



ÉGLISE DES
ST-MARTYRS
CANADIENS, QUEBEC
CANADA

DESCRIPTION
OF THE ORGAN
BUILT
AND INSTALLED
BY

Casavant Frères

ST. HYACINTHE, QUE. - CANADA

LIMITÉE

A Description of the Organ

L'église des Saints Martyrs Canadiens is a large building of Roman Architecture seating about one thousand persons. It is provided with a large West Gallery in which the new organ has been installed.

The organ itself is remarkable for its tonal structure, its architectural design and the remarkable quality of the ensemble as well as of the individual voices. It is largely inspired by French tradition and the treatment of the Principal stops, of the compound stops, and of the reeds, pays homage to the great French builders of past centuries.

Disposed in functional arrangement, the composition of the instrument is evident at a glance. The two enclosed divisions (Recit and Choral) are below, the Grand Orgue and Positif above. The large Pedale is at the sides. The case is of oak, finished with a light stain inside and out. All framing is of oak. The sound boxes around each division assist in blending and projecting the sound; all front pipes are Principal stops and are of spotted metal except for the three in the centre tower. Many of the stops in the organ are of spotted metal down to 8-foot C.

The design of the organ is along traditional lines. Individual stops have been treated to provide sounds of great beauty and to blend in innumerable combinations of remarkable brilliance and richness. There are no extremes of loud or soft in the organ. Power is obtained by the build-up of the ensemble, devoid of heaviness, yet majestic and grand.

The Grand Orgue has complete Principal, Flute and Reed Choruses. It has two compound stops and the Grand Cornet of five ranks which starts at low C and is mounted on a separate chest. Specially designed expansion chambers are provided for each pipe of the Principal stops throughout the organ.

The Recit also has Principal and Flute families, plus Strings and Chorus reeds, and a Voix Humaine. The reeds in this division are very bright, although voiced on relatively low pressure ($3\frac{1}{4}$ ins.).

Much care has gone into the composition and scaling of the Positif to make it fulfill its role in French organ literature. It has a Principal chorus, based on the 8' Montre, a flute Chorus, mutations forming the traditional "Cornet décomposé", as well as a Cromorne and Chalumeau. This Cornet is smaller in Scale than the Grand Cornet, although both are based on flute tone.

The Choral is an additional division for accompaniment. It is under expression, and will play from the fourth, or topmost, keyboard.

All seventeen stops in the Pedale are complete, without extension or borrowing. There is only one 32-ft. stop, the Bombardon, which is complemented by 16-ft., 8-ft., and 4-ft. stops of the same family. There are four 16-ft. flute stops, graded down from the Principal to the Gemshorn, three independent 8-ft. stops, two 4-ft. stops and two mixtures. A 4-ft. Hautbois is provided for Solo use.

The Organ has, in all, 68 stops composed of 94 ranks and 5,046 pipes. There are 35 ranks of compound stops and 17 reeds. It is voiced on low pressures (Grand Orgue $2\frac{3}{4}$ ins., Recit $3\frac{1}{4}$ ins., Positif $2\frac{1}{4}$ ins.), without nicking.

The tonal design of the organ was by Claude Lavoie, organist at Sts. Martyrs, and Lawrence I. Phelps, Tonal Director, Casavant Frères Limitée.

GRAND ORGUE --

	ft.	pipes
1 - Montre	16	61
2 - Montre	8	61
3 - Bourdon	8	61
4 - Gemshorn	8	61
5 - Prestant	4	61
6 - Flûte à cheminée	4	61
7 - Quinte	2 ² / ₃	61
8 - Doublette	2	61
9 - Flûte à Bec	2	61
10 - Cornet V	8	255
11 - Fourniture IV	1 ¹ / ₃	244
12 - Cymbale IV	² / ₃	244
13 - Bombarde	16	61
14 - Trompette	8	61
15 - Clairon	4	61

