

PANAVISION

Genesis Display Processor



Preliminary Instruction on LCD usage.

1st Edition Rev 1

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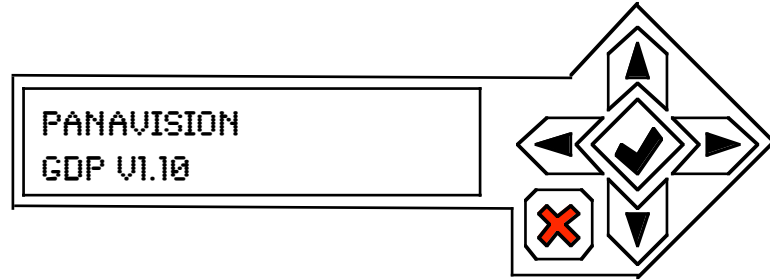
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

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Introduction



Rev B of the Genesis display processor adds an LCD to the front panel for local control. The LCD consists of a two line, 16-character display and 6 key keypad.


The GDP local control can be in one of three operational conditions. It's normal mode only shows status and allows selection of bypass using the  key. This is called STATUS mode. To change from this to other modes the  key is used. A short press will cause the unit to enter a condition enabling the selection of a number of presets that store all operational parameters, this is called PRESET mode. If the  key is held for more than 2 seconds a SETUP mode will be entered. If no user input is detected for more than 20 seconds the unit will revert to its STATUS mode to stop accidental changes.

In both PRESET and SETUP modes the  keys are used to scroll through a series of menus, the  key is then generally used to select or change the menu item.

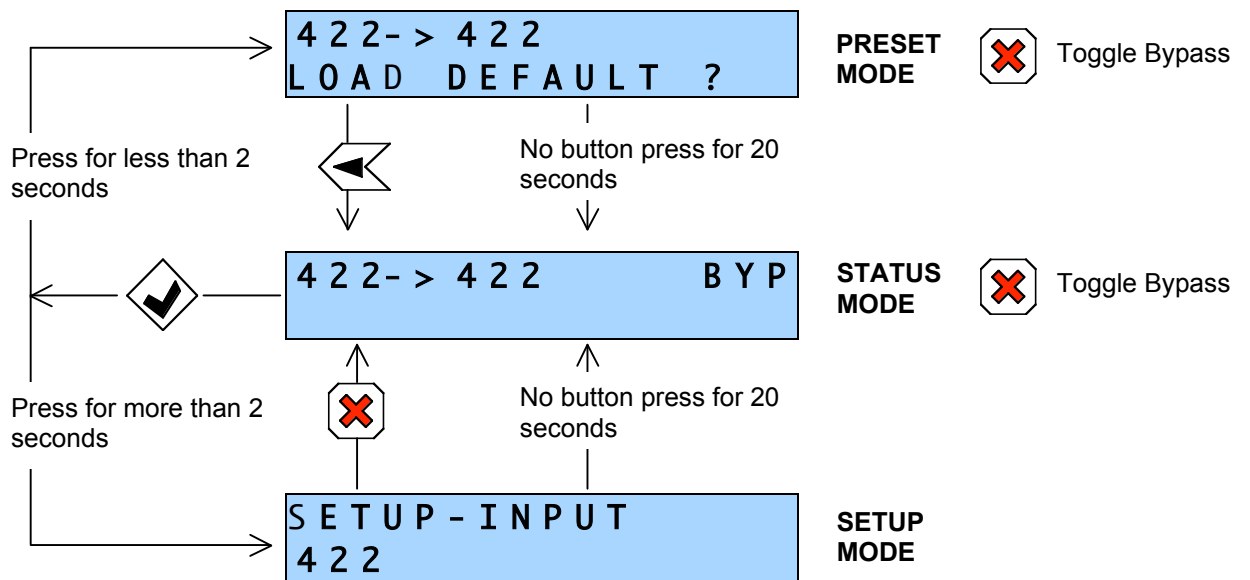
GDP Local control

Local control using LCD keypad.

The GDP local control will be in one of three modes.

- Status mode – Only  is functional and controls Bypass function.
- Preset Mode – Default and user setting may be recalled.
- Setup Mode – Certain settings such as input mode may be configured.

Switching between the three modes is as follows.



Preset Mode Control

4 2 2 - > 4 2 2
LOAD DEFAULT ?



Select Default Settings

4 2 2 - > 4 2 2
LOAD PRESET 1 ?



Select User Preset 1 Settings

4 2 2 - > 4 2 2
LOAD PRESET 2 ?



Select User Preset 1 Settings

4 2 2 - > 4 2 2
LOAD PRESET 3 ?



Select User Preset 1 Settings

4 2 2 - > 4 2 2
LOAD PRESET 4 ?



Select User Preset 1 Settings

4 2 2 - > 4 2 2
LOAD PRESET 5 ?



Select User Preset 1 Settings

4 2 2 - > 4 2 2
LOAD PRESET 6 ?



Select User Preset 1 Settings

Common controls active all the time



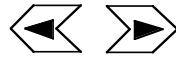
Enable/Disable Bypass



Return to Status Mode

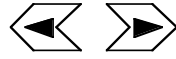
Setup Mode Control

SETUP - INPUT
4 2 2



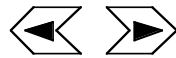
Change Input mode
Select 422, 444, CB or RMP

SETUP - OUTPUT
4 2 2



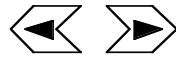
Change Output mode
Select 422 or 444

SETUP - STANDARD
2 3 . 9 8 P s F



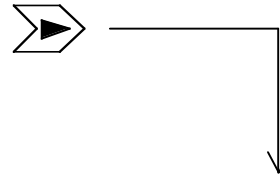
Change System Frame rate
Select 23.98, 29.97 etc

SETUP - LCD
7 0

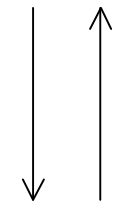


Change LCD Brightness
5 – 100%

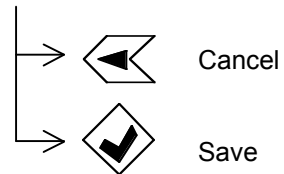
SETUP - SAVE



STATUS - TEMP
4 2 . 5 0 deg C



SETUP - SAVE
SAVE DEFAULT ?



Common controls active all the time



Exit Setup mode and return to
status mode