

Double M-S 5.0 Surround Microphone



The mic holder and the cable are optional accessories.

- 5 surround outputs from one microphone (L, C, R, LS, RS)
- Compact size: 235mm(length), 235g(weight)
- Precise phase coherent M, S, M capsule layout
- MS to LR Matrix circuitry in the microphone body
- Ideal 5.0 sound localization
- Various accessories available for outdoor operation

The WMS-5 is the world's first 5-channel Surround microphone self-contained in one mic body. As the newest model in a comprehensive line of the highest quality microphones for audio recording, HDTV broadcast and film, the breakthrough Sanken WMS-5 utilizes extensive M-S stereo research conducted in conjunction with Japan's NHK. The WMS-5 is the ideal microphone for on location multichannel audio recording.

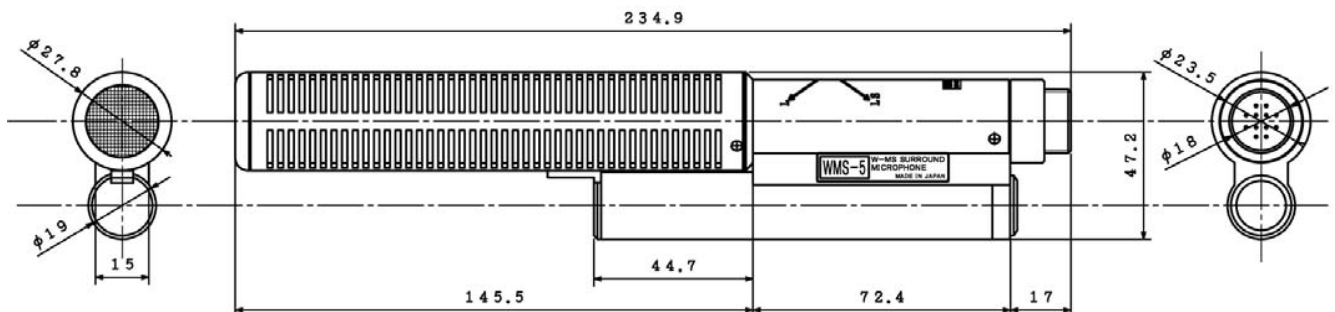
Surround sound for broadcast and film has become quite popular, but creating realistic multi-channel soundtracks in post-production from traditional microphone sources has proven problematic, time consuming, and unnatural. The WMS-5 delivers realistic surround sound with minimal setup time, and is easily mounted on a camera, boom pole, or pistol grip.

The Sanken WMS-5, an exclusive Sanken design based on the well known M-S method of recording, provides 5 surround outputs signals. The front "M" capsule is used for both "C" and front L, R. The "S" signal is for both front L, R and rear LS, RS. The rear "M" capsule is used for LS and RS. In order to keep precise phase coherence, capsules are set vertically on the same axis. The front "C" capsule has shotgun directivity.

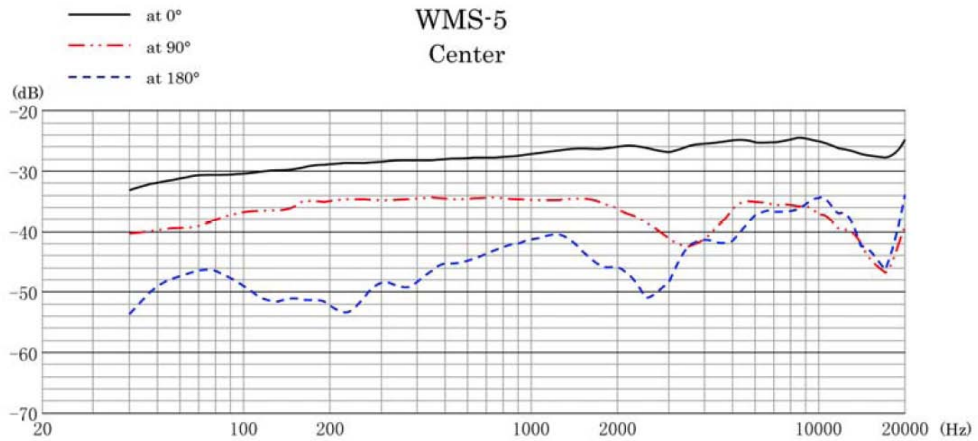
<Specifications>

Directivity	Super Cardioid (center output) Hyper Cardioid (L, C, R, LS, RS)
Transducer	DC biased condenser
Frequency range	50Hz - 20kHz
Sensitivity (nominal at 1kHz)	44.7mV/Pa (-27dB,0dB=1V/Pa)
Equivalent noise level (A-weighted)	MONO 20dB-A , STEREO 22dB-A . SURROUND 22dB-A
Max SPL (1% THD)	120dB SPL
Output impedance at 1kHz	120Ω
Powering	+48±4V phantom X 5ch Basically, 48V phantom have to be fed from all connected ch.
Functioning connection	L, C, R, LS, RS L, C, R C L, R L, R, LS, RS C, LS, RS
Not functioning connection	LS, RS only
Current consumption	less than 4mA / ch
Weight	235g
Dimensions	235mm X 27.8mm (metal mesh part diameter) , 19mm (grip diameter)
Surface finish	matte black
Connector	Multi 12Pin

