

# **LV KIT with Lithos Entry Panel and a VAS/101 PSU**

## **- Quick Start Manual Programming**

**To successfully install a door entry system you will need to have at least one of all of the following items, 1 x Entry Panel, 1 x VAS/101 Power Supply and 1 x Monitor Handset. If you are short of any of these items a fully working system cannot be installed.**

### **Pre-commissioning tests**

**Carry out the following test before turning on the 240VAC supply.**

1. Please ensure that all dip switches and jumper links on all devices have been set as per installation drawing including the "Bus or Local" jumper and "Master or Slave" jumper on each monitor.
2. Ensure 240VAC mains is connected to all mains powered devices and that the switched fused spurs are not turned on at this stage.
3. Ensure that the 18VDC supply is connected to all relevant devices with the correct polarity.

**Turn on the mains supply at the switched fused spur if all the above tests are correct.**

1. Switch on the mains power and WAIT AT LEAST ONE MINUTE before any programming to let the system settle.
2. With the system now powered ensure that you have 18VDC at all points indicated on the installation drawing.
3. Check across the B bus at all points for 15V to 22VDC. The B bus is not polarity conscious.

### **Always program the entry panel first.**

1. To program the Lithos entry panel press the programming button on the entry panel for 3 seconds, note that the programming LED flashes and the call button blue back lighting LED's light and flash.
2. Press and hold the centre of first call button on the entry panel until the blue back lighting LED's stop flashing.
3. Please move forward to the programming monitors section.

**To program the monitors carry out the following only after the entry panels have been programmed.**

### **Ophera.**

1. Press and hold simultaneously the lock release (key) button and aux 2 (shown with a porter's hat or double dot) until a picture appears on the screen.
2. When the picture comes on, go straight to the entry panel, press and hold the call button that will be used to call that monitor until you hear a confirmation tone.
3. Repeat steps 1 and 2 at the next monitor.
4. If this is the only monitor press the programming button on the entry panel for less than 1 second, note the programming LED goes off.

### **Audio only receivers.**

1. Pick up the handset if fitted and press the lock release (key) button and aux 2 (shown with a double dot) until audio is heard from the entry panel, do not replace the handset on the cradle.
2. Go straight to the entry panel, press and hold the call button that will be used to call that audio receiver until you hear a confirmation tone. Replace the handset.
3. Repeat steps 1 and 2 at the next audio receiver.
4. If this is the only audio receiver press the programming button on the entry panel for less than 1 second, note the programming LED goes off.

### **Agata.**

1. Pick up the handset and press the lock release (key) button and aux 2 (shown with a double dot) until a picture appears on the screen, do not replace the handset on the cradle.
2. When the picture comes on, go straight to the entry panel, press and hold the call button that will be used to call that monitor until you hear a confirmation tone.
3. Repeat steps 1 and 2 at the next monitor.
4. If this is the only monitor press the programming button on the entry panel for less than 1 second, note the orange LED goes off.

### **Perla.**

1. Press and hold simultaneously the lock release (key) button and aux 2 (shown with a double dot) until a picture appears on the screen.
2. Go straight to the entry panel, press and hold the call button that will be used to call that audio receiver until you hear a confirmation tone. Replace the handset.
3. Repeat steps 1 and 2 at the next monitor.
4. If this is the only monitor press the programming button on the entry panel for less than 1 second, note the orange LED goes off.

### **Lynea.**

1. Pick up the handset and press the lock release (key) button and aux 2 (shown with a double dot) until a picture appears on the screen, do not replace the handset on the cradle.
2. When the picture comes on, go straight to the entry panel, press and hold the call button that will be used to call that monitor until you hear a confirmation tone.
3. Repeat steps 1 and 2 at the next monitor.
4. If this is the only monitor press the programming button on the entry panel for less than 1 second, note the programming LED goes off.

### **Nova.**

1. Press and hold simultaneously the lock release (key) button and aux 2 (shown with a double dot) until a picture appears on the screen.
2. When the picture comes on, go straight to the entry panel, press and hold the call button that will be used to call that monitor until you hear a confirmation tone.
3. Repeat steps 1 and 2 at the next monitor.
4. If this is the only monitor press the programming button on the entry panel for less than 1 second, note the orange programming goes off.

### **Mitho.**

1. Press the setup button, then the service button, then the monitor icon in the centre of the screen and finally press the manual program button.
2. The Mitho monitor should display the text "Programming".
3. Press and hold the call button that will be used to call that monitor until you hear a confirmation tone and the Mitho monitor should display "ok".
4. Repeat steps 1, 2 and 3 at the next monitor.
5. If this is the only monitor press the programming button on the entry panel for less than 1 second, note the orange programming goes off.

### **Opale.**

1. Press and hold simultaneously the lock release (key) button and aux 2 (shown with a double dot) until a picture appears on the screen.
2. When the picture comes on, go straight to the first (master) entry panel, press and hold the call button that will be used to call that monitor until you hear a confirmation tone.
3. Repeat steps 1 and 2 at the next monitor.
4. If this is the only monitor press the programming button on the VA/01 for less than 1 second, note the orange LED goes off.

### **Internal Intercom.**

If single call group (i.e. 1 call button on the entry panel calls all receivers) intercom is required for your system, the following procedure must be followed after all other programming is finished.

1. Ensure on the Lithos entry panel jumper SW3 is fitted (default position).
2. Press the programming button on the entry panel for 8 seconds, note that the programming LED flashes quickly.
3. Select the receiver you wish to program and press and hold the intercom call button you want to be associated with that receiver (1 or 2 or 3 etc...) until the receiver emits 3 confirmation tones.
4. Repeat this procedure at each receiver in the intercom group.
5. If a receiver is connected but not part of the intercom group press the AUX 2 button (no confirmation tone) to assign it.
6. To exit programming mode press the programming button on the entry panel for less than 1 second, note the orange programming goes off.

The system is now programmed.