

Expanded Schantz Organ

Dr. Les Deutsch

The First Baptist Church of Riverside (FBR) Schantz Three Manual Organ has been a favorite Hauptwerk sample set for many years. With its recent price reduction, many more people will be discovering this organ. It is an "American Classic" style instrument with a small amount of reverberation (semi-dry acoustics).

My Expanded Schantz Organ recasts the sampled ranks from the FBR instrument into a larger specification that fills in some gaps in the original. There is, however, no unification in the resulting instrument. The new disposition is quite complete for a three-manual American Classic instrument. It retains a definite Schantz sound while not imitating any particular instrument.

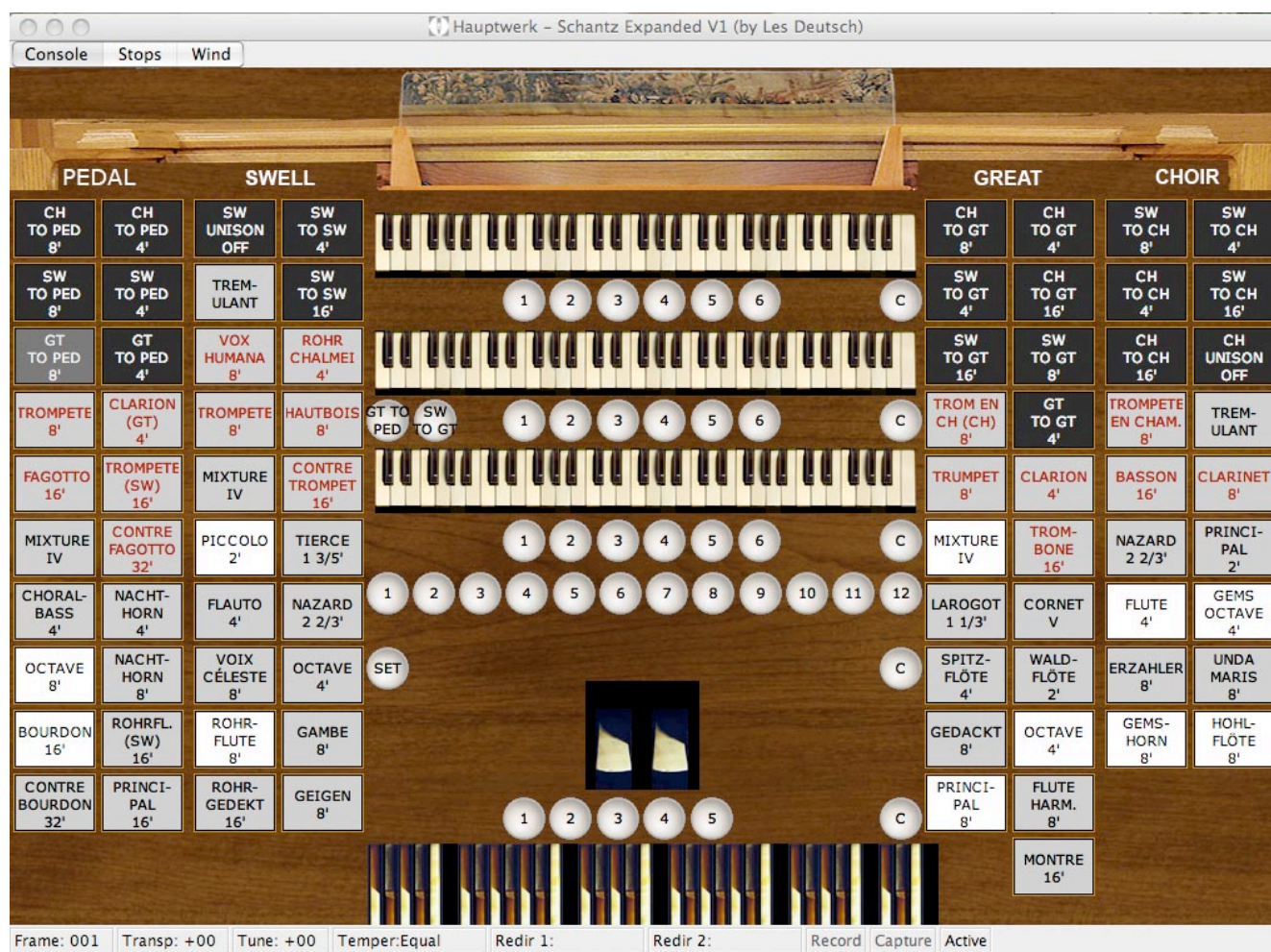
The specification is:

Pedal	Choir (Expressed)	Great	Swell (Expressed)
32' Contre Bourdon	8' Gemshorn	16' Montre	16' Rohrgedekt
16' Principal	8' Hohlflöte	8' Principal	8' Geigen
16' Bourdon	8' Erzähler	8' Flute Harmonique	8' Rohrflute
16' Rohflute (Sw)	8' Unda Maris	8' Gedackt	8' Gambe
8' Octave	4' Gems Octave	4' Octave	8' Voix Celeste
8' Nachthorn	4' Flute	4' Spitzflöte	4' Octave
4' Choralbass Bass	2 2/3' Nazard	2' Waldflöte	4' Flauto
4' Nachthorn	2' Principal	1 1/3' Larigot	2 2/3' Nazard
Mixture III	16' Basson	Cornet V	2' Piccolo
32' Contre Fagotto	8' Clarinet	Mixture IV	1 3/5' Tierce
16' Fagotto	8' Trumpet En Chamade	16' Trombone	Mixture IV
16' Contre Trumpette (Sw)	Tremulant	8' Trumpet	16' Contre Trompette
8' Trompete	16' Choir to Choir	4' Clarion	8' Trompete
4' Clarion (Gt)	Choir Unison Off	8' Tromp en Cham (Ch)	8' Hautbois
8' Great to Pedal	4' Choir to Choir	4' Great to Great	8' Vox Humana
4' Great to Pedal	16' Swell to Choir	16' Swell to Great	4' Rophr Schalmei
8' Swell to Pedal	8' Swell to Choir	8' Swell to Great	Tremulant
4' Swell to Pedal	4' Swell to Choir	4' Swell to Great	16' Swell to Swell
8' Choir to Pedal		16' Choir to Great	Swell Unison Off
4' Choir to Pedal		8' Choir to Great	4' Swell to Swell
		4' Choir to Great	

