LEGEND SERIES VERSION HISTORY

CURRENT RELEASE: 1.6 (10/10/2018)

- This is the first release to support the "**LEGEND EDITOR**" application. Thanks to Legend Editor the user can adjust the sound of the Legend in real time and save all sound generation parameters and effects. The Editor is available for both Windows and MacOs operating systems and with all the instruments of the Legend series. It also allows the user to save parameters on the computer and to load them if necessary. Furthermore, through Legend Editor the user can load additional tonewheel organ models to the instrument. The Legend Editor greatly increases the editing possibilities since it allows the modification of some parameters that are not accessible on the instrument.

- Three new tonewheel organ models have been added, in special memory locations. These three new models can be recalled by pressing and holding the **[TRANSPOSE SELECT] button** and then pressing the following keys on the upper manual:

    - o **F#5:** BC Model from 1936
    - o **G#5:** B3 Model from 1956
    - o **A#5:** A100 Model from 1961

- On each of the three alternative memory locations it is possible, through Legend Editor, to upload new tonewheel organ models that will be made available on the Viscount website.

- Bug fix: in "Pedals to lower" mode, notes received from MIDI IN on ch.3 or notes received from MIDI PEDALS, are switched off by pressing and releasing a note on the Lower manual.

- Bug fix: under certain conditions while playing the JDF organ model, static pops occur randomly and intermittently.

- Minor bug fixing on Midi Out

NOTE: at the same time as the release of version 1.0 of the Legend Editor, two new tonewheel organ models were released: an A100 from 1963 (built in USA) and an A100 from 1962 (built in UK), both well maintained.
For those who want to restore the alternative tonewheel organ models loaded at the factory, the three models: BC from 1936, B3 from 1956, A100 from 1961, have also been published on the Viscount website

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RELEASE: 1.5 (07/05/2018)

This version supports JdF (**Joey DeFrancesco**) Signature Edition models.
The JdF edition includes the following features:

- The three organ models have been cloned from three tonewheel organs from Joey's personal collection. These organs were used to record many of his albums and for his live performances.
- Organ clones with sound model and related effects (Vibrato/Chorus, Percussion and Rotary Simulator) have been personally tuned by Joey.
- Satin Black color with Joey's signature.

Warning 1: version 1.5 support both JdF and standard editions, but in the case of standard edition the sounds and functions remain identical to version 1.4 of the standard models.

Warning 2: JdF sounds and features can not be loaded on standard models in any way. They are copy-protected.

Warning 3: if the instrument is a JdF model, <u>do not load a version lower than 1.5</u>, because doing so would lose the specific sounds and functions of the JdF edition. If you accidentally downgraded to version 1.4 and by doing so you have lost the specific features of the JdF Edition, contact the service (service@viscount.it) for instructions on how to return to the JdF Edition

Warning 4: if the instrument is a standard model and it is running any version starting with "1.4", whether it is 1.4, 1.41 or 1.42, it is already updated and it is not necessary to update it further.

RELEASE: 1.4.2 (17/04/2018)
RELEASE: 1.4.1 (12/03/2018)

- REV3 hardware revision support

These versions have been developed only for internal software and hardware developments, neither brings any new sound or function update to the instrument.

So if the instrument is running ANY version that starts with "1.4", whether it is 1.4, 1.41 or 1.42, it is updated and it is not necessary to update it further.

RELEASE: 1.4 (07/02/2018)

- New features implemented (selectable with [TRANSPOSE]+key, see Appendix)
    o AO-28 Tone Control; AO-28 is the model number of the pre-amplifier used in the original electromechanical organs and it has a "tone control" knob. Now you can simulate this control with the [TREBLE] potentiometer.
    o Calibration of the expression pedal, to always have the entire usable range with any expression pedal.
    o "Memphis Style": on a real Rotary it is achieved by unplugging the motors on the lower rotor, so that only the upper rotor spins. This can be useful if you are looking for a solid bass sound but you still want a treble movement.
    o Automatically detects the polarity of the "Rotary" and "Hold" pedal switches at startup. So you can use both "N.O" or "N.C." switches

- Sound improvements on

    o Percussion
    o Overdrive

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RELEASE: 1.3 (05/12/2017)

- New features implemented (selectable with [TRANSPOSE]+key, see Appendix)
    - function to store the instrument settings, so you can find the same settings again when the instrument is switched on;
    - function to extend the operating range of the expression pedal up to mute the volume;
    - function to change the mode of operation of the "Rotary" pedal switch from the "toggle" mode to the new "momentary" mode;
    - function to change the routing of "Analog In" in pre or post effects mode;
    - function to change the routing of "Send/Return" in order to send only the upper manual or the whole organ;
    - function to enable/disable the new "Layer" mode (see below). the "Layer" mode can be activated/deactivated individually for the Upper or the Lower manual;
    - function to choose whether to use USB-MIDI in Midi Out1 mode (expander) or Midi Out2 (sequencer) mode (see below).
    - function to choose whether in "Pedal to Lower" mode, Pedal and Lower sections play in layer or split mode
    - function to choose whether the expression pedal (CC11) should be sent on the Midi Out1

