

viscount
Classical
organs



Cadet 31-S(27)





Principal Features

- 2 x 61 note tracker touch keyboards, velocity sensitive for midi voices
- 27 note straight and radiating pedal board
- 31 tilt tab speaking stops with 110 alternative voices from internal memory bank
- 5 preset organ styles (English, Baroque, Symphonic, Romantic 1 and Romantic 2)
- 2 user defined variable styles
- 6 alternative temperaments

Playing Aids

- Great and Pedal expression
- Swell expression pedal
- 6 general pistons
- 6 divisional pistons to Sw, Gt and Pedal
- 8 capture memories
- Auto pedal and Gt/Ped enclosed pistons
- Keyboard inversion and Transposes -6/+5 semitones
- Fully adjustable Tremulants (speed and depth)
- Sw/Ped, Gt/Ped and Sw/Gt reverser pistons
- Ped on Gt pistons combined

Display and Software Features

- Backlight display with 6 button control to access all organ choice and set up features

Dimensions and Finishes

- Dark oak simulated wood veneer with vinyl roll cover
- 125cm (W) 113cm (H) 63cm (D) 96cm with pedal board
- Weight 101kg

Audio System and Sound Management

- Independent volume adjustment of each division
- Independent volume adjustment of each stop
- 3 internal speakers 2 full range and 1 woofer
- 3 x 70 watt internal amplifiers
- Internal 5 band graphic equaliser
- Fully adjustable reverberation with 8 levels
- Stereo headphone output socket
- External outputs to 2 channels
- Midi in-out-through

Cadet digital organs from Viscount

Cadet instruments are based on the well established system of sampled sound used by most manufacturers. These organs reproduce a recording of a real organ pipe, which was either taken in situ from a pipe organ, or occasionally from pipes especially set up for providing samples for a digital organ.

All Cadet instruments allow for a degree of personal voicing at the console. Every instrument has its own library of alternate stop voices so you can select each stop from a range of alternatives, usually from the same tonal family, although some stops allow a wider selection.



Having selected the voice it is then possible to alter the volume of each individually so that the relative balance between voices is perfectly achieved. The volume of the Pedal and Great divisions can be adjusted on block relative to the Swell, so enabling the divisional balance to be achieved relatively easily. All larger Cadet organs also have an expression pedal that controls the volume of the Great and Pedal in addition to a conventional Swell expression pedal.

Finally a degree of tonal adjustment is possible by use of a graphic equaliser that allows the volume of various frequency ranges to be changed. For example, if additional base levels are required to suit different acoustics. Adjustment may also be needed for higher frequency sounds which can be tapered effectively by use of the equaliser.



Keyboard Options

Our keyboards are available in a range of shapes, sizes and weights. Since the feel of each keyboard and its action are important to the control of the instrument, we select only the finest components to ensure the touch is consistent, comfortable and rewarding to play.

The Viscount standard keyboards are all constructed with a simulated tracker touch and we always recommend a solid filled key that has its own weight and inertia. We also offer wood filled keyboards that would be found on a traditional pipe organ.

Viscount has also developed a tracker type response to key speed in their physical models. When this is enabled, the starting transient is influenced by the speed that the key is activated, just as you would hear on a pipe organ.



Viscount standard black and cream resin keyboards



Fatar standard wood-veneered, reverse-colour, baroque-style keyboards



Fatar style TP60LR white and black plastic keyboards



Fatar style TP60LW solid wood filled cream and ebony keyboards



English Specification

Pedal (10 Stops)

Open Wood	16
Open Metal	16
Bourdon	16
Principal	8
Bass Flute	8
Choral Bass	4
Mixture	IV
Trombone	16
Trumpet	8
Clarion	4

Great (10 Stops)

Double Diapason	16
Open Diapason	8
Claribel Flute	8
Principal	4
Harmonic Flute	4
Twelfth	2.2/3
Fifteenth	2
Tierce	1.3/5
Full Mixture	IV
Trumpet	8

Swell (11 Stops)

Rohr Flute	8
Salicional	8
Voix Celeste	8
Principal	4
Stopped Flute	4
Flageolet	2
Mixture	IV
Contra Fagotto	16
Cornopean	8
Oboe	8
Clarion	4





Romantic 1 Specification

Pedal (10 Stops)

Montre	16
Bourdon	16
Violone	16
Principal	8
Bass Flute	8
Flute	4
Mixture	V
Ophicleide	16
Trumpet	8
Clarion	4

Great (10 Stops)

Principal	16
Montre	8
Claribel Flute	8
Octave	4
Transverse Flute	4
Twelfth	2.2/3
Doublette	2
Sesquialtera	II
Mixture	IV
Clarinet	8

Swell (11 Stops)

Leiblich Flute	8
Viola da Gamba	8
Voix Celeste	8
Prestant	4
Harmonic Flute	4
Wald Flute	2
Plein Jeu	IV
Double Trumpet	16
Vox Humana	8
Oboe	8
Clarion	4





Baroque Specification

Pedal (10 Stops)

Open Metal	16
Subbass	16
Gedeckt	16
Octave Bass	8
Gedeckt	8
Choral Bass	4
Mixture	IV
Bombarde	16
Trumpet	8
Dulcian	8

Great (10 Stops)

Quintadon	16
Principal	8
Rohr Flute	8
Prestant	4
Rohr Flute	4
Twelfth	2.2/3
Doublette	2
Sesquialtera	II
Full Mixture	IV
Cromorne	8

Swell (11 Stops)

Wood Flute	8
Gamba	8
Voix Celeste	8
Octave	4
Rohr Flute	4
Wald Flute	2
Sharp Mixture	III
Double Trumpet	16
Trumpet	8
Vox Humana	8
Clarion	4





Symphonic Specification

Pedal (10 Stops)

Violon	16
Subbass	16
Bourdon	16
Octave Bass	8
Bass Flute	8
Choral Bass	4
Mixture	V
Ophicleide	16
Trumpet	8
Clarion	4

Great (10 Stops)

Double Diapason	16
Principal	8
Wood Flute	8
Principal	4
Saube Flute	4
Twelfth	2.2/3
Doublette	2
Larigot	1.1/3
Mixture	V
Trumpet	8

Swell (11 Stops)

Chimney Flute	8
Echo Gamba	8
Voix Celeste	8
Principal	4
Stopped Flute	4
Flageolet	2
Full Mixture	IV
Double Trumpet	16
Trumpet	8
Oboe	8
Clarion	4



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