



# M600

UNIVERSAL  
MICROPHONE MOUNT

# Enhanced Audio

introduces

the **M600** universal microphone mount.

The **M600**

represents a new and innovative approach

to microphone mounting technology.

The **M600**

brings the art of recording closer

to the original performance.



Enhanced Audio truly believes that you will be sonically impressed.

The M600's unique design offers increased musical headroom and greater dynamic transient capability. This is achieved by reducing low-level mechanical noise and increasing the amount of low-level information, providing an enhanced reproduction of the overall performance.

The performance of the M600 is the result of painstaking research and above all critical listening tests. It aims to enhance at the source of the recording chain minimizing the use of electronic processing such as equalisation resulting in a less processed performance for you to enjoy.

Nothing has been left to chance in the design and manufacture of the M600. Every single particular, including the design and the materials used in the construction, have been carefully considered and fully evaluated.

The M600 has been designed to interface and complement the various types of microphone available, thus insuring it's universal capabilities. It fits standard 5/8-27 American Unified Threaded microphone Stands, and with the use of an insert will fit 3/8-16 B.S.W. Threaded Stands.

Theory is one thing, reality another, technical specifications are important but we believe that there is nothing that goes beyond your own personal experience and listening with your own ears.

Try your microphone with the Enhanced Audio M600 and go beyond exceeding your expectations.

Hearing is believing



The Enhanced Audio M600 breaks away from the convention of suspension mounting by clamping the microphone within two low resonant aluminium rings. These rings are precision drilled and tapped at three points. At each of the three points an adjustable mounting screw is inserted, attached to the screw is a technopolymer plastic (Delrin) thrust pad.

The thrust pads align themselves on to the surface of the microphone and thus prevent the rotating force of the adjustment screws being transmitted to the microphone

When mounting the microphone, the microphone is held by hand within the centre of the rings until each screw, a total of six, is adjusted to make contact with the microphone.

When contact has been established the microphone is protected from disturbance caused by structural and ground born external vibrations.

The Enhanced Audio M600 utilizes the fact that it has a low resonant frequency restricting the transmission of infrasonic vibrations, resulting in an audibly tighter and extended bass response, cleaner treble and improved detail.

These vibrations are concentrated in the ultra low infrasonic frequency range e.g. traffic, heavy machinery and seismic energy all contribute to infrasonic vibrations. It's natural to assume that these vibrations due to their lack of audibility within the human ears frequency response do not have any significant effect on the normal operation and frequency response of a microphone, but in tests and in practice we believe that they most certainly do.



## Mounting the microphone

### Step 1:

Thread the M600 to the microphone stand in a vertical position.

### Step 2:

Adjust the mounting screws to their widest position or the approximate diameter of the microphone.

### Step 3:

Imagine the rings as the face of a clock; each screw has a known position 12, 4 and 8 o'clock respectively.

Holding the microphone in the centre of the two rings, turn the screws in the 4 and 8 o'clock positions in both rings until they make contact with the microphone, making sure the microphone stays roughly in the centre of the rings. Whilst holding the microphone, gently position it as if it is lying on the screws in the 4 and 8 o'clock positions in both of the rings.

