SM Suspension Control System

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In the whole control panels range, it is the simplest and most affordable version for the positioning of suspensions in small and medium studios.

Each button directly controls one suspension. So that, it is not possible to either move or memorise pre-defined suspension groups.

This control panel is ideal for low budget productions or where there is a low frequency of studio re-setting.

SM Control System user guide index

SM Suspension Control System

Thank you for purchasing this IFF SM Suspension Control System.

The SM Control panel allows the operator to move a single hoist up and down via a momentary toggle switch on the main control panel. The SM control is furnished with the Emergency Stop Button and a key switch to prevent unauthorized access.

Together with the ASM power panel (purchased separately), the SM control is a very efficient and safe way to control hoists.

ASM Power Panel*
(FF3960C28)

SM Control
(FF3951Y28C)

*Purchased separately

In order to illustrate how the SM Suspension Control operates, this manual will describe the operation with the ASM Power Panel which can be purchased separately.
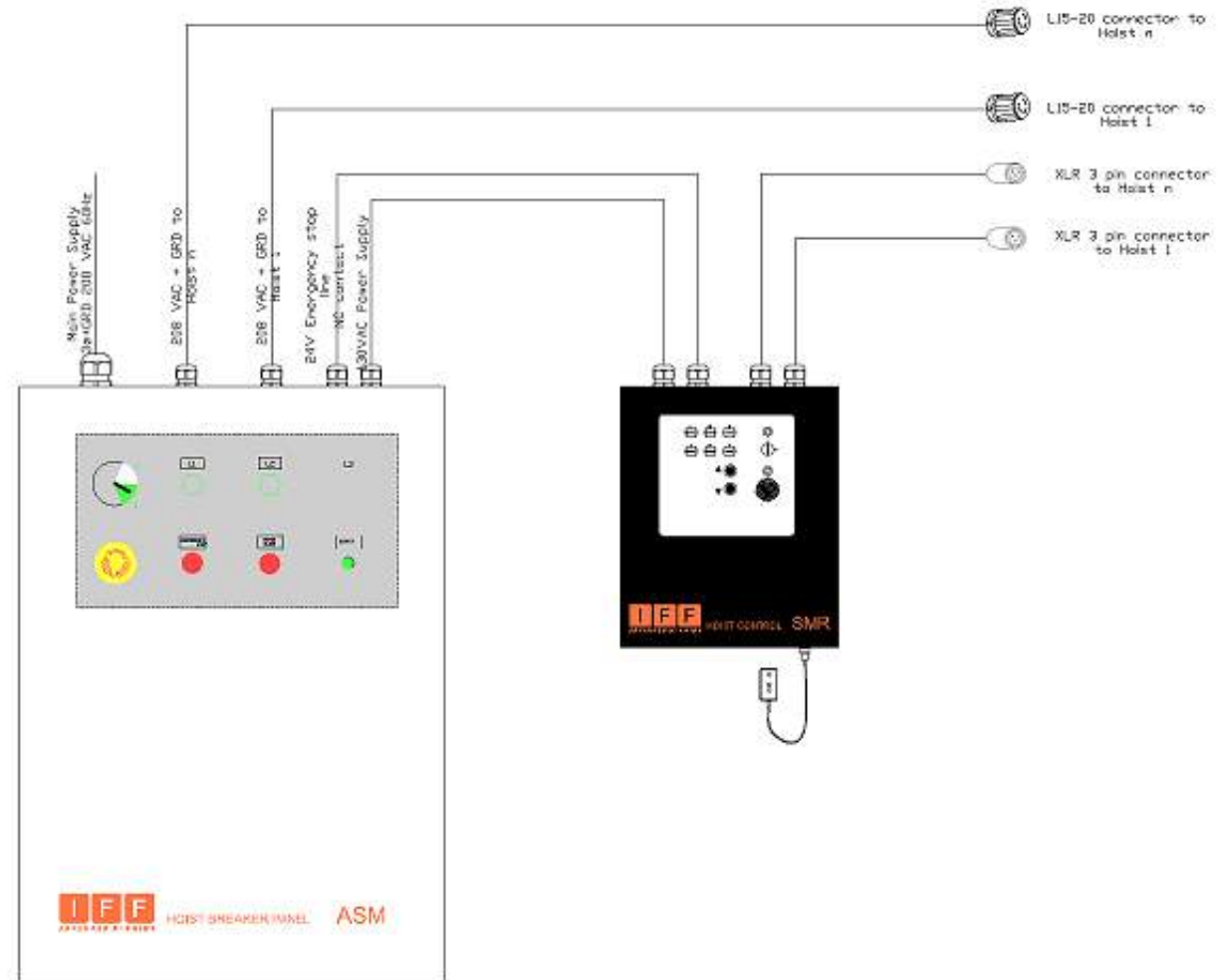
Preliminary Operations

Connect the ASM Power Panel and the SM Control as shown in the wiring diagram.

