-1 to drive any Wisdom Audio Subwoofer
- when SC-2 / SC-3 is not part of the system
- Rack-mount with rack ears included
- 1U height



## WWK-BB2

- High Performance XLR Cable Kit for SC-2 (24 XLR Cables Total)
- 8 x 39.0" Input XLR, 16 x 59.0" Output XLR 6 x DC Triggers
- 2 x Y-Adapters



## WWK-BB3

- High Performance XLR Cable Kit for SC-3 (48 XLR Cables Total)
- 16 x 39.0" Input XLR, 32 x 59.0" Output XLR 10 x DC Triggers
- 2 x Y-Adapters


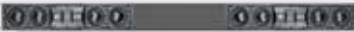
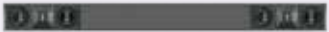
## Interconnect Kits



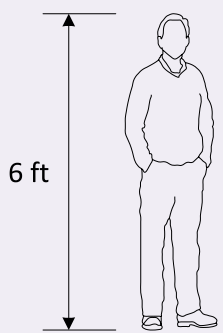


# The Wisdom range - Superbars

	SAGE CUSTOM SUPERBARS Available On-wall / Freestanding			
Product Reference	Custom C20 - C38 - C20		Custom C20 - C20 - C20	
On-wall / Freestanding	Freestanding	On-Wall	Freestanding	On-Wall
Line Source or Point Source (L or P)	P	P	P	P
Vertical or Horizontal Use (V or H)	H	H	H	H
Frequency Response (Hz - kHz)	40 - 20	40 - 20	40 - 20	40 - 20
Crossover: Active / Passive (A or P)	A - 650Hz	A - 650Hz	A - 650Hz	A - 650Hz
Sensitivity (dB / 2.83 V @ 1m)	87	87	87	87
Amplifier Channels Needed	6	6	6	6
HF / LF Impedance (ohms)	3 - 6	3 - 6	3 - 6	3 - 6
Weight (lbs)	Weight will vary depending on length		Weight will vary depending on length	
Height (Inches)	7.20	7.20	7.20	7.20
Width (Inches)	Custom (73.0 min - unlimited)		Custom (58.0 min - unlimited)	
Depth (Inches)	7.34	5.87	7.34	5.87
	<p>Custom C20 - C38 - C20</p> 		<p>Custom C20 - C20 - C20</p> 	

# The Wisdom range - Superbars

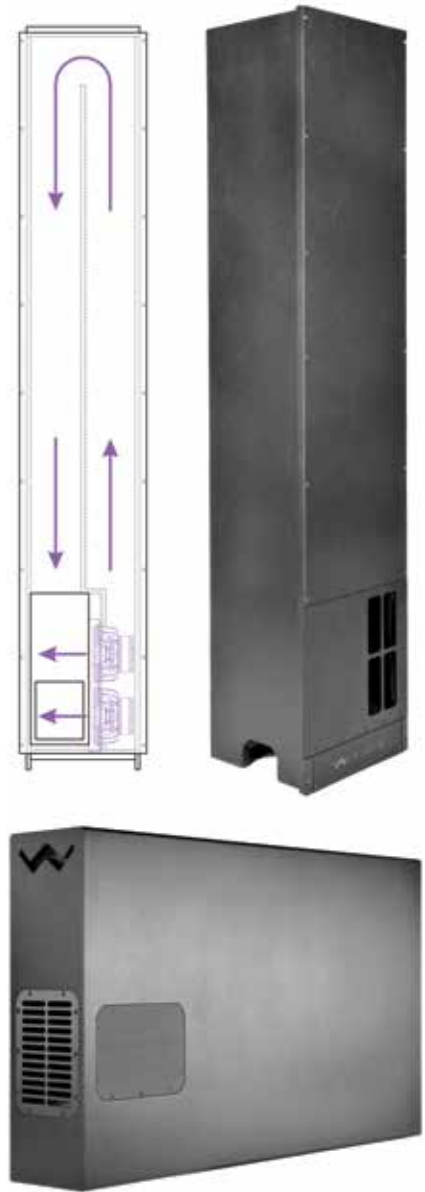
SAGE CUSTOM SUPERBARS Available On-wall / Freestanding INSIGHT SERIES					
Custom C38 - C38 - C38		Custom C38 - C38		Custom C20 - C20	
Freestanding	On-Wall	Freestanding	On-Wall	Freestanding	On-Wall
P	P	P	P	P	P
H	H	H	H	H	H
40 - 20	40 - 20	40 - 20	40 - 20	40 - 20	40 - 20
A - 650Hz	A - 650Hz	A - 650Hz	A - 650Hz	A - 650Hz	P - 650Hz
90	90	90	90	87	87
6	6	4	4	4	4
3 - 6	3 - 6	3 - 6	3 - 6	3 - 6	3 - 6
Weight will vary depending on length		Weight will vary depending on length		Weight will vary depending on length	
7.20	7.20	7.20	7.20	7.20	7.20
Custom (108.0 min - unlimited)		Custom (68.50 min - unlimited)		Custom (38.0 min - unlimited)	
7.34	5.87	7.34	5.87	7.34	5.87
<p>Custom C38 - C38 - C38</p> 		<p>Custom C38 - C38</p> 		<p>Custom C20 - C20</p> 	

# The Wisdom range - Subwoofers

	SUBWOOFER SERIES				
Product Reference	STS	S110i	S110 f/c	S90 / S90i / S90 f/c <small>basic-port</small>	S55i / S55 f/c
Freestanding / In-wall / In-Ceiling (F / I / C)	F	I / Baffle	F / I / C	I / C (2 x 6)	I (2 x 4)
Active / Passive (A / P)	P	P	P	P	P
Frequency Response (Hz - Hz)	20 - 80	28 - 80	28 - 80	20 - 80	38 - 80
Sensitivity (dB / 2.83 V @ 1m)	101	96	96	93	87
Impedance (ohms)	4	6	6	4	8
Optional Ceiling / Floor / Port kit	yes	- / - / -	yes	yes	yes
Weight (lbs)	220	100	100	60	40
Height (Inches)	59.0	64.89	64.89	92.75	54.0
Width (Inches)	36.0	13.75	13.75	15.88	15.88
Depth (Inches)	17.75	12.01	12.01	6.13	4.13
					

# The Wisdom range - Subwoofers

SUBWOOFER SERIES				
SCS	SCS-2	SAS	S10	SUB1 minimal appearance
F	F	F	F	I / C
A	P	P	P	P
20 - 80	20 - 80	30 - 80	35 - 80	37 - 140
na	93	90	89	85
na	4	8	8	8
- / - / -	- / - / -	- / - / -	- / - / -	yes / yes / yes
60	60	37	41	n/a
22.50	22.50	18.0	15.98 (6.06 downfiring)	7.90
37.0	37.0	27.0	15.35	10.50
7.0	7.0	7.0	4.56	19.25
				





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