Notice to 480L/224XL Users

If you have used a 480L or a 224XL, but are unfamiliar with the operation of the 300L, please note the following:

Unlike the 224XL and 480L, which were designed for remote control via the LARC, the 300 was developed for use from its front panel. Although many operations, parameters, and displays are similar to those in the 480L and the 224XL, the 300L user interface is significantly different.

The 480L and the 224XL have two basic modes of operation: MACHINE RUN and CONTROL mode. In MACHINE RUN mode, both units use a system of BANKS that contain a maximum of ten PROGrams or REGisters. Pressing a button on the LARC numeric keypad recalls an algorithm, as well as parameters associated with either a PROGram or REGister, including all MIDI patching information for 480L PROGrams and REGisters. CONTROL mode parameters cannot be stored or recalled (except through the use of MIDI SysEx messages). When power is interrupted, the last settings made are recalled on power-up.

The 300L has another upper layer called SETUP. It stores or recalls all SETUP mode parameters, pointers for the running program and parameter values for each machine. MIDI patching information for PROGrams and REGisters is stored separately, and can be recalled independently and is also stored and recalled as part of a SETUP in the 300L.

- Loading a SETUP on the 300L is like setting all of the control mode parameters on the 480L (configuring the system, selecting I/O, etc.) , then loading an appropriate PROGram into each machine, then assigning patch information to parameters in each machine.
- Once a SETUP is loaded, operation is somewhat similar to the 480L. The BANK button initiates “MACHINE RUN mode”. The MACHine button switches between active machines. BANK, PROG, and REG buttons allow you to preview and load Programs and Registers into either Machine via numeric keypad entry exactly as in the 480L.
- Parameters typically found in the CONTROL mode of the 480L are split in the 300L between SETUP and CONTROL modes. Enter either mode by pressing the dedicated buttons; use the PAGE button to navigate within each mode.
- There is no CONFIGURATION parameter in the 300L. Select the machine configuration by loading an appropriate SETUP type (Single, Dual Mono or Cascade). Once you select a SETUP type, you will only view programs that will run in that configuration. (i.e. you cannot view or load Pitch/Delay with a SINGLE SETUP type loaded.)
- In the 300L, you can store the parameters of a running algorithm, or you can store everything (parameters running in both machines, SETUP mode parameter settings, and any MIDI patches) as a SETUP.
- Vernier (fine) control of 300L parameters is engaged/disengaged by “double-clicking” on the button below the slider for that parameter. (The 480L uses “press and hold” until the display flashes to indicate fine mode.)
- Be aware that only the SINGLE Machine Setups of the 300L contain programs with similar algorithmic complexity to the programs that run in one machine of a 480L.

Refer to the 300L Owner's Manual for details on other unique features such as time code automation, the Softslider, and LFO.

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