- MIDI functionality fully revised
  Conceptually now the Midi Out1 is to be considered to drive external instruments while the Midi Out2 is to be considered for use with a sequencer or the like. Consequently Midi Out1 transmits only notes and sustain pedal (and optionally expression pedal), while Midi Out2 also transmits all controls. Now the channels number are the same for Midi Out1 and Midi Out2. We have three modes of operation as in the below table, with the new "layer mode":

Mode	Preset	Cancel	Layer
OUT1 transmits:	nothing	notes with velocity, sustain pedal (optionally expression pedal) (acts as "local Off" for internal generator)	notes with velocity, sustain pedal (optionally expression pedal) (the internal generator is active, so it is in "local On")
OUT2 transmits:	notes without velocity, all controls	notes with velocity, all controls	notes with velocity, all controls

In other words on MIDI OUT 1:

the "Preset" mode is designed to play the Legend and NOT any connected expander; key velocity is not managed to have notes activated at first contact. No data are sent on Midi Out 1 so as to avoid playing or modifying parameters on any connected expander.

The "Cancel" mode is designed to use Legend as a master keyboard and play an external expander, with key velocity, sustain pedal and optionally expression pedal. Legend internal generator is put in Local Off.

The "Layer" mode is designed to simultaneously play the Legend and an external expander with key velocity; in this case the velocity is privileged and the note is started at the second contact also for internal generator.

- Sound improvements on

    - The three clones both on manuals and pedals
    - Rotary
    - Vibrato
    - Overdrive

    o Percussion
    o Expression Pedal
    o Reverb

RELEASE: 1.2 (04/07/2017)

- Bug fixing on some noise when moving pedal drawbars
- Bug fixing on randomly missed percussion notes
- Bug fixing on unplugging the usb cable during the upgrade phase

RELEASE: 1.1 (24/05/2017)

- Support for Legend SOLO model
- Implemented the MIDI DUMP function (Transpose + C3)
- Minor bug fixing.

RELEASE: 1.0 (06/04/2017)

- First production release

Legend

APPENDIX

Key	Function
C1	GOSPEL OFF (par. 6.3)
C#1	USB-MIDI EXPANDER MODE (par. 6.2)
D1	GOSPEL ON (par. 6.3)
D#1	USB-MIDI SEQUENCER MODE (par. 6.2)
E1	RESTORE DEFAULT PANEL (par. 4)
F1	SAVE PANEL CONFIGURATION (par. 4)
F#1	TRANSPOSE -6
G1	TRANSPOSE -5
G#1	TRANSPOSE -4
A1	TRANSPOSE -3
A#1	TRANSPOSE -2
B1	TRANSPOSE -1
C2	TRANSPOSE 0
C#2	TRANSPOSE +1
D2	TRANSPOSE +2
D#2	TRANSPOSE +3
E2	TRANSPOSE +4
F2	TRANSPOSE +5
F#2	
G2	
G#2	MEMPHIS STYLE OFF (par. 6.5)
A2	MEMPHIS STYLE ON (par. 6.5)
A#2	
B2	
C3	MIDI DUMP (par. 6.2)
C#3	LOWER MANUAL LAYER MODE OFF (par. 4.2)
D3	UPPER MANUAL LAYER MODE OFF (par. 4.2)
D#3	LOWER MANUAL LAYER MODE ON (par. 4.2)
E3	UPPER MANUAL LAYER MODE ON (par. 4.2)
F3	PEDALS TO LOWER SPLIT (par. 3.2)
F#3	PEDALS TO LOWER LAYER (par. 3.2)
G3	EXPRESSION PEDAL MINIMUN MUTE (par. 6.7)
G#3	EXPRESSION PEDAL MIDI ON (par. 6.2)
A3	EXPRESSION PEDAL MINIMUN NORMAL (par. 6.7)
A#3	EXPRESSION PEDAL MIDI OFF (par. 6.2)
B3	ANALOG IN PRE EFX (par. 6.8)
C4	ANALOG IN POST EFX (par. 6.8)
C#4	WHOLE ORGAN TO FX SEND (par. 6.8)
D4	
D#4	UPPER MANUAL TO FX SEND (par. 6.8)
E4	[TREBLE] POT. AS TREBLE (par. 6.4)
F4	[TREBLE] POT. AS TONE CONTROL (par. 6.4)
F#4	STORE EXPRESSION MIN. (par. 6.6)
G4	REVERB POST ROTARY (par. 5.2)
G#4	STORE EXPRESSION MAX (par. 6.6)
A4	REVERB PRE ROTARY (par. 5.2)
A#4	
B4	HOLD PED. INT. & EXT. (par. 3.2)
C5	HOLD PED. EXT. (par. 3.2)
C#5	ROTARY PEDAL TOGGLE (par. 6.7)
D5	
D#5	ROTARY PEDAL MOMENTARY (par. 6.7)
E5	
F5	TONE WHEEL '30 (par. 3.2)
F#5	
G5	TONE WHEEL '50 (par. 3.2)
G#5	
A4	TONE WHEEL '70 (par. 3.2)
A#5	
B5	
C6	PANIC (par. 6.9)