

## Splitting a Keyboard

If you have only a single keyboard, you can configure the Miditzer to split the keyboard and use one keyboard for two manuals. This works especially well if you have a 76 or 88 note keyboard. The Miditzer Settings for splitting a keyboard are easier to do than explain. If this explanation doesn't make sense, just experiment a bit and it will probably become clear.

As a first step, the keyboard has to be connected and working as a single manual. Refer to the instructions for Connecting keyboards if necessary.

Next set the devices and channels to be the same for the two manuals that are going to share the split keyboard:

Right-click to select MIDI input devices and channels:

Clavier	MIDI input device	Chan	Low	High	Trans	2nd Touch	Pres	Chan
Solo	In-A USB MidiSport 4x4	1	C00	G9	0	Chan	0	1
Accomp.	In-A USB MidiSport 4x4	1	C00	G9	0	Chan	0	1
Pedal	In-C USB MidiSport 4x4	1	C00	G9	0	Note	0	1
<auxiliary>	Omni	16						

At this point, if you play the keyboard it should play both manuals. Now we are ready to split the keyboard. Start by setting the split point. You need to decide the range of keys that is going to be assigned to each manual. The Low and High settings for each clavier defines what range of the keyboard will control that clavier. Normally you will just set the Low note for the Solo and the High note for the Accompaniment to two adjacent notes. C4 is middle C. A split between F#4 and G4 is shown by the highlighted settings:

Right-click to select MIDI input devices and channels:

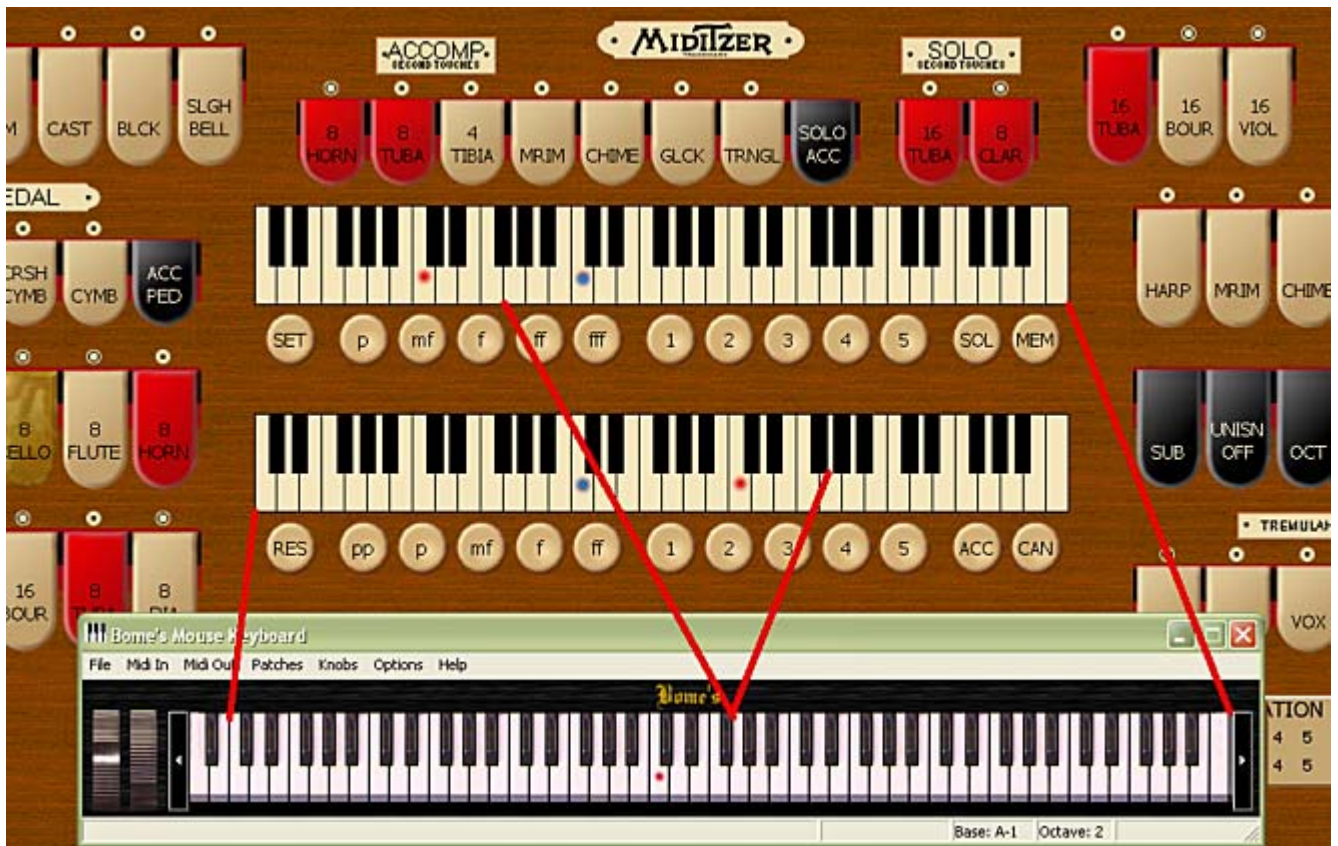
Clavier	MIDI input device	Chan	Low	High	Trans	2nd Touch	Pres	Chan
Solo	In-A USB MidiSport 4x4	1	G4	G9	0	Chan	0	1
Accomp.	In-A USB MidiSport 4x4	1	C00	F#4	0	Chan	0	1
Pedal	In-C USB MidiSport 4x4	1	C00	G9	0	Note	0	1
<auxiliary>	Omni	16						

The final step is to transpose the keys within each split range to provide the overlapping keys needed for organ literature. The following screen shows the keys of the Accompaniment portion of the keyboard transposed up one octave and the keys of the Solo portion of the keyboard transposed down one octave by the highlighted settings:

Right-click to select MIDI input devices and channels:

Clavier	MIDI input device	Chan	Low	High	Trans	2nd Touch	Pres	Chan
Solo	In-A USB MidiSport 4x4	1	G4	G9	-12	Chan	0	1
Accomp.	In-A USB MidiSport 4x4	1	C00	F#4	12	Chan	0	1
Pedal	In-C USB MidiSport 4x4	1	C00	G9	0	Note	0	1
<auxiliary>	Omni	16						

The following picture shows how the keyboard keys relate to the on-screen keyboards for the above settings:



Note that middle C (red dot) on the keyboard is one octave below middle C (blue dot) on the Solo and one octave above middle C on the Accompaniment. Because of the transpositions there are two octaves of overlapping keys from G3 to F#5.