

# THE DIGITAL CONSOLE AT THE ORGELPARK

**The digital console at the Orgelpark controls two organs: the Sauer organ (1922) and the Utopa Baroque Organ (2018). This manual covers only its basic functions. Please read the extended manual to learn more.**

## **Step 1: turning the console on**

Hold the RFID-tag over the right cheek of the upper keyboard. The procedure will take circa 1 minute. The console is ready when the touchscreen shows 16 boxes in four rows, named III.1, III.2, etc. The upper keyboard is keyboard III, the middle one keyboard II, the lower keyboard I.

## **Step 2: the buttons in the cheeks**

You can have several registrations sound at the same time on each keyboard; we say that these registrations lay in 'layers' one over another. Each layer has its specific name. On keyboard III, for example, the names are layer III.1, layer III.2, etc. Each layer can be 'opened' by using the buttons marked with these names in the keyboard cheeks. Each of these layer button is joined by two other buttons: MUTE and ∞.

- The button MUTE allows you to quickly turn on and off the respective registration layer
- The button ∞ sustains notes until you strike a next key hard; striking next keys gently adds the respective notes to the sustained sound

## **Step 3: opening layers**

Opening a layer, by pushing the corresponding layer button (the button starts blinking), makes the control panel over the upper keyboard show the registration contained in that layer.

- If no registration has been made yet in that layer, all tabs and buttons will show their 0-position; you can now choose a registration
- If a registration was already active in that layer, the tabs and buttons will resume the corresponding positions; you can now change the registration in this layer

## **Step 4: using the control panel over the upper keyboard**

- Use the black stop tabs to in-/exclude stops of the Baroque organ in the opened registration layer
- Use the six colored push buttons (if switched on, the respective button is lit) to decide whether the Sauer stops (tabs in the same colors, located in the stop tab boards to the left and right of the keyboards) are allowed to sound in the opened layer.
- The displays over the black stop tabs show the properties of the opened registration layer. Control the properties operating the round push/turn knobs under the displays: push a knob to turn a property on (horizontal lines appear under and over its name in the display), turn the knob to change the value of the property. The properties include:
  - > Range: operate the Left en Right knobs to set the lower and upper limit of the opened layer
  - > Transposition: change the pitch of the registration layer
  - > Timing
    - ~ Delay: the registration layer starts sounding x milliseconds after striking the keys  
the registration layer stops sounding x milliseconds after releasing the keys
    - ~ Staccato: the registration layer sounds during x milliseconds only
    - ~ Prolong: the registration layer stops sounding x milliseconds after releasing the keys
  - > Pulse: the layer stops sounding, is silent, and starts sounding again; etc.
    - ~ F (frequency): the frequency of the cycle (the pulse)
    - ~ W (width): the proportion between the sounding and the silent part of each cycle
  - > Dynamic: makes the key velocity control the wind flow to the pipes
    - ~ Center: determines a specific key velocity and its corresponding wind flow to the pipes
    - ~ Width: the range around the Center, allowing you to vary key velocity and thus the wind flow

## *Tremulants*

The two tremulants of the Utopa Baroque organ are controllable by two push/turn knobs each. You can change their speed and the depth of their movement. Important: the tremulant knobs are independent from any layer; i.e. effect the sound of all layers containing baroque stops. Tremulant HW effects the stops numbered 36-48, Tremulant OW effects stops 49-61.

### *Touchscreen*

The touchscreen to the right of the keyboards shows an overview of the contents of all layers. If a layer is opened, the touchscreen shows the contents of that specific layer. All actions described in step 3 can be realized using the touchscreen as well.

### *No couplers?!*

The console has no couplers. If you want to have a registration layer that you already compiled to be active on another keyboard as well, use the drag-and-drop facility on the touchscreen: choose which layer you want to copy ('couple'), put your index finger on the box containing its layer name, drag it to the place you want it to be active as well, and drop it: the layer is now active there as well. It can be changed now without affecting the original layer.

### *Pistons and balanced pedals over the pedal keyboard*

- Pushing the piston next to the balanced pedals activates the next registration saved in the sequencer
- The balanced pedal to the right operates the swell box in the Sauer organ (yellow and pink stops)
- Piston to the outer left: turns on the general crescendo (a red light will be lit over it) and off. The crescendo can be controlled by the second balanced pedal from the right. Four crescendi have been programmed. They can be chosen by using the buttons G.C.1 ~ G.C.4, to be found in the right stop panel below the touchscreen.
  - > G.C.1: general crescendo for both organs at the same time
  - > G.C.2: general crescendo for both organs at the same time; only 16', 8' and 4' pitches
  - > G.C.3: Baroque organ only
  - > G.C.4: Sauer organ only
- The third balanced pedal from the right controls the speed of the windmotor of the Baroque organ.

### **Step 5: Save registrations (sequencer)**

A registration can contain only one stop in one layer on one keyboard, but also many stops in many layers on all keyboards. A registration can be saved in order to be activated at a later time. Use the circular buttons under the lower keyboard to save registrations. Attention: saving a registration is possible **ONLY** by using these buttons; don't confuse the function of these sequencer buttons with that of the layer buttons in the keyboard cheeks!

If there were no registrations saved yet, the display over the upper keyboard shows this indication: 1 A ?

- Save the registration to be saved by pushing the buttons S and 1 at the same time. It says now: 1 A 1
- Save the next registration to be saved by pushing S and 2 at the same time. It says now: 1 A 2

When saving a registration, the system saves everything relevant to that registration, i.e. including all property positions in all layers belonging to that registration.

The system goes to B 1 automatically after A 10. It has 60 levels; so the final sequencer position would be 60 E 10. This means that the system can store  $60 \times 5 \times 10 = 3000$  registrations.

### **Final step: turning the console off**

Hold the RFID-tag over the right cheek of the upper keyboard. The procedure will take circa 30 secs.

### **Problems/questions?**

Report problems and/or ask questions to the Orgelpark office. If the office is not open, call +31 6 53714735 (Orgelpark employee Hans Fidom).