

Australian Monitor Microphones

Essentials Range



ESSENTIALS RANGE

The Essentials range of microphones from Australian Monitor is a cost effective, yet heavily featured range of high quality microphones tailored to the needs of today's audio contractor.

As the name suggests, these microphones cover all essential sound reinforcement required in commercial audio, industrial and AV applications and are available in dynamic, gooseneck, boundary and choir variations.



AM Vocal

Essentials Vocal Microphone

The AM Vocal is a dynamic supercardioid vocal microphone featuring a Neodymium magnet. It has an on/off switch and is supplied with microphone clip and carry case. Great for PA applications in schools, churches and other applications such as drive-away hire.



AM Boundary (u)

Uni-Directional Boundary Microphone

The AM Boundary (u) is a uni-directional boundary microphone for conference table and similar applications. The AM Boundary (u) includes a carry case, 10 metres of cable and a power module that takes 1 x AA battery. The power module includes a 3 position switch for flat response, high pass mode or "off" (to conserve the battery).



AM Boundary (o)

Omni-Directional Boundary Microphone

The AM Boundary (o) is an omni-directional boundary microphone. It includes a carry case, 10 metres of cable and a power module that takes 1 x AA battery. The power module includes a 3 position switch for flat response, high pass mode or "off" (to conserve the battery).



AM DFM

Dynamic Fist Microphone

The AM DFM is a noise cancelling dynamic (CB style) fist microphone for commercial/industrial PA and paging applications. The AM DFM is supplied unterminated with a momentary push-to-talk switch and comes with a wall mount clip.



AM Choir

Choir Microphone

The AM Choir is an electret cardioid hanging choir microphone available in either black or white. The microphone is supplied with 10 metres of cable, XLR adaptor, plus a screw-in wall bracket for mounting the XLR adaptor.



AM Slim G

Electret Gooseneck Microphone

The AM Slim G is an electret cardioid 350mm gooseneck microphone. It is a very slim line electret gooseneck microphone for lectern and conference room applications and includes a phantom power LED indicator on the microphone base.



AM Heavy G

Heavy Duty Gooseneck 'Supermarket' Microphone

The AM Heavy G is a supercardioid dynamic heavy duty 450mm gooseneck microphone designed for supermarkets, fast food outlets and other demanding applications where a "grab and yell" paging microphone is required. Featuring a heavy duty gooseneck, capsule and a momentary switch on the microphone head, the AM Heavy G is supplied unterminated with a desk mount flange.



AM Dynamic G

Dynamic Gooseneck Microphone

The AM Dynamic G is a dynamic, supercardioid gooseneck microphone suited to conferences, lecterns, paging, dispatch and other speech applications. Featuring a compact shock-mounted capsule, hardened steel mesh grill, latching switch and flexible gooseneck, the AM Dynamic G is both well featured and durable for the demands of a live environment, suited ideally for both live speech and paging applications.



Specifications

AM Vocal

| | |
|----------------------|---|
| Type | Dynamic Vocal Microphone |
| Polar Pattern | Supercardioid |
| Capsule | Neodymium magnet with dual membrane dome diaphragm and aluminium voice coil |
| Frequency Response | 50Hz – 16kHz |
| Sensitivity | -53dBV/Pa (2.2mV/Pa) |
| Max SPL | 140dB |
| Output Configuration | Wide bandwidth transformer |
| Output Impedance | 200 Ohms |
| Output Connector | Gold plated 3 pin male XLR |
| Dimensions | 53mm x 180mm |
| Weight | 363g |

AM Boundary (u)

| | |
|---------------------------|-------------------------------|
| Type | Condenser Microphone |
| Polar Pattern | Half Uni-directional |
| Capsule | Pressure Gradient |
| Frequency Response | 30Hz – 20kHz |
| LPF Slope | 80Hz, 18dB/Oct |
| Sensitivity | -44dBV/Pa (6.3mV/Pa) |
| Max SPL | 134dB |
| Dynamic Range | 115dB |
| Phantom Power Requirement | 9-52VDC or 1x AA 1.5V battery |
| Battery Life | 1200 hours |
| Current Draw | 2mA |
| Output Configuration | Transformer output |
| Output Impedance | 200 Ohms |
| Output Connector | Gold plated 3 pin male XLR |
| Cable Length | 10m |
| Dimensions | 96mm x 64mm |
| Weight | 390g |

AM Boundary (o)

| | |
|---------------------------|-------------------------------|
| Type | Condenser Microphone |
| Polar Pattern | Half Omni-directional |
| Capsule | Pressure Gradient |
| Frequency Response | 30Hz – 20kHz |
| Sensitivity | -42dBV/Pa (7.9mV/Pa) |
| Max SPL | 132dB |
| Dynamic Range | 114dB |
| Phantom Power Requirement | 9-52VDC or 1x AA 1.5V battery |
| Battery Life | 1200 hours |
| Current Draw | 2mA |
| Output Configuration | Transformer output |
| Output Impedance | 200 Ohms |
| Output Connector | Gold plated 3 pin male XLR |
| Cable Length | 10m |
| Dimensions | 65mm x 15mm |
| Weight | 280g |

AM DFM

| | |
|--------------------|---|
| Type | Noise Cancelling Dynamic |
| Frequency Response | 100Hz – 5kHz |
| Sensitivity | -66dBV/Pa (0.5mV/Pa) |
| Output Impedance | 200 Ohms |
| Output Connector | 5 wire, bare ends White – Audio positive Black – Audio negative Green – Switch Red – Switch Drain – Audio ground |
| Cable Length | 3.4m |
| Dimensions | 32mm x 300mm |
| Weight | 250g |

AM Choir

| | |
|---------------------------|----------------------------|
| Type | Condenser Microphone |
| Polar Pattern | Cardioid |
| Capsule | Pressure Gradient |
| Frequency Response | 40Hz – 18kHz |
| Sensitivity | -34dBV/Pa (20mV/Pa) |
| Max SPL | 126dB |
| Dynamic Range | 101dB |
| Phantom Power Requirement | 9-52VDC |
| Current Draw | 3.5mA |
| Output Configuration | Transformerless |
| Output Impedance | 200 Ohms |
| Output Connector | Gold plated 3 pin male XLR |
| Cable Length | 10m |
| Dimensions | 12mm x 27mm |
| Weight | 210g |

AM Slim G

| | |
|---------------------------|--------------------------------------|
| Type | Electret Microphone |
| Polar Pattern | Cardioid |
| Frequency Response | 50Hz – 16kHz |
| Sensitivity | -39dBV/Pa (11mV/Pa) |
| Max SPL | 132dB |
| Dynamic Range | 106dB |
| Phantom Power Requirement | 9-52VDC |
| Current Draw | 3mA |
| Output Configuration | Transformerless |
| Output Impedance | 200 Ohms |
| Output Connector | Gold plated 3 pin XLR male connector |
| Dimensions | 20mm x 620mm |
| Weight | 160g |

AM Heavy G

| | |
|--------------------|---|
| Type | Dynamic Microphone |
| Polar Pattern | Supercardioid |
| Frequency Response | 100Hz – 15kHz |
| Sensitivity | -58dBV/Pa (1.3mV/Pa) |
| Output Impedance | 500 Ohms |
| Output Connector | 5 wire, bared ends Red – Audio positive Black – Audio negative Green/White – N/O voltage free contacts Drain – Audio ground |
| Dimensions | 32mm x 300mm |
| Weight | 180g |

AM Dynamic G

| | |
|--------------------|--------------------------------------|
| Type | Dynamic Microphone |
| Polar Pattern | Supercardioid |
| Frequency Response | 100Hz – 15kHz |
| Sensitivity | -77dBV/Pa (1.6mV/Pa) |
| Max SPL | 140dB |
| Output Impedance | 500 Ohms |
| Output Connector | Gold plated 3 pin XLR male connector |
| Dimensions | 32mm x 300mm |
| Weight | 180g |

ENGINEERED BY AUSTRALIAN MONITOR

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