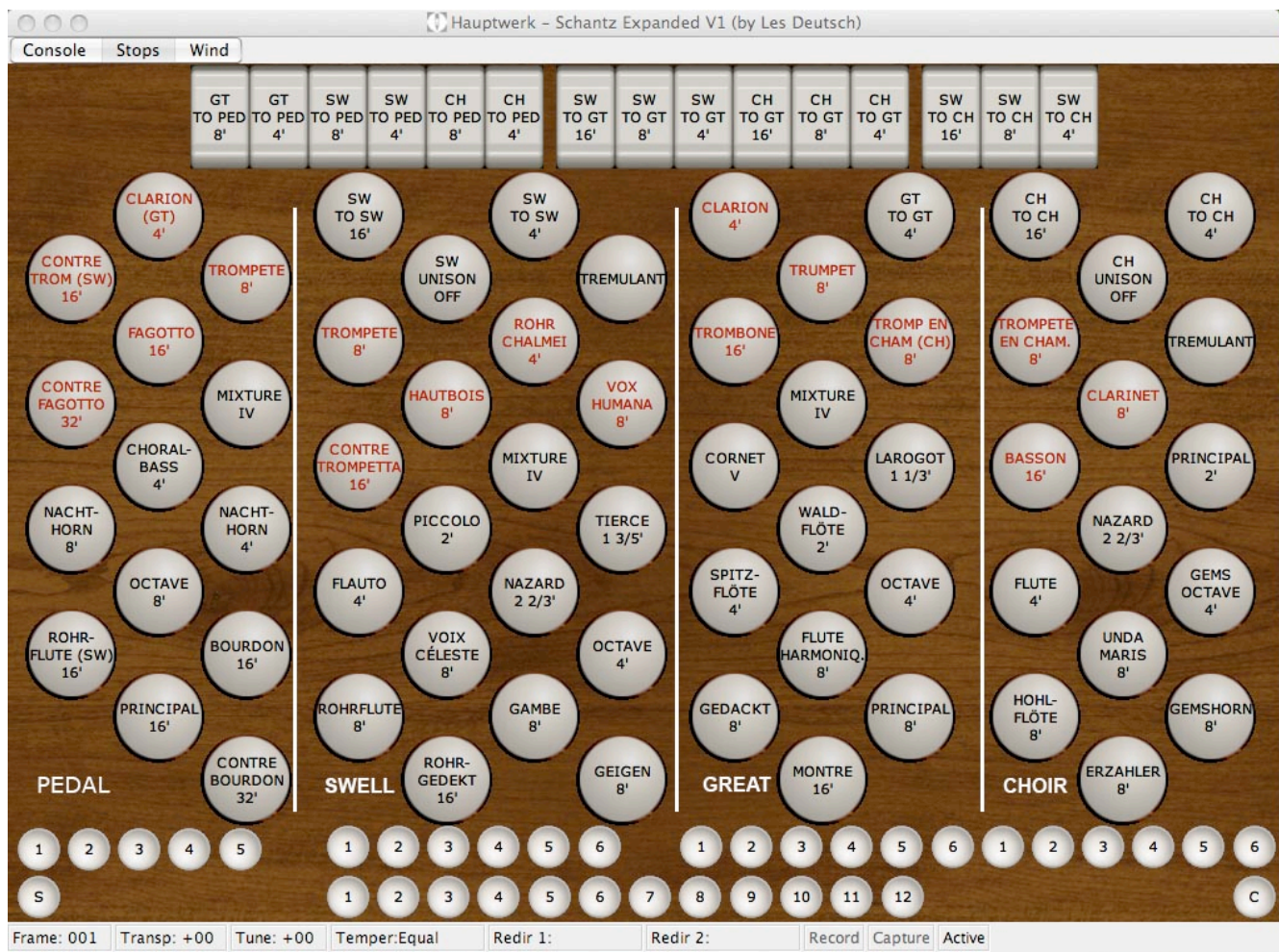
Some borrowing of ranks between divisions was used and this is indicated on the stoplist. The Vox Humana was moved from the Choir to the Swell. The 2' Principal was moved from

the Swell to the Choir. Several stops were created by combining pipes from two of the original ranks, transposing as appropriate, and carefully working the transition notes in amplitude. These new stops are the Swell 8' Geigen and 4' Flauto, and the Choir Gems Octave. The Choir 8' Hohflöte uses the samples from the Swell 8' Rohflöte. In order to keep them from sounding identical, I brightened the Choir stop and made it a different volume level. Since there is no unification, one can couple these two stops together to create a flute ensemble. I also added the remainder of the standard American Classic couplers.

Since my own touch-screen monitor is only 15" (a size which fits nicely above a side-jamb of a typical organ) all my screens are sized to fit. The resolution is 1024 x 768. Here is the console view:



and, here is the “Stops” view:



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