

Laars Sequencing Controls

SC-12P, 24 Addendum

IMPORTANT: This document must be used in conjunction with the Sequencing Control Installation and Operation Instructions, Laars document 4200.

The SC-24 consists of the following items:

- (1) SC-12 panel with a *Primary* label. The *Primary* panel will be connected to the appropriate inputs, display the sensor information, and control the *Secondary* panel. If necessary, the *Primary* panel can stand alone and sequence up to 12 stages of output.
- (1) SC-12 with a *Secondary* label. The *Secondary* panel receives sequencing information from the *Primary* panel.
- (2) Flat cable connectors.
- (1) Interconnect cable.

Primary Panel Installation

- Select a location large enough so both SC-12 panels can be mounted next to each other. Be sure the panels will be close enough so the Interconnect cable provided can reach between the two panels (see diagram on back page).
- Follow all Installation steps described in the SEQUENCING PANELS INSTALLATION/OPERATING manual.

Secondary Panel Installation

- Mount the *Secondary* panel (I/O manual pg. 5).
- Secondary Panel does NOT use Dip Switchs, all settings should be made on the *Primary* panel.
- Wire the power inputs (I/O manual pg. 5).
- Wire the stage outputs (I/O manual pgs. 7, 14 and 15).
- Wire the System output (I/O manual pg. 7).

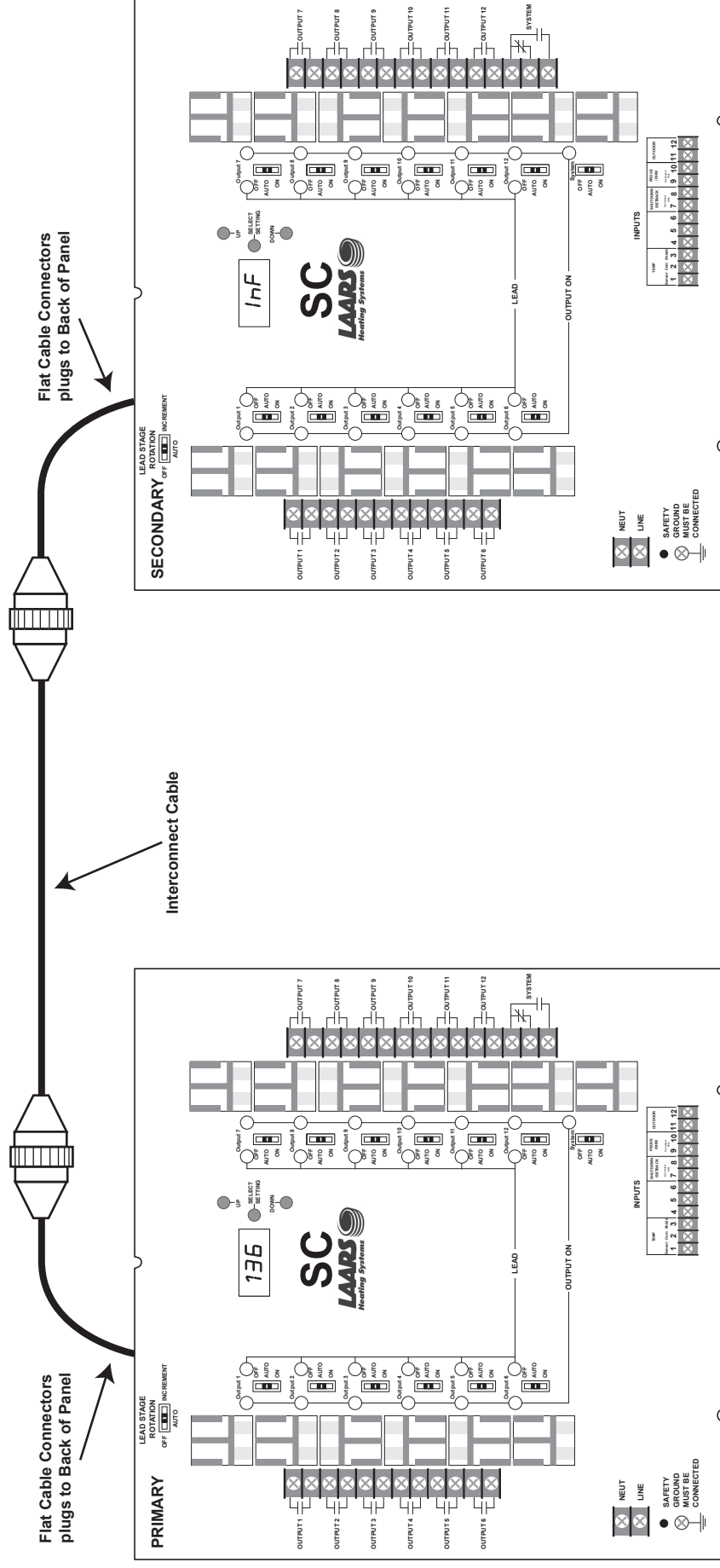
Connecting the Primary and Secondary Panels

- On each panel, locate the 5 pin header marked JP2 (see diagram on back page).
- Attach the 5 pin female connector to the header on each panel. The header is keyed so it can only easily be connected in one direction.
- **DO NOT** force the connector onto the header. If the connector does not slide on easily, rotate the connector and try again.
- The other end of each flat cable has a male round connector. Attach these to the female connectors on each side of the interconnect cable.

Secondary Panel Initial Settings

- Each stage which is to be active (and has a relay installed) should have its *OFF/AUTO/ON* switch in the *AUTO* position.
- Any stage which is not to be active (or any stages without output relays) should have its *OFF/AUTO/ON* switch in the *OFF* position.
- Should communications be lost with the Secondary Panel, the Primary Panel will act as a stand-alone Panel

Connecting SC-12P or SC-24 Panels



PRIMARY CONTROL

SECONDARY CONTROL