



R. A. Denton & Son PIPE ORGAN BUILDERS

140 MOUNT ALBION ROAD • HAMILTON ONTARIO • CANADA L8K 5S8 • PHONE 561-1331

CUSTOM BUILT ORGANS
REBUILDING AND ADDITIONS
TUNING
MAINTENANCE TO ALL MAKES
CHIMES
PIANOS

PIPE ORGAN RENOVATION and ENHANCEMENT PROJECT, Knox Presbyterian Church, Dundas Ontario.

The 3-manual, 36-rank pipe organ planned for Knox Presbyterian Church is being built and installed in stages as funds become available. As of June 1997, 17 ranks of the planned 36 ranks of pipes have been installed. The new 3-manual console has all of the switching for the completed organ. (Please see the STOPLIST SPECIFICATION. Stops underlined have not been installed as yet.)

PROJECT SUMMARY

STAGE ONE: (Completed Spring 1991). The 2-manual, 13-rank Casavant pipe organ purchased from St. Mark's Anglican Church Hamilton, was refurbished and installed in Knox Church. All organ bellows were releathered at this time.

STAGE TWO: (Completed September 1993). A new 3-manual console built by R. A. Denton & Son was installed. This console contains all the solid-state switching required for the final completed stoplist specification. (For more details, please see CONSOLE SPECIFICATIONS.)

STAGE THREE: (Completed September 1994). The enlargement of the Swell division was completed with the addition of four ranks of pipes which form the following stops:

Traverse Flute 4',
Lieblich Nasat 2-2/3', (Larigot 1-1/3' EXT),
and Cornet II (2', 1-3/5').

STAGE FOUR (A): (Fall 1997). These additions to Pedal division of the organ will incorporate the remaining stored hardware from the old Knox pipe organ. The stops which will be added are: Pedal DIAPHONE 16' (notes #1 to #12); Pedal GEDECKT 8'; Pedal SESQUIALTERA III; and Pedal ACOUSTIC SUB BASS 32' (Resultant).

STOPLIST SPECIFICATION: Knox Presbyterian Church, Dundas Ontario.

SWELL

8' Geigen Principal (TC)
8' Stopped Diapason
8' Viola da Gamba
8' Voix Celeste
4' Traverse Flute
4' Dolce Flute
2-2/3' Flute Twelfth
2' Piccolo
1-1/3' Larigot (ext Ft. Twelfth)
II Cornet (2', 1-3/5')

8' Oboe

Tremulant

Swell Sub
Swell Unison Off
Swell Super
BLANKS (3)

CHOIR

8' Offenflote
8' Flote Celeste (TC)
4' Salicet
4' Gemshorn
2-2/3' Viol Twelfth
2' Gemshorn (ext)

Tremulant

8' Krumhorn (or Clarinet)
8' Oboe Gamba

Choir Sub
Choir Unison Off
Choir Super

BLANKS (4)

GREAT

8' Open Diapason
8' Geigen Principal
8' Clarabella
8' Dulciana
4' Geigen Principal (ext)
4' Principal
4' Lieblich Flute
2-2/3' Nazard
2' Fifteenth
III Fourniture
(2', 1-1/2', 1')

8' Harmonic Trumpet
4' Clarion

Chimes

Great Sub
Great Unison Off
Great Super
BLANKS (2)

PEDAL

32' Acoustic Sub Bass
16' Diaphone
16' Bourdon
16' Violone
8' Geigen Principal (GT)
8' Bourdon (ext)
8' Gedeckt
8' Oboe Gamba (CH)
4' Geigen Principal (GT)
4' Gemshorn (CH)
III Sesquialtera
(5-1/3' Twelfth)
(4' Octave)
(3-1/5' Tierce)
32' Contra Bombarde (Elec)
16' Trombone
8' Trumpet (GT)
8' Krumhorn (CH)
BLANKS (1)

STOPLIST SPECIFICATION: Knox Presbyterian Church, (cont.).

COUPLERS (Tilting Tablets on front rail)

Swell to Great 16'	Great to Pedal 8'
Swell to Great 8'	Great to Pedal 4'
Swell to Great 4'	Swell to Pedal 8'
Choir to Great 16'	Swell to Pedal 4'
Choir to Great 8'	Choir to Pedal 8'
Choir to Great 4'	Choir to Pedal 4'

Swell to Choir 16'
Swell to Choir 8'
Swell to Choir 4'



CONSOLE SPECIFICATIONS: Knox Presbyterian Church, Dundas Ontario.

The new console is a custom designed, 3-manual drawknob console in solid oak with walnut trim. The console has a roll top, a bench and a movable platform, also in solid oak. Outlined below is a brief description of this new hardware.

The console contains:

- the new Peterson ORGA-PLEX solid-state switching for all couplers and "unit" stops for the full 36-rank specification. (This includes a TRANSPOSER).
- sixty-eight drawknob actions.
- fifteen tilting tablets
- three full size manual keyboards with "tracker" touch.
- thirty-two note AGO pedalboard
- a Peterson Multiple Memory "DUO-SET" combination/piston action with 71 piston buttons.
- Swell Expression Pedal
- Choir Expression Pedal
- Crescendo pedal

Specifications for New Combination/Piston System

Type: Peterson Solid-State "DUO-SET" multiple memory system.
(Stop combinations are fully adjustable by the organist using either the SET piston or the "Tripper" method.)

Number of Piston Buttons:

- 9 Swell division (thumb buttons including divisional cancel)
- 9 Great division (thumb buttons including divisional cancel)
- 9 Choir division (thumb buttons including divisional cancel)
- 9 Pedal division (toe studs including divisional cancel)
- 10 Generals (10 thumb buttons and 10 toe studs)
- 2 Swell to Pedal reversibles (thumb and toe stud)
- 2 Great to Pedal reversibles (thumb and toe stud)
- 2 Great to Pedal reversibles (thumb and toe stud)
- 2 Swell to Great reversibles (thumb and toe stud)
- 2 Swell to Choir reversibles (thumb and toe stud)
- 1 SET (thumb button)
- 2 Sforzando (Full Organ, thumb button and toe stud).
- 2 CANCEL (thumb button and toe stud).

Indicator Lights: Power On
Full Organ On
Signal
5 Crescendo lights
Clock

Controls: Transposer
Chimes Volume
Digital Multiple Memory
Memory Lockout
Key Lock On/Off