### Step 4:

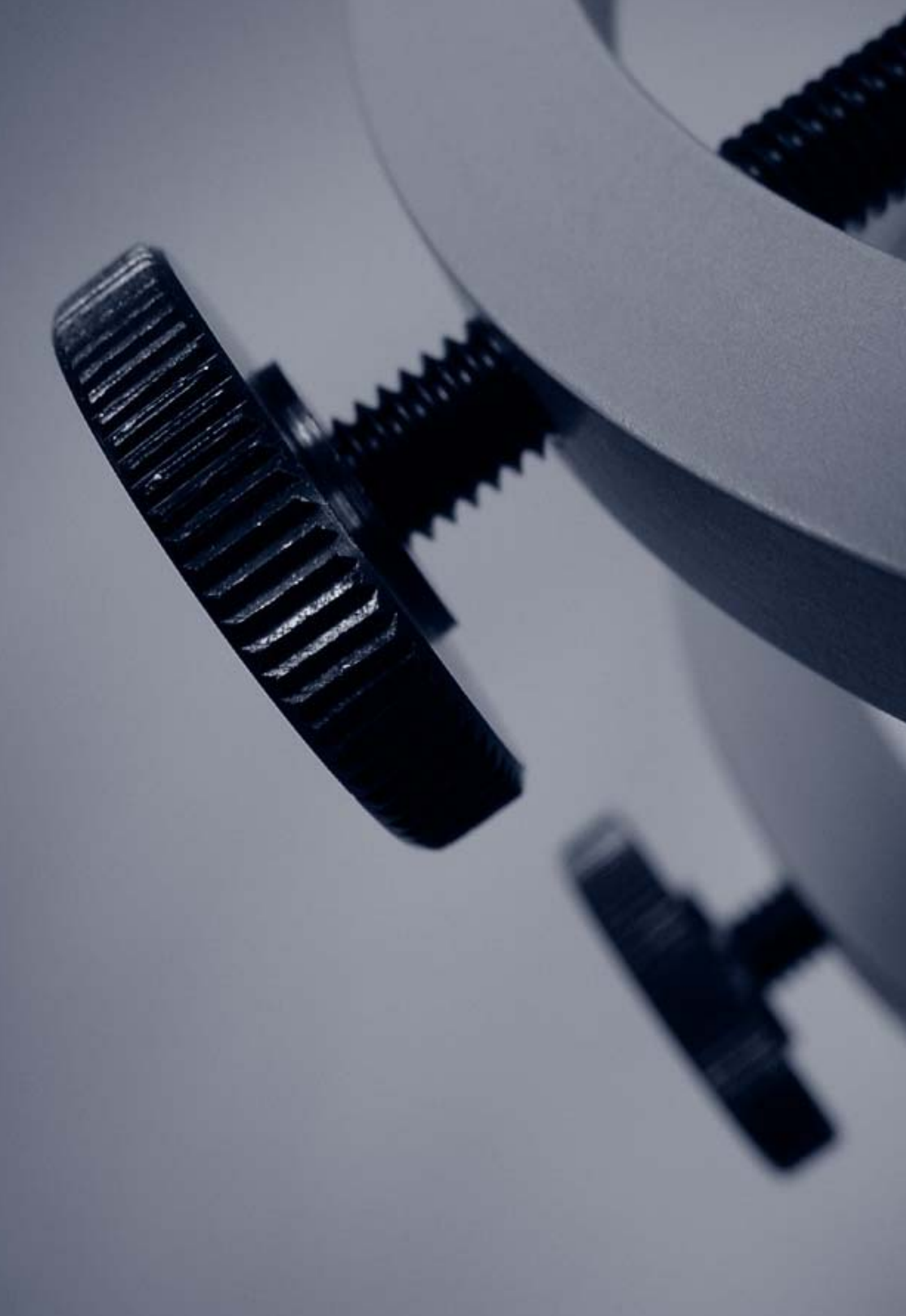
Still holding the microphone by hand, view the microphone from the front and side elevations. Adjust the mounting screws in the 4 and 8 o'clock positions in both rings until the microphone is centred and level within the rings.

### Step 5

Now adjust the mounting screws in the 12 o'clock position in both rings to finally position and tighten. You should now have all the screws making contact with the microphone.

### Warning:

All the screws should be finger tight only. As you tighten you will notice a point where you can go no further unless you over tighten. There is no need to use excessive force; gently check the microphone for vertical and horizontal movement, at this point there should be none.



### **Connecting the Microphone cable**

When connecting the microphone cable, hold the microphone by hand within the M600, thus avoiding any excessive pressure on the thrust pads and mounting screws as you insert the XLR connector into the base of the microphone. Once again check the microphone for any vertical or horizontal movement once the cable has been connected.

### **Positioning the M600**

When positioning the M600 in a vertical or horizontal position, hold the main body of the M600 i.e. the clamping rings to ensure that the M600 does not suddenly fall from its last locked position as you untighten using the adjustable hand levers.

The adjustable hand levers after tightening can be adjusted to a particular lever position by pulling the lever allowing it to be swivelled to the ideal clamping position.



## Maintaining the M600

Very little is required to maintain the M600. If you find the mounting screws slightly stiff after prolonged use, a single drop of light machine oil can be applied to the threads of the mounting screws.

Fully insert the screws and apply the oil to the part of the thread nearest the inside of the clamping ring, now retract and reinsert the screws to apply the oil to all of the thread of the mounting screws.

Wipe away any excess oil which may have applied itself to any other part of the M600. To remove a screw from any of the two clamping rings fully unthread the screw until the thrust pad makes contact with the clamping ring.

Gently unthread the screw, hold the thrust pad as it will remove itself from the ballpoint tip of the screw as you retract and remove the screw.

Be careful not to lose the thrust pad.

\*Technical specifications are subject to change without notice.





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