

MusicMedic Bench Motor

Operating Instructions

Warnings:

Read and understand all instructions. Failure to follow all instructions listed below, may result in electric shock, and/or serious personal injury or property damage.

1. Keep your work area clean and well lit. Cluttered benches and dark areas invite accidents.
2. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust. Power tools create sparks which may ignite the dust or fumes.
3. Keep bystanders, children, and visitors away while operating a power tool. Distractions can cause you to lose control.
4. Do not use a tool that requires service or is malfunctioning- repair tool before using for safety.
5. Stay alert, watch what you are doing, and use common sense when operating a power tool. Do not use tool while tired or under the influence of drugs, alcohol, or medication. A moment of inattention while operating power tools may result in serious personal injury.
6. Dress properly. Do not wear loose clothing or jewelry. Contain long hair. Keep your hair, clothing, and gloves away from moving parts. Loose clothes, jewelry, headphone cords, or long hair can be caught in moving parts.
7. Avoid accidental starting. Be sure switch is in the locked or off position before plugging in the tool.
8. Be sure to check that all tools or work is secured well in the chuck before starting tool.
9. Use safety equipment. Always wear eye protection. Consider a particulate mask for sanding or dusty operations.
10. Be aware of how much material extends out of the chuck, or out of the back of the spindle. Unsupported work can become unstable, deform or become a projectile or whip -- this can be an extremely dangerous situation -- avoid extending work any more than required.
11. Be sure work is balanced before starting the bench motor- unbalanced or heavy loads can cause vibration and could be thrown from the tool.
12. Always operate at the minimum speed required for the work you are doing.
13. Unplug when not in use to prevent accidental starts.

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Unpacking

Motor and base

Hardware kit:

4X- 1/4-20 mounting screws and wood anchors

1X- hex wrench 3/16 x 6 inch



Setup & Mounting

Choose a place where working is comfortable and the Bench Motor will be out of the way of foot traffic passing by the workspace. Consider where the chuck will be located in all three positions.

For most users, while facing the work bench- this will be in the left hand nearest corner to allow positioning of the chuck over the workspace, over the front edge of the workspace, and 180 degrees over the end of the workspace.

Make sure your table top is capable of supporting your mounting hardware and any additional stress from use of the bench motor.

Mounting-

1. Lift the motor onto the workspace and locate as desired- mark where the outside edge of the base plate touches the table top.
2. Loosen the two set screws on the base plate (just below the MusicMedic logo) until they extend out of the base 1/8 inch (about 3 turns)
3. Remove the base plate by sliding it off the locating pin
4. Align base plate with location marked in step 1 and mark holes. If you are using the included through-bolt hardware, make sure the locations of your holes will be clear and accessible from below... If using other hardware- consult the supplier for proper installation.
5. Drill marked holes with 5/16 (8 mm) drill- try to make the holes perpendicular to the table top.
6. Insert 1/4-20 bolts into mounting holes in the corners of the base plate and lower into the through-holes in the table top.

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Operation-

1. Only one set screw is required to lock the position of the bench motor at 0, 90, or 180 degrees. Be sure to loosen set screws 3 turns before trying to rotate the bench motor.



0



90



180

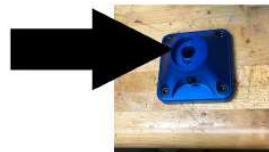
Do not try to lock the bench motor at positions between 0, 90 or 180 degrees- this will not be secure and injury is possible with unsecured tools.

Be sure the Bench Motor is in a locked position before starting work.

2. Make sure work is secured in the keyless chuck before energizing the motor. The keyless chuck is precision made and only requires hand pressure to hold work tightly- do not use tools or wrenches to close chuck.
Clockwise to close jaws. Counter clockwise to open jaw.
3. Turn speed knob to lowest setting before energizing motor. Switch the motor control to "on". Gradually turn knob until required speed is reached.
4. Stop the motor by switching the control to "off"
5. If using an optional foot switch, switch motor control switch to "on" to allow the foot switch to control motor function. Be sure to check speed before engaging foot switch.
Switch motor control to "off" when left unattended to prevent accidental starts.
6. It is possible to slow the spinning of the chuck with the handbrake once the tool has been switched off.
Do not try to stop the tool while powered- damage or injury may result.
7. Discontinue use if motor becomes excessively hot and allow to cool.
Be aware of any noises that indicate loose parts, work belts or dangerous work conditions.

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7. Be sure to check the orientation of the base plate so you will be able to rotate the bench motor to your desired locations. If you are mounting the bench motor in the traditional left-hand-near, the recessed 'C' in the base plate will be on the left of the plate, with one of set screws facing the near edge of the bench.



If in doubt- test fit the bench motor back into the base plate and check the range of motion- lift bench motor out of the base plate for step 8

8. Thread wood inserts onto the bolts from the bottom with the sharp tabs on the inserts facing -up- and tighten the 1/4-20 bolt with the included hex key to draw the inserts into the bottom of the table top and secure the base plate.



9. Slide bench motor locating pin into base plate.



10. Tighten set screw to align and locate bench motor.

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