

AIR  
TIGHT

*The Bonsai!*



**Model: MSM-1**

Micro Studio Monitor - 10 cm Full Driver Unit

A&M LIMITED., OSAKA, Japan

# *The Bonsai*

## Model: MSM-1

Micro Studio Monitor - 10 cm Full Driver Unit

### *Features*

1. Small in calibre yet offering an ultimate efficiency by as much as 89dB
2. Affluent tonal quality & high resolution unprecedented with full range speaker
3. Ample dynamic range from low output level up to high level
4. Light-weight vibration system and high-linearity suspension
5. High efficiency magnet circuitry

### *Reproduction Capability Exceeding Conventional Full Range Unit*

In search of such sound quality and playback quality that outperform those of conventional full range driver, more than 10 years have been spent for development of new parameters and innovative component materials.

One example is the diaphragm that has been so far made of paper, aluminium, etc., but none of them has given us satisfaction, and we have been striving for a new target material "Light & Supple" in such an image as combined wings of cicada and dragonfly. Eventually with application of Japanese traditional technique, this idea has come true in the form of a new hybrid diaphragm composed of micro-fibre cloth and high-polymer plastic.

This ideal diaphragm boasts of the peerless feature 'light at the unit area with optimum rigidity', which has none of big resonance points within the basic bandwidth, thus ensuring natural, immaculate sound reproduction.

In addition, a newly developed suspension edge providing an adequate inner loss and flexibility makes it possible to bring out a superb effect in terms of signal compliance. Moreover, the damper to support the voice coil was made lighter with anti-rolling suspension.

In this way, the 10 cm driver offers the matchless advantages in respect of both of the response speed and follow-up capability to the music signals.

It's commonly understood that the bigger the speaker unit, the bigger the playback sounds and the more powerful the bass. On the contrary, it is also true that as the vibration mechanism gets larger it causes larger time-delay between the electric signals and playback sounds.

Now created is an epoch-making small, but powerful loudspeaker that derives full advantage of full range unit so far unaccompanied with multi-way systems.

A revolutionary proposal in design and concept employing a small module and enclosure for unsurpassed musicality!

### *Specifications*

Configuration: 10cm full range driver  
Power handling capability: 30W, 50W(max.)  
Impedance: 4 ohms  
Acoustic pressure level: 89dB/W(m)  
FO: 100Hz  
Frequency response: 70Hz - 20kHz (-10dB)  
Voice coil calibre: 25mm  
Magnet: 80 x 15mm  
Dimension(WxHxD): 14 x 24.5(highest) x 16.5 cm  
Weight: 2 kgs (each)

\* Specifications and design are subject to change without notice.

Dealer:



A & M LIMITED