Control System Set up

1. **Activate** the ASM Power Panel switch by turning the main switch (check the indicator lights L1,L2,L3, they must be on) then **activate** the SM Control by turning the key switch to the first click.
2. **Connect** the Wired Hand-held remote control to the SM Control.
3. It is possible to turn on the control system
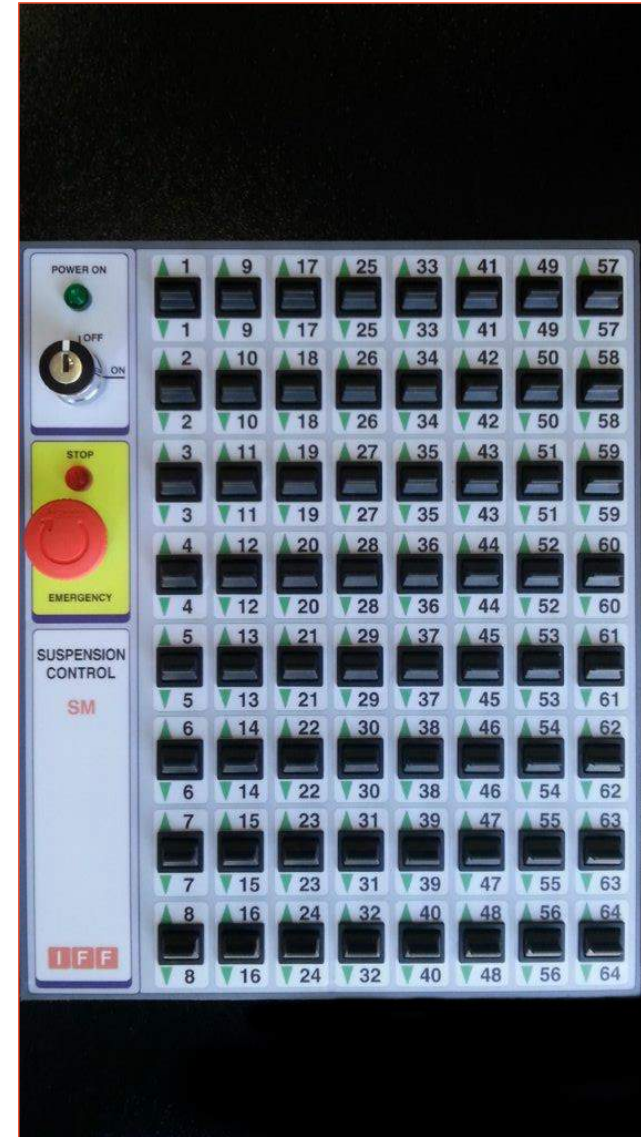
   in two ways.

   a. From the **ASM Power Panel**:
   Press the START BUTTON, the green led is now switched on.
   b. From the **SM Control**:
   Turn the KEY SWITCH clockwise to the second click, the ASM Power Panel green led is now switched on.

Move Hoists

To operate the hoist move the lever up or down. To stop the hoist just release the lever.

SM Control shown in the picture is indicative of a possible configuration. The number of the channels varies according to customer request.

Emergency Stop

In case of emergency the system can be stopped in two alternative ways.

- Press the EMERGENCY-STOP MUSHROOM pushbutton on the SM Control (fig.2), the emergency stop led on the SM Control turns on,

- Press the EMERGENCY-STOP MUSHROOM pushbutton on the ASM Power Panel (fig.3), the emergency stop led on the ASM Power Panel turns on.

The control system will stop all the machines immediately.

The GREEN START LED on the ASM Power Panel turns off.

Fig.1

Fig. 2

Fig. 3

Reactivating the Control System

1. Rearm the pressed EMERGENCY-STOP MUSHROOM pushbutton by rotating the control knob clockwise on the ASM Power Panel (fig. 6) or on the SM Control (fig. 7).

The emergency stop led on the ASM Power Panel or on the SM Control turns off.

2. Repeat the SET UP procedure (p.2).

Fig. 6

Fig. 7

Control System turning off

The **SM Control System** can be turned off by:

a. turning the main ASM Power Panel switch off (fig. 4)

or

b. turning the **SM Control** key switch off (fig.5).

Fig. 4

Fig. 5

IFF

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