

# 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

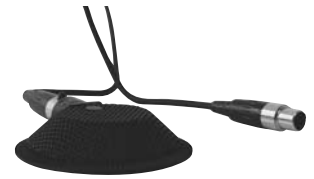
The AM Boundary (u) is a uni-directional boundary microphone for conference table and similar applications. The AM Boundary (u) includes a carry case, 10 metres of cable and a power module that takes 1 x AA battery. The power module includes a 3 position switch for flat response, high pass mode or "off"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

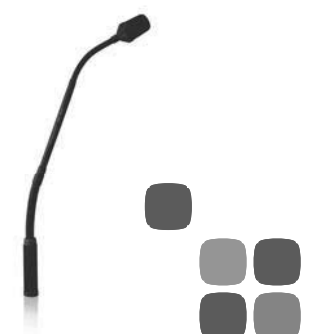
The AM Heavy G is a supercardioid dynamic heavy duty 450mm gooseneck microphone designed for supermarkets, fast food outlets and other demanding applications where a "grab and yell" paging microphone is required. Featuring a heavy duty gooseneck, capsule and a momentary switch on the microphone head,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

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