

The MS40 Module has the same technical and musical characteristics as the two MS50 and MS60 keyboards. All the information regarding the functions and performance of the MS40 can therefore be found in the MS60/50 Owner's Manual supplied with the instrument.

The only difference between the MS40 and the keyboards is as follows:

Dimensions: 53 x 35 x 13 cm.

Weight: 6,5 Kg.

Different MIDI reception default (MIDI Rx).

Different position of the rear panel sockets.

No Keyboard or Wheels.

## **CONNECTING THE MS40 TO A MIDI KEYBOARD OR MASTER KEYBOARD.**

The MS40 must be connected to a MIDI KEYBOARD or MASTER KEYBOARD via its MIDI IN 2 (Keyb.) socket.

If the keyboard or Master Keyboard only transmits on CH. 01, the MS40 will be immediately set to function in the best manner, with the Automatic Accompaniment on the left of the keyboard and the Solo on the right.

To control only the Solo section (Right Hand), it is sufficient to move the Split Point of the MS40 from C4, which is the default, to C1 for example.

The Program Changes transmitted by the keyboard are recognized both by the Presets (Bank 1 - Bank 2) and the Programs.

The default condition of the MIDI RECEPTION (Rx) of the MS40 is as follows:

**RIGHT:** Off

**DRUMS:** 10

**LEFT:** Off

**BASS:** Off

**CHORD 1:** Off

**CHORD 2:** Off

**CHORD 3:** Off

**LEFT & RIGHT GLOBAL CHANNEL:** 01

In a case where the keyboard transmits on a MIDI channel other than 01, you must modify the LEFT & RIGHT GLOBAL CHANNEL with the following procedure:

1. Press **EDIT**.
2. Press **F1** (MIDI).
3. Press **F2** (MIDI Rx).
4. Press **PAGE >>** repeatedly to open the display showing **LEFT & RIGHT GLOBAL CHANNEL**.
5. Press **F8** and set the correct channel number with the **VALUE -/+** keys.

## **CONNECTING THE MS40 TO A MIDI ACCORDION.**

The MIDI ACCORDION must be connected to the MS40 via the MIDI IN 2 (Keyb.) socket.

**FIRST OF ALL** it is necessary to select the **ACCORDION** function on the MS40 with the following procedure:

1. Press **EDIT**.
2. Press **F7 (ACCORD)**.
3. The "SELECT ACCORDION MODE" enables you to select the system used by the accordion, this can be International (French or Italian) or Belgian.

The selection is made by repeatedly pressing the **F4** function key when the relative system will be shown in that position on the display.

The **ACCORDION** function will only have to be set once, as it is memorized and the selected system will be restored even after turning the MS40 'Off'. It will have to be reset though if the MS40 is initialized by the **HARD RESET** procedure at any time.

After setting the **ACCORDION** mode, the MS40 is immediately ready to work correctly with the **MIDI Accordion**.

In fact, the **ACCORDION** function modifies the **MIDI RECEPTION (Rx)** default conditions in the following way:

**RIGHT:** 01  
**DRUMS:** 10  
**LEFT:** 02  
**BASS:** 03  
**CHORD 1:** Off  
**CHORD 2:** Off  
**CHORD 3:** Off  
**LEFT & RIGHT GLOBAL CHANNEL:** 16

These channels can easily be modified by entering the **MIDI Rx** section of the MS40. To enter **MIDI Rx**, press **EDIT**, then **F1 (MIDI)** and finally **F2 (MIDI Rx)**.

**DYNAMICS:** The **ACCORDION** function automatically sets the **Key Velocity Curve N°4**, which is the most suitable for all **MIDI Accordions** without dynamics. If though, the **MIDI Accordion** or **Chromatic Keyboard Organ** has a **Solo keyboard (RIGHT HAND)** with dynamics, it is preferable to set one of the dynamic curves of the MS40 as follows:

1. Press **EDIT**.
2. Press **F1 (MIDI)**.
3. Press **F5 (UTILITIES)**.
4. Press **F3** and select the dynamic curve with the **VALUE +/-** keys.

*N.B. - Some MIDI accordions transmit two MIDI channels at the same time on the **RIGHT HAND** section, normally 01 and 04.*

*In this case it is necessary to exclude the **MIDI reception (MIDI Rx)** on any sections of the MS40 set to **CH. 04**.*

*In addition, once the **MANUAL BASS** button is pressed, the octave 8' for the **BASS** is automatically selected and the **SUSTAIN** value is set up on value 12.*

## **"ACCORDION REGISTRATIONS" DISK FOR THE MS40.**

The MS40 is supplied with a **DEMO** disk and **ACCORDION REGISTRATIONS** disk, the last mentioned with a view to simplify and suggest several of the outstanding performances that can be obtained from the MS40.

To load the ACCORDION REGISTRATIONS from disk you should do as follows:

1. Insert the disk.
2. Press the **LOAD** key in the DISK section of keys.
3. Press **F3** (REGISTR.).
4. Press **F1** (ACCREGS.). Wait for the **LOADING** operation to be completed.

The ACCORDION REGISTRATIONS from 1 to 56 (those concerning the Piano and Ensemble sound families) contain Rhythm Registrations, with Styles and Voices suitable for Dance Music.

The 8 Registrations from 56 to 64 (concerning the Brass family of sounds), on the other hand, are more specifically intended for Classic and Church music.

**WARNING:** - The **HARD RESET** will irrecoverably cancel the Registrations in the internal memory of the MS40 and restore the 64 Standard Registrations. To reload the Accordion Registrations on Disk it will be necessary to repeat the above procedure.

## **CONNECTING THE MS40 TO A MIDI GUITAR.**

The MIDI GUITAR must be connected to the MS40 via the MIDI IN 2 (Keyb.) socket. Furthermore, as indicated above for the MIDI Accordion connection, **FIRST OF ALL** set the ACCORDION function to INTERNATIONAL, so as to assure the best recognition of the chords played, even when alternating complete chords with runs played around the same chord.

The MS40 can then be set in two different modes regarding the MIDI RECEPTION (Rx), according to whether you want to control the Automatic Accompaniment (Arranger) or only the Solo sounds (Right Hand).

### **TO CONTROL THE ARRANGER:**

Enter the MIDI Rx menu of the MS40 and then set the **LEFT** section to the same channel that the guitar transmits on.

The **LEFT** section in fact, is the one that controls the entire Arranger section.

### **TO CONTROL THE SOLO SECTION:**

Enter the MIDI Rx menu of the MS40 and then set the **RIGHT** section to the same channel that the guitar transmits on.