- RECIT - (expressif)

	ft.	pipes
16 - Bourdon	16	61
17 - Principal Etroit	8	61
18 - Viole de Gambe	8	61
19 - Voix Céleste	8	61
20 - Flûte à cheminée	8	61
21 - Octave	4	61
22 - Flûte Conique	4	61
23 - Octavin	2	61
24 - Cymbale IV		244
25 - Plein Jeu IV	2	244
26 - Basson	16	61
27 - Trompette	8	61
28 - Hautbois	8	61
29 - Clairon	4	61
30 - Voix Humaine	8	61

Trémolo

POSITIF --

	ft.	pipes
31 - Quintaton	16	61
32 - Montre	8	61
33 - Flûte Bouchée	8	61
34 - Prestant	4	61
35 - Flûte à Fuseau	4	61
36 - Nazard	2 ² / ₃	61
37 - Principal Italien	2	61
38 - Tierce	1 ³ / ₅	61
39 - Larigot	1 ¹ / ₃	61
40 - Sifflet		61
41 - Fourniture IV		244

42 - Cymbale III	1/2	183
43 - Cromorne	8	61
44 - Chalumeau	4	61

- CHORAL (expressif) -

45 - Salicional	8	61
46 - Cor de Nuit	8	61
47 - Flûte de Concert	8	61
48 - Gemshorn	4	61
49 - Nachthorn	4	61
50 - Flûte des Bois	2	61
51 - Cor Anglais	8	61

Trémolo

- PEDALE

52 - Principal	16	32
53 - Subbass	16	32
54 - Quintaton	16	32
55 - Gemshorn	16	32
56 - Octave	8	32
57 - Bourdon	8	32
58 - Gemshorn	8	32
59 - Octave	4	32
60 - Flûte Couverte	4	32
61 - Fourniture III	4	96
62 - Cymbale IV	11 ¹ / ₃	128
63 - Bombardon	32	32
64 - Bombarde	16	32
65 - Rankette	16	32
66 - Trompette	8	32
67 - Clairon	4	32
68 - Hautbois	4	32

- COUPLERS -

Grand Orgue à la Pédale 8
Récit à la Pédale 8
Positif à la Pédale 8
Choral à la Pédale 8
Choral à la Pédale 4
Récit au Grand Orgue 8
Positif au Grand Orgue 8
Choral au Grand Orgue 8
Grand Orgue muet
Récit au Positif 8
Choral au Positif 8
Positif muet
Choral au Récit 8
Positif au Récit 8
Positif au Choral 8
Pédale muette

— REVERSIBLE PISTONS —

- Grand Orgue à la Pédale (toe and thumb)
- Récit à la Pédale (thumb)
- Positif à la Pédale (thumb)
- Positif au Grand Orgue (thumb)
- Récit au Grand Orgue (thumb)
- Récit au Positif (thumb)
- Grand Orgue muet (thumb)
- Pédale muette (toe)
- Anches Grand Orgue et Pédale muettes (toe)
- Grand Jeu (toe)
- Positif muet (thumb)

Special tablet to transpose the Grand Orgue and Positif Keyboards including Couplers and Pistons.

— ADJUSTABLE COMBINATIONS —

- 1, 2, 3, 4, 5, 6 to Grand Orgue
- 1, 2, 3, 4, 5, 6 to Récit
- 1, 2, 3, 4, 5, 6 to Positif
- 1, 2, 3, 4, to Choral
- 1, 2, 3, 4, 5, 6 to Pédale (thumb and toe)
- 1, 2, 3, 4, 5, 6 Generals (thumb and toe)
- A, B Generals (toe only)

General Cancel

Adjuster

Cancels on each keyboard, placed near the appropriate jamb, on the key cheeks.

— BALANCED PEDALS —

- Récit Expression
- Choral Expression
- Crescendo

— INDICATORS —

- Wind (light)
- Full Organ (light)
- Pédale Muette (light)
- Crescendo (dial indicator)
- Anches muettes (light)
- Grand Orgue and Positif interchanged (light)

— KEYBOARD ARRANGEMENT —

Normal :	Interchanged :
Lowest : Grand Orgue	Lowest : Positif
Positif	Grand Orgue
Récit	Récit
Choral	Choral

Electro-pneumatic mechanism

**The
CONSOLE**

