



## RM 6

The RM 6 microphone utilises premium grade (imported) electronic components and features a patented pure gold-coated large diaphragm capsule. It features a cardioid polar pickup pattern with high sensitivity output, low noise and wide dynamic range. Featuring a low cut filter switch and -10dB low frequency attenuation switch located on the microphone body, the RM 6 can effectively reduce background noise and close proximally effect; moreover it can accept high sound pressure level (SPL) inputs. The RM 6 can be used in many professional situations: for recording studio, broadcast & TV stations, voiceovers, live sound, computer recording, etc.

### Characteristics

- ◆ Patented  $\Phi 34$  pure gold coated large diaphragm capsule;
- ◆ Premium grade (imported) electronic components resulting in negligible crossover and harmonic distortion;
- ◆ Cardioid pickup pattern, high sensitivity, low noise, wide dynamic range;
- ◆ Low frequency attenuation switch, reducing background noise and close proximally effect;
- ◆ 10dB attenuation switch; for high SPL inputs;
- ◆ Uniquely designed integrated pop filter and shock mount;

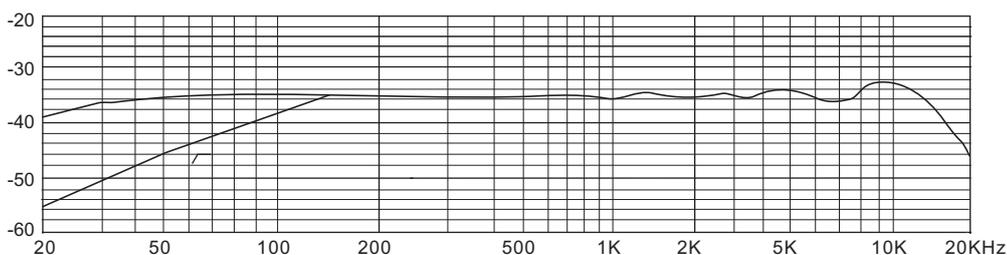
### Specifications:

Element:  $\Phi 34$  Pressure Gradient Transducer  
 Polar Pattern: Uni-directional  
 Frequency Response: 20Hz-20kHz  
 Sensitivity:  $-36\text{dB} \pm 2\text{dB}$  ( $0\text{dB}=1\text{V}/\text{Pa}$  at 1kHz)  
 Output Impedance:  $55 \Omega \pm 30\%$  (at 1kHz)  
 Load Impedance:  $\geq 1000 \Omega$   
 Self Noise: 14dB A  
 S/N Ratio: 80dB  
 Max. Input SPL: 135dB (at 1kHz  $\leq 1\%$  T.H.D)  
 Phantom Power Requirement: 48V DC Phantom Power  
 Electrical Current: 3mA  
 Weight: 417g  
 Dimensions:  $\Phi 50.5 \times 187.5\text{mm}$

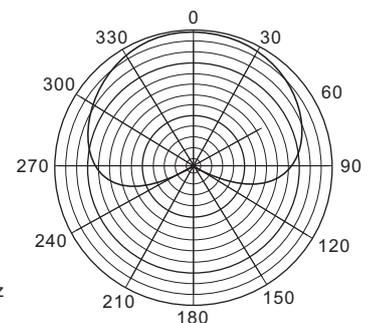
### Usage:

1. Turn on your amplifier or mixing board and set the volume control to minimum position, To connect the phantom power to the microphone turning on the phantom switch, accommodate the volume control from low to high so obtained effect to your moderate level for protected the sauna from pounding.
2. If the head of the microphone is covered by hand or brought close to the speaker, a howling sound may be generated. To prevent this, first decrease the volume, then place the microphone so that it is not pointed to the speaker and that there is a sufficient distance between the microphone and speaker.
3. The sensitivity of cartridge is very fine, Don't drop, hit or apply strong shock to it.
4. To maintain the sensitivity and quality of sound reproducing, avoid exposing it to moisture and extreme

### Frequency Response Graph:



Frequency Response Graph



Uni-directional (at 1kHz)