

# BALL Microphone

## Model RM-2

### **SERVOREELER SYSTEMS**

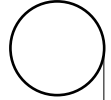
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*Shown in the photo at right approximately full size,  
partially deployed from our ceiling bezel.*

### SPECIFICATIONS

Element:	Condenser
Polar Pattern:	Omnidirectional
Frequency Response:	50 – 18,000 Hz
Sensitivity:	-54dBm +/- 3dB, 1kHz at 1 Pa
Impedance (element):	1k Ohms +/- 30%
Weight of ball assembly:	1 Ounce (28 gms)
Ball material:	Stainless steel (Brass optional)
Ball diameter:	.750" (19 mm)
Cable diameter:	2mm (.080")



### PREAMPLIFIER

Model:	Shure RK183PK
Output impedance:	EIA Rated at 150 Ohms
Clipping level @1% THD:	-6.0 dBV (.5V)
Power Requirements:	11 – 52 Vdc phantom, 2.0 mA

### Ball Microphone Description

Ball Microphones consist of a high performance condenser capsule embedded into a machined, stainless steel or brass ball. The ball provides good acoustic mass and a little ballast which exerts adequate pull on the microphone cable. The resulting low visibility Suspended Microphone is ideally suited for installation in all environments, including high profile corporate board rooms and other similar aesthetically demanding venues.

Exceptional sensitivity, a wide polar pattern and very good response minimize the number of Suspended Microphones required to cover any area. Ball Microphones provide optimal coverage of large spaces. They are frequently used for Teleconferencing in Corporate Boardrooms and Conference Rooms.

