

PT 8612 HD-SD SERIAL DIGITAL TEST SIGNAL GENERATOR

The PT 8612 HD-SD Serial digital Generator can be installed in the PT 5300 HD-SD Sync Generator.

Packing list:

Check that the PT 8612 option package contains the following items:

Description:	Item	Quantity
1. Nut for BNC	2422 034 17419	4
2. Lock washer for BNC Connector	2422 034 17421	4
3. Pan Head Screw M3x4	2522 178 31056	8
4. Ribbon Cable with micro 20P	4008 105 04030	1
5. Distance Piece M3 L=9 mm	4008 107 27440	8
6. HD-SD signal Gen. Assy	4008 109 91490	1
7. Master PROM (only first series PT5300)	4008 002 08072	1
8. PT8612 option type plate		1

The system is "plug and play" meaning that when the unit is mounted no configuration is needed in order to enable the PT 8612.

However, to ensure proper correspondence between physical outputs on the rear plate and the output description shown in the display, the unit has to be installed in the right positions and connected correspondingly.

NOTE:

To ensure adequate cooling of the FPGA on the board a heat-transferring pad is mounted between the FPGA's cooling fin and the bottom of the chassis.

If an additional PT8612 has to be installed, it has to be mounted in the position of the PT8611, Tri-level generator. The Tri-level generator is then moved to the upper row of boards.

In doubt, please contact factory.

For the first produced PT5300, special attention has to be paid during installation. Also a new master PROM has to be installed on the mainboard.

If rearplate is different from rear plate drawing on next page, the factory has to be consulted



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Installation procedure

