

Architects and Engineers Specifications for C 301E-RF – Knuckle Joint Versions

The condenser microphone shall have a cardioid polar pattern and slimline design. The microphone shall be of robust high quality brass construction using a knuckle joint configuration, which will allow the head to rotate almost 360 degrees horizontally and 90 degrees vertically. The microphone shall be terminated with a male 3 Pin XLR and be fitted with a Phantom Power Adaptor accepting 9 to 48 volts DC. The phantom power adaptor shall also include filters, which shall eliminate all GSM frequencies from 800MHz to 1.2GHz.

Frequency response 50 Hz to 18 KHz;

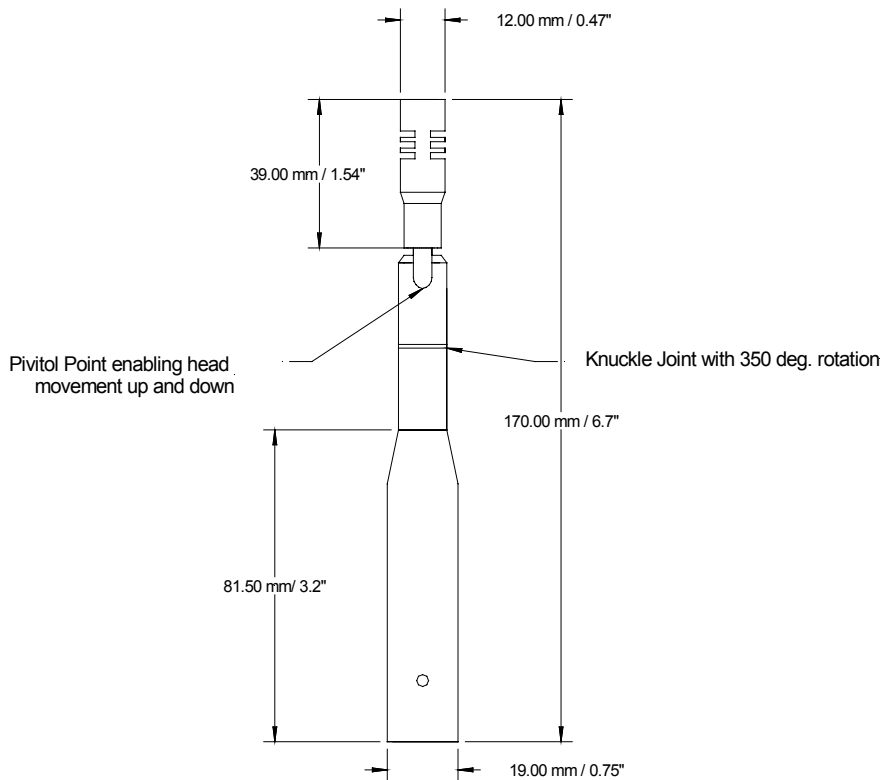
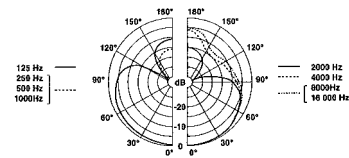
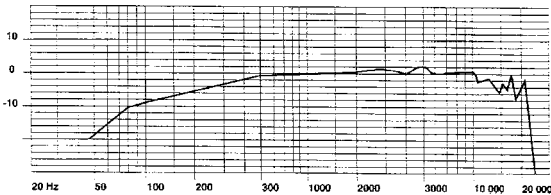
Sensitivity -47db ± 3db @ 1Khz (0db =1V/Pa).

Impedance 200 Ohms.

Total harmonic distortion (THD) at an operating level of 125db shall be no greater than 1%.

The microphone will have a low reflective Satin Black finish.

The microphone shall be a Clockaudio C301E-RF.



PIN CONFIGURATION

PIN 1 = SCREEN

PIN 2 = SIGNAL +

PIN 3 = GROUND -