

Notes from Dr. Charles Callahan, designer and voicing and tonal finishing coordinator

SANCTUARY organ is a combination of pipes and electronics, unit and digital stops.

GALLERY organ is a "straight" organ ^ only one stop is unified (Pedal Bourdon at 32-16-8

Pedal Diapason will also be a unit - 16-8-4.

Unit Organs - Unification - an expedient where space and funds are limited. (Sanctuary)

Discrete choice of stops can obviate the unification.

HINTS FOR ORGANISTS

AVOID SUPER COUPLERS (4') on unified stops!

REMEMBER - SANCTUARY organ is MUCH more "present" in the room, than you might think from the console!

A lovely solo combination:
Sw. 8' Bourdon and 2 2/3' Nasard.

HAUTBOIS (Oboe) is also beautiful :
solo or in ensemble.

#1: Principal (visible - not expressive - in case)
85 pipe unit - plays at 8-4-2' on Great and 8 and 4' in Pedal

(Principal also called Diapason - backbone of organ;
Great Principal Chorus: 8-4-2' Principals and Mixture)

Gemshorn (in Swell box - tapered pipes)
#2: 61 pipes - plays at 8' on Great and 8 and 4' in Sw.

tapered pipes make good blenders as they are
voiced to be either halfway between Principal and Flute tone
or between Flute and String tone (St. Peter's)

REMEMBER:

ALL of the Sanctuary Organ
EXCEPT the Principal 8'- 4'-2'
expresses with the Sw. pedal!

#3: Bourdon (Flute - in Swell box)

85 pipes - stopped wood in bass, merging into stopped
metal and then open metal flutes.

CAUTION!

Do NOT slam Sw. box! Use gently;
"The proper position of the Sw.
shoe is in motion."

Most yersatile - plays at 5 pitches

good blender at 8' pitch with Hautbois or Gemshorn

"Cornet " - 5 ranks - 8-4-2 2/3' - 2 - 1 3/5' is

classic Baroque solo stop - on some large organs this is
on one single drawstop.

Digital stops: voiced and tone finished to blend with pipe ranks to provide wider spectrum of both solo colors and en semble sounds. Some suggestions follow;

Chimes - only single notes - never in chords. Gemshorn Celeste - goes with Gemshorn ONLY.

Mixture III - avoid using except in very full ensembles for big postludes!

Festival Trumpet - single notes only on Swell manual as a solo stop - does NOT couple!

Sw. 8' Bourdon and 4' Gemshorn OR 4' Flute - good to accompany Cantor. 4' gives pitch to singers

Ventil¹ - shuts connection between console and Gallery/
Sanctuary organ - very useful for quick changes

Crescendo Pedal - use VERY sparingly.

SFZ and Tutti - once or twice a year!

RESTRAINT in the use of stops is the outstanding characteristic of a colorful registration. The greater the number of stops in a combination, the more ordinary and colorless the ensemble sound becomes. For color AND for very clear ensembles, use but one stop to each pitch. This is especially important above 8' pitch.



-s

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