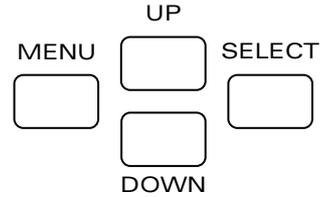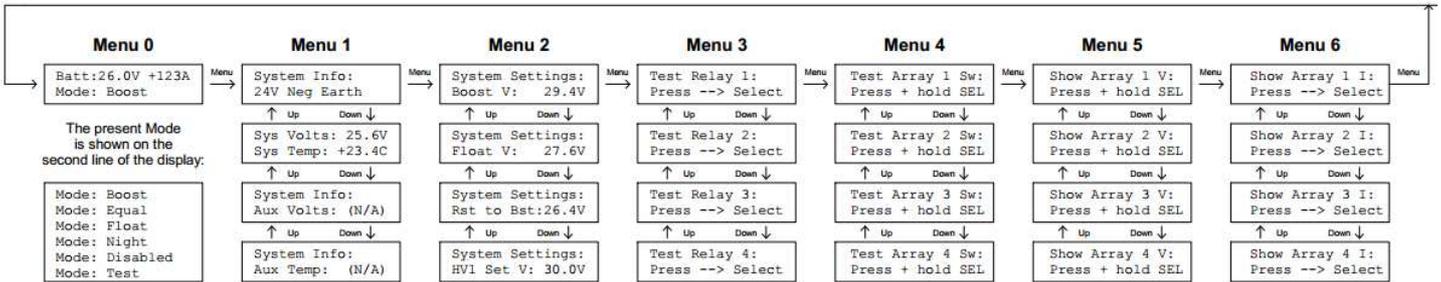**Micha Solar**
www.micha-solar.com

MSRx Charge Controller - Quick Menu Guide

The MSRx range of Charge Controllers has a built in control panel that allows the user to display the regulator's status, test functions and change various setpoints on site. The MENU key is used to navigate from one menu to the next, the Up and Down keys to navigate through each menu, and the SELECT switch is used where shown. Refer to the MSRx manual for the full list of available functions.

UP
MENU   SELECT
DOWN

1] General Information and Testing.

Menu 0 : Current regulation mode, and any alarms.
Press & hold UP to display Battery SOC, Press & Hold DOWN to display array switch status.

Menu 1 : General system information and screens allowing the user to reset active alarms and reset AmpHour and Elapsed Time counters.

Menu 2 : System Settings, including regulation settings, alarm set, reset and delay settings, controller type and number of arrays.

Menus 3 + 4 : Test menu, allowing the test activation / deactivation of the Load switches and Alarm relays (3), and the Array switches (4).

Menus 5 + 6 : Array menu, showing the individual Array voltages (5) and currents (6).

To return to Menu 0 at any time, press MENU and UP _or_ MENU and DOWN simultaneously.
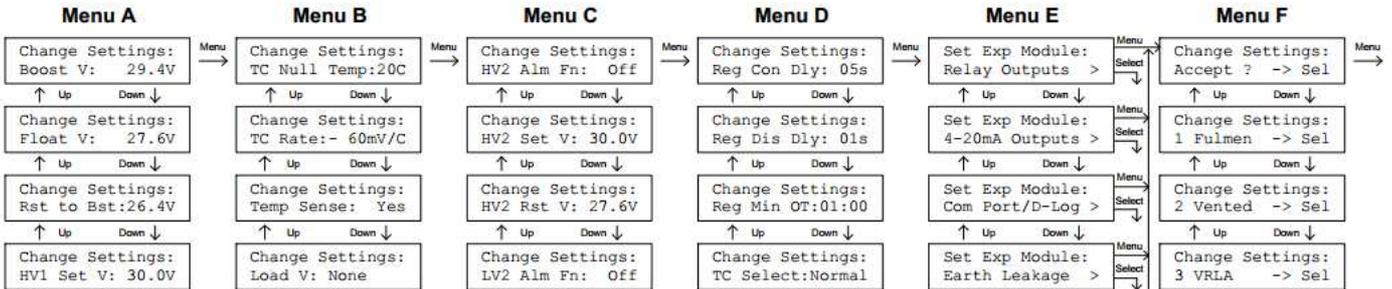
2] Changing Settings and Enabling Features.

The Change Settings Menus can only be accessed as follows:
Standard enclosure: Fit jumper link to LK1 (on the Load Pcb) to Disable, hold down MENU, UP, DOWN switches and then press SELECT.
19" Rack Enclosure: Set keyswitch to "Keypad Enable", hold down MENU, UP, DOWN switches and then press SELECT.

Navigate to the required screen using the MENU, UP and DOWN switches. Pressing SELECT will cause the value to be changed to flash. Use the UP and DOWN switches to change the value, then press SELECT again. After changing a value, the user must navigate to the Accept screen and press SELECT again to enable any changed values to be stored. Pressing MENU will take the user back to Menu 0 above.
Note: saved changes are stored in non-volatile memory and will be retained during power-down of the equipment.

In the final menu screen, it is possible to reset the regulation settings to stored default regulation settings - refer to the manual for details.

Menu E allows the user to enable and setup various expansion modules that may be connected to the expansion port: