

LOUGHTON VISCOUNT 80

Pedal		Great		Swell		Choir	
Sub Bass	32	Double Diapason	16	Bourdon	16	Open Diapason	8
Open Wood	16	Open Diapason I	8	Open Diapason	8	Lieblich Gedackt	8
Open Metal	16	Open Diapason II	8	Chimney Flute	8	Unda Maris	8
Violone	16	Hohl Flute	8	Echo Gamba	8	Salicional	8
Bourdon	16	Stopped Diapason	8	Voix Celeste	8	Vox Angelica	8
Principal	8	Principal	4	Principal	4	Gemshorn	4
Bass Flute	8	Harmonic Flute	4	Wald Flute	4	Suabe Flute	4
Choral Bass	4	Twelfth	2-2/3	Nazard	2-2/3	Flageolet	2
Mixture	IV	Fifteenth	2	Fifteenth	2	Larigot	1-1/3
Contra Bombarde	32	Mixture	IV	Tierce	1-3/5	Sesquialtera 12.17	II
Trombone	16	Sharp Mixture	III	Mixture	IV	Mixture	III
Bassoon	16	Double Trumpet	16	Contra Fagotto	16	Clarinet	8
Trumpet	8	Trumpet	8	Cornopean	8	Tuba	8
Clarion	4	Clarion	4	Oboe	8	Tremulant	
Great to Pedal		<i>Tremulant</i>		Vox Humana	8	Swell to Choir	
Swell to Pedal		Swell to Great		Clarion	4		
Choir to Pedal		Choir to Great		<i>Tremulant</i>			

Manuals	3 x 61 note Tracker Touch keyboards with velocity control for MIDI and Orchestral voices
Pedalboard	32 note Straight, Straight concave or Radiating concave
Stops	57 stop tabs
Voicing Controls	Stop volume - Attack time - Release detune - Tracking keyboard volume - Ensemble tuning - Possibility of sending the voices to 4 different outputs (simulation of a windchest configuration, with 4 presets)
Orchestral Voices	See specification. Any orchestral voice can be replaced by another from the standard list
Orchestral Voice Controls	Volume, Brightness, Octave transposer, Keyboard range adjustment
Polyphony	512 notes for Organ Voices, 40 notes for Orchestral Voices
General Memories	10 pistons with 8 programmable memories

ORGAN SPECIFICATION

Divisional Memories	6 pistons with 8 programmable memories + HR for each division (Swell, Great, Choir, Pedal)
Tutti	Programmable
Crescendo	16 steps, programmable
Thumb Pistons	10 General thumb pistons and 6 for each division (Swell, Great, Choir and Pedal). Memory + and -, Set, Cancel, Couplers, Auto Pedal, Tutti, Enclosed, Organ Solo and MIDI Solo
Volume Controls	General, Great, Swell, Pedal, Orchestral, Reverb
Toe Pistons	10 General, 6 couplers, Memory + and -, Tutti, MIDI Reverse, MIDI/Orchestral Sustain
Expression Pedals	Choir, Swell and Crescendo with LED display on central panel
Cancel	Mixtures and Reeds
Manual Reverse	Choir and Great
Memo Couplers	Swell with Pedal
Temperaments	Equal, Meantone, Chaumont, Werckmeister, Kirnberger, Pythagorean, Vallotti, Kellner
Transposer	minus 6 / plus 5 semitones
Reverb	8 different types of Digital reverb. Optional Yamaha AFC Reverb (Active Field Control)
Equalizer	5 bands (digital) for the internal amplification and for each external output
Audio Outputs	8 main and 4 antiphonal Out Jacks, 2 RCA (L/MONO, R) Outputs
Audio Sections Enable	Separate enabling controls for Console, Main and Antiphonal speakers
Inputs	2 programmable jack inputs, 1 jack microphone Input with gain control, 2 RCA (L/MONO, R) inputs
MIDI	In - Out - Thru
MIDI Controls	2 selectable output and input channels for each section, Program Change, Adjustment of the key dynamic - transposer, filter
Output Controls	Volume, 5-band Equalizer, Delay time for each output
Floppy Disk Drive	3.5" DD (720 Kb) and HD (1.44 Mb), MS-DOS formatted Floppy
File Controls	Read, format, copy, save (settings and memories), load settings and memories, cancel, rename and file check
Sequencer	with 5 independent tracks, till 60000 events, 1292 t.p.q.n. resolution, save on disk as Standard Midi File Format 1
Remote Control (optional)	For playing recorded sequences. General volume control for organ
Internal Amplification	5 amplifiers for a total of 400 W, 7 amplifiers for a total of 460 W for organ with AFC Reverb. Delay time for each manual