Helvar

Sequences & Cycles Information

- With Helvar 910, 924 & 920
- Open Loop Sequences
- Closed Loop Cycles
- Automatic Scene Changes
- Dynamic Lighting
- RGB Colour Change

Further Reading:

Data Sheet	D004411
	D004441
Installation Sheet	7860172
	7860137
	7860183
User Guide	TP924

Overview

System programming allows varying degrees of complex sequencing and cycles to be configured. These may range from a simple RGB colour cycle to interative sequences of over 100 steps or scenes.

The sequence or cycle may be started and stopped manually by use of push button panel, control input, or time clock. A sequence can be dependant on conditional logic, such that the dynamics are changed dependant on the prevailing conditions.

Sequences are open-loop with a designated end point, Cycles are closed-loop, with the end point being selected by the user using one of the above methods.

Both types may be nested such that the action of one can trigger or start another, in this way multiply routines may be started simultaneously from the same event.

Functions

Exact functionality is determined by the desired end effect and is ultimately controlled by the complexity of the programmed logic. Therefore extreme importance should be given to thoroughly planning out the sequence steps prior to implementation.

It would be considered a good starting point to first configure the lighting levels required in each of the scenes that form the sequence, this allows testing of the levels and individual confirmation that the desired effect is met throughout the different stages.

The second stage, would be to implement the sequence steps including the setting up of fade and delay times. These run concurrently therefore the delay should always be set as equal to or greater than the required fade. At this point a test can be carried out to witness the cross-fade with adjustments made as necessary.

If a cycle is required, it is then necessary to "close" the loop back to the first point in the cycle and to also implement the start/stop logic. This would normally be done by a particular scene being designated and the "chain" being broken each and every time this scene is subsequently activated.

Control Flow

Typical Flows
a) Open loop sequence
b) Closed loop cylce
c) Converging sequences
d) Sequence into cycle
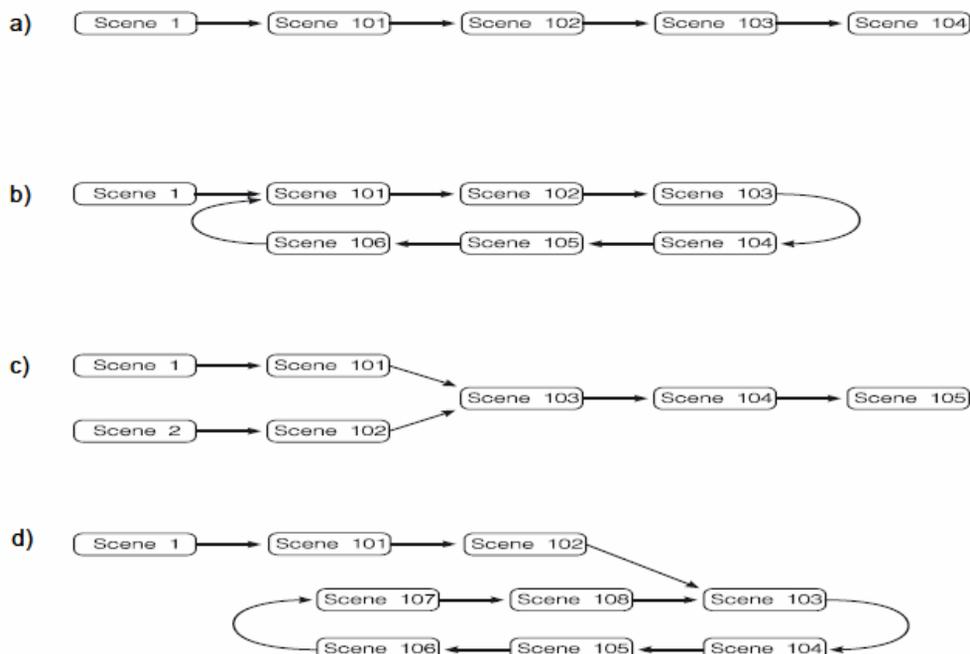
Contact your local Helvar representative or visit us online at **www.helvar.com**
Due to a policy of continuous improvement, Helvar reserve the right to alter specifications without notice at any time.

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