Sound Control - 4 : New Sounds in Revision 35 – Part 2

In this article we shall be looking at the following sounds:

Vocals Aah
Vocals Aah Woman
Vocals Ooh Woman
Vocals Opera
Trumpet Mariachi

In each case the factory settings for each of the six Sound Control parameters will be presented in a table from my own Sounds database. The result of adjusting each of the parameters will be outlined with some recommendations of suitable values to achieve particular results. The comments are, of course, just my opinion!

Vocals Aah : 093-000-082

This is another Choral sound to add to the list. As the title says, it's an "Aah" sound being sung and it's possible to select a suitable register and play in a suitable way so that it appears to be either a male, a female or a mixed choir. Here are the Sound Control default settings:

SC Number	SC Parameter	SC Inst Value
1	Release	42
2	Attack	0
3	Detune	0
4	Tone	127
5	Octave	0
6	Color	63

Attack and **Release** have their usual functions. The default **Release** value imparts a suitable reverb to the sound plus there is a default Reverb 1 setting of approximately 90. Increasing the Release value of 42 just slightly soon gives a "bathroom" effect so its adjustment should be treated carefully. A range of 37 to 50 provides appropriate results.

Attack can be increased to provide a most effective "lazy" choir sound, values up to around 24 being most appropriate.

Detune provides a most subtle effect, giving an impression that all is not quite well when at its maximum of 127 without being able to identify any definite change of pitch.

Tone provides a gradual reduction in high frequencies from 70 down to a value of around 40. Below that the effect becomes much more dramatic resulting in a sound unlikely to be usable. Between 70 and 40 there exists some differently sounding choirs.

Octave seems to have no effect.

Color has a continuous effect, from a mellow choir at low values to a "Donald Duck" effect at high values.

If Aftertouch is ticked for this sound it has the usual Wersi Vocal Aftertouch effect of rising a semitone in pitch as more pressure is placed on the key.

Vocals Aah Woman : 093-000-083

This has to be played within a female choir register. It doesn't sound at all right if played in a male choir register area. Apart from that, it is very similar to the previous sound but less bright and more rounded. Here are the Sound Control default settings:

SC Number	SC Parameter	SC Inst Value
1	Release	42
2	Attack	0
3	Detune	0
4	Tone	127
5	Octave	0
6	Color	63

It's the same parameters and values as the previous sound. All the comments about the previous sound apply here also, with the addition that **Color** has perhaps more possibilities in its lower values.

Vocals Ooh Woman : 093-000-084

The same points as applied to the previous sound also apply here. Here are the Sound Control default settings:

SC Number	SC Parameter	SC Inst Value
1	Release	42
2	Attack	0
3	Detune	0
4	Tone	127
5	Octave	0
6	Color	63

The above table should come as no surprise, nor that the comments previously made apply equally here also. **Color** this time has a far greater range of acceptability, even the high values.

Vocals Opera : 093-000-085

This is different in that a distinct vibrato is noticeable whose depth increases above Middle C at 8' pitch. G3 and above show a distinct vibrato. Here are the Sound Control default settings (no surprises!):

SC Number	SC Parameter	SC Inst Value
1	Release	42
2	Attack	0
3	Detune	0
4	Tone	127
5	Octave	0
6	Color	63

All the comments about the previous sounds still apply but here **Color** is usable through about 95% of its range.

Trumpet Mariachi : 093-000-087

Listed as Trompete Marichi in the Wersi database, this is a great surprise, especially after George Bolton provided us all with an edited Trumpet sound as a Mariachi Trumpet. Here, now, is a Wersi sampled sound. Here are the default Sound Control parameters:

SC Number	SC Parameter	SC Inst Value
1	Release	24
2	Attack	0
3	Color	63
4	Tone	127
5	Vibrato	60
6	Mono Poly	0

Release, as usual, provides an increased reverb above the Instrument Reverb 1 value of around 100. There is also an Inst value of around 30 for Delay.

Attack you would not really wish to be a higher value than 0 for a Trumpet.

Color provides a considerable range, from a very mellow trumpet at low values (not Mariachi at all) to a very astringent trumpet at high values (again, not very Mariachi).

Tone, as the value drops below 50, introduces a Wah effect into the sound. There is no change in sound above around 60.

Vibrato alters the vibrato speed, not depth. Low values, slow speed etc. There is a built-in vibrato delay to the sound and Aftertouch makes no difference.

Mono Poly is polyphonic between 0 and 63 and monophonic between 64 and 127.

In the next article in this series we shall be looking at the next five sounds in this set:

Trumpet Live
Classical Piano
Jazz Guitar Django
Sax Tenor Live
Gypsy Violin

In the meantime, enjoy your explorations.

Colin
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