



## M175 Boom Microphone

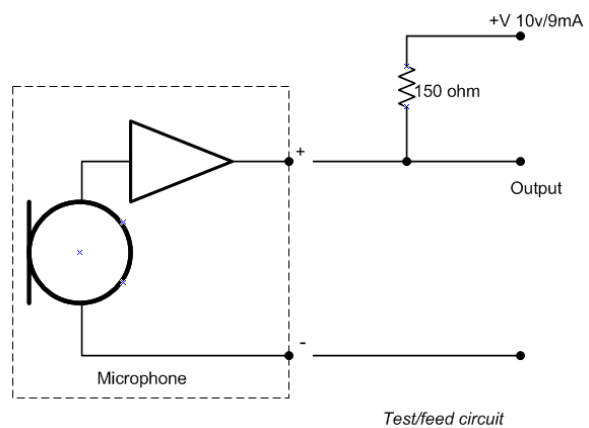
- Part No: PED0195
- 2 wire Electret, Noise Cancelling
- M175/A microphone
- QPL Approved (Astrocom)
- Wide frequency response and low distortion
- Heavy Duty Flexi mic boom
- UK manufactured
- Wired direct to headset connector



### Characteristics

Type:	Electret + amplifier
Dimensions:	19 mm Dia (max) 63 mm Length (mic body) 155 mm to Boom fixing clip
Weight:	50 gm (inc boom, clip, connector)
Boom/Fixing:	6.5mm dia/headset stud 'P' clip
Power:	8 - 24vDC via 150ohm
Sensitivity:	-46dBV/Pa typical @ 6.25mm
Freq. Response:	200Hz to 6KHz
Distortion:	< 5% at +30dBPa
Terminals:	Nexus 2 + 1 connector

### Schematic Circuit



### Environmental

In accordance with Mil-Std-810G:

High Temp:	Method 501.5, Store +71degC Op +70degC
Low Temp:	Method 502.5, Store -51degC Op -40degC
Humidity:	Method 507.5 < 95%
Dust:	Method 510.5
Salt Fog:	Method 509.5
Shock Drop:	Method 516.6 (12 drops to 2m)
Immersion:	Method 512.5 (1m)
Fungus:	Method 508.6

### Typical Microphone Frequency Response

