


A-30/AX-1
KEYBOARD CONTROLLERS

TURBOSTART

... **ROLAND A-30/AX-1 TURBO FACTS** ...

Perfect for playing sounds from a GS/GM sound module, these MIDI keyboard controllers can transmit on two MIDI channels simultaneously, create splits and layers, and can Start/Stop a sequencer from the front panel.

• **Initializing**

To restore the original factory settings, hold down the WRITE button and then turn the power on.

• **Selecting Patches**

- 1) Press the PATCH button so the LED is lit.
- 2) Use the numbered buttons to select patches 1-16 (The numbers ABOVE the buttons indicate the patch number).
- 3) To select patches 17-32, press the boxed-in "17-32" button, then press the patch button (now the boxed-in numbers above the buttons indicate the patch number).

• **Editing**

You can transmit on two MIDI channels simultaneously (upper and lower) with completely programmable split points. KBD MODE allows you to enable the lower part, the upper part or both parts. The SPLIT LEDs will indicate your choice. The EDIT buttons allow you to select which of the two parts you wish to edit. Again, an LED will indicate your choice. You can avoid much confusion by making sure that the part you are editing is the same as the part you have enabled under KBD Mode. The procedures described in the following sections concern editing patches. To properly edit a patch:

- 1) Make sure PATCH LED is OFF (Press PATCH button if necessary).
- 2) Use the SPLIT buttons to choose which part you are listening to (Upper or Lower).
- 3) Use the EDIT buttons to choose the part to be edited (Upper or Lower).

To write a patch, press and hold down WRITE, then push the patch button corresponding to the patch location desired. When writing a patch, the information remembered will include:

- Data Entry assignment.
- Value of Beats Per Minute.
- Values of CC00, CC32 and Program Change.
- Effects settings.
- CC07 (volume) settings.
- MIDI channel assignments.
- Splits and parts enabled.
- Octave assignments.

• **Editing (cont.)**

- Filters for control messages (Pitch Bender, Modulation, Sustain)
- Assignment of Expression Lever (Modulation/Aftertouch)

• **Setting Split Point**

There are three different keyboard modes: Single (Upper or Lower alone), Split (Upper on right keyboard side, Lower on left), and Layer (two sounds overlapping). To configure your keyboard into one of these modes, you will need to set the upper limit of the Lower part and the lower limit of the Upper part like this:

- 1) Make sure the PATCH LED is OFF.
- 2) Press and hold the LOWER button under KBD Mode until the LED begins flashing.
- 3) Now press the key that corresponds to your desired limit point.
- 4) Repeat this process with the UPPER button.

• **Sending Program Changes**

To send a program change message (which will call up the Capital Tones on a GS instrument):

- 1) Make sure the PATCH LED is OFF.
- 2) Press the PROGRAM CHANGE button.
- 3) Now use the buttons numbered 1-0 (underneath the buttons) to select your Program Change number.
- 4) Press ENTER to send the message.

Each factory patch (1-32) is programmed to send a program change number corresponding to a specific instrument belonging to a family of instruments that is listed in blue above the numerical buttons (Piano, Chromatic Percussion, Guitar, etc.) Each of these instrument families consists of several sounds of a similar type.

• **Sending a Bank Select message to access a Variation (Sub-Capital) Tone**

- 1) Press the PATCH button if necessary (the LED should be OFF).
- 2) Press the CC00 button.
- 3) Now use the buttons numbered 1-0 to enter the Bank value (usually either 8 or 127 on GS products).
- 4) Press ENTER.
- 5) Now use the buttons numbered 1-0 to select your Program Change number.
- 6) Press ENTER to send the message.