



Caribbean Controls

Bassmon Manual String Bass M Series Edition

FOR USE WITH: M, M2, M3, and M100 spinets.

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INTRODUCTION

This kit contains the Bassmon String Bass Unit. When properly installed to a Hammond M Series spinet, it provides 32', 8' pedal and string bass tones on the lower manual, adjustable via onboard trim pots.

NOTE ABOUT 32' PITCH: This lower pitch was selected so that the spinet player can access 16' Low C on the lowest C note of the lower manual. If standard 16' tones were provided it would be like having pedals that stopped at low F. Very inconvenient! As a result, the 7 lowest keys of the lower manual play low F thru low B at a 32' pitch; lower than ANY Hammond console, with the exception of the RT series pedal solo unit!

CAUTION: Due to the presence of electrical potential, only an experienced technician should perform installation procedures or adjustments involving 110vac or 220vac "mains" power.

INSTALLATION

CAUTION: DISCONNECT ALL EQUIPMENT FROM POWER BEFORE PROCEEDING.

1. Install the Bassmon chassis to the right of the amplifier.
2. Remove the Brown wire from the rear of the 1st lower manual drawbar, and remove the Red wire from the 2nd lower manual drawbar.
3. Connect the orange wire from the Bassmon to the Brown wire disconnected in step 2.
4. Connect the grey wire from the Bassmon to the red wire disconnected in step 2.
5. Connect the black wire from the Bassmon to a chassis screw on the amplifier chassis.
6. Using a soldering iron, connect the purple wire from the Bassmon to the 1st lower manual drawbar.
7. Locate the AC mains terminals on the amplifier by removing the left most cover plate. There you should see three terminals, with grey, blue, and brown wires attached.

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8. Using a soldering iron, connect the grey and blue twisted pair to the amplifier terminals as follows: Bassmon grey to amplifier grey, Bassmon blue to amplifier brown.

Installation is now complete with the 1st lower manual drawbar acting as the new Bassmon volume control.

FINAL CHECK AND ADJUSTMENT

-  Check all connections for proper hookup.
-  Reinstall all covers removed during the installation.
-  Turn on the organ in the normal manner.
-  Play and hold Low C on the lower manual, a match pack can be used to wedge the key down.
-  Adjust the "DB Level" trim pot to taste. It should be balanced with the regular organ tones, but not so loud as to cause distortion or undue vibrations in the tone cabinet.
-  Release the Low C and play in a staccato fashion
-  You should be hearing a 32', 8', and string bass tone that goes all the way to low F on the keyboard. If not, check that the "Octave" and "Pluck" trimmers are not turned down to "0".
-  You will now adjust that "Pluck" tone to your liking by adjusting the "pluck" trim pot on the Bassmon.
-  You will now hold Low C again, and adjust the "Octave" trim pot to produce the desired mixture of 8' tone.

IMPORTANT: The Bassmon is a monophonic synthesizer, which means it can only play one note at a time. Further it is optimized for BASS, so it should only be played in the bottom 3 octaves of the keyboard.

Attempting to play chords, other harmonies, or notes in the upper 2 octaves of the manual can yield unpredictable (and unmusical) results.