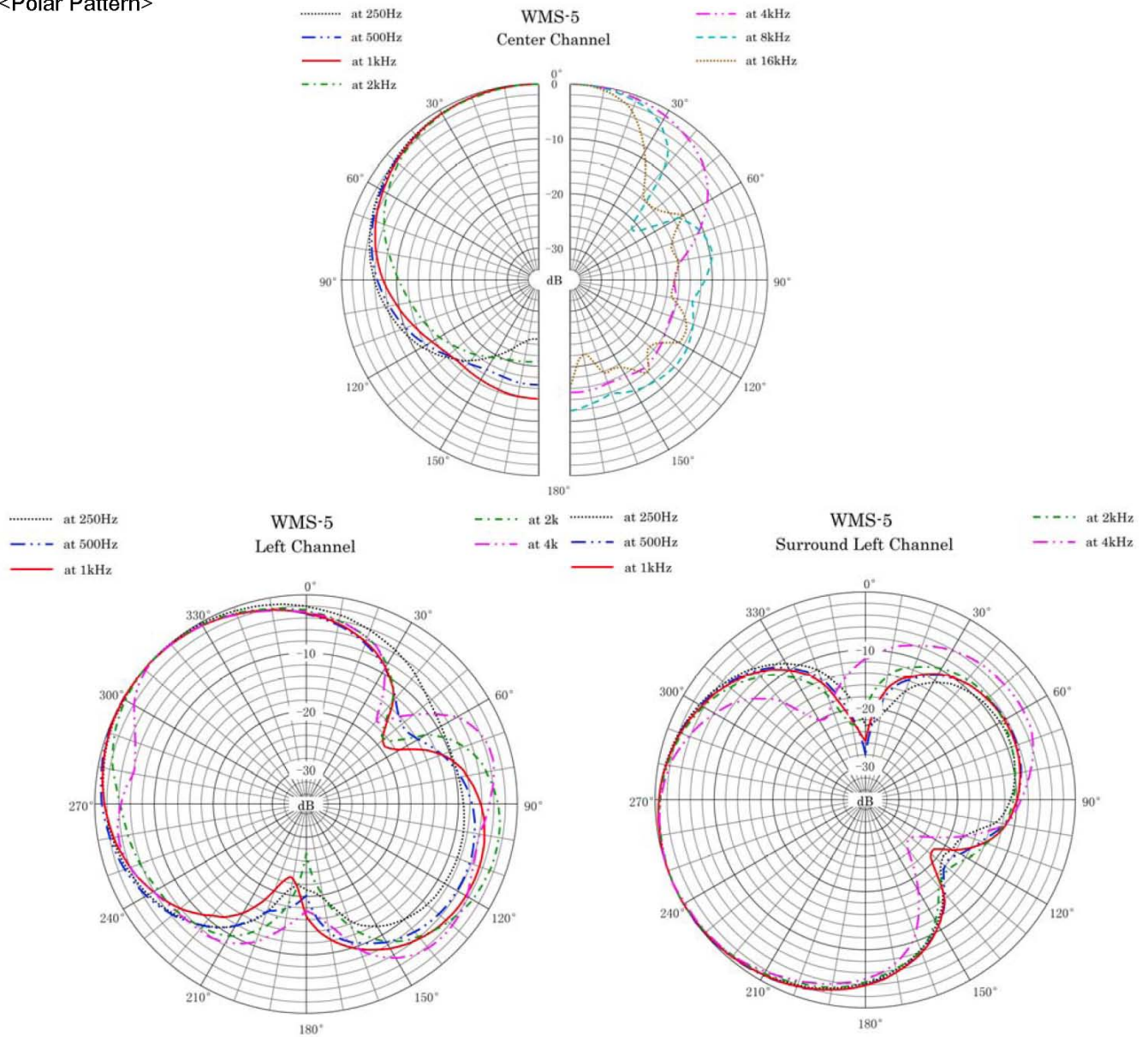
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<Frequency Response>



<Polar Pattern>



< Optional accessories >

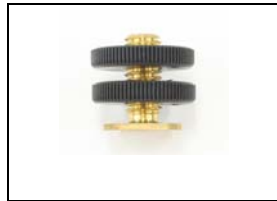
WGS-5
Shock mount holder
(3/8")



WJ-5L
Softie long fur



GWA-5
Camera shoe
Adapter



WJ-5
Softie short fur for
camera shoe (1/4")



HG-1
Handgrip 3/8"



WS-180W
Cage screen



K-BWC
Camera mounts
(26mm)



WJ-180W Fur jammer
for WS-180W



K-BWJ
Camera mounts
(21mm)



K-BWS
Camera mounts
(24mm)



< Optional accessories >

TCW-5E

Flight case Flight case
for WMS-5 set with WS-180**WSC-551/3.0 , WSC-551/15.0**

Cable 12P multi (F) - 12P multi(M)

WSC-535/2.0

5.0ch Cable 12P multi(F) – XLR-3M x 5(2m)

WSC-750/0.87

Cam Y cable 12P multi(F) – XLR-3M and XLR-5M (0.87m)

WSC-531/2.0

Mono Cable 12P multi(F) – XLR-3M x 1(2m)

Specifications are subject to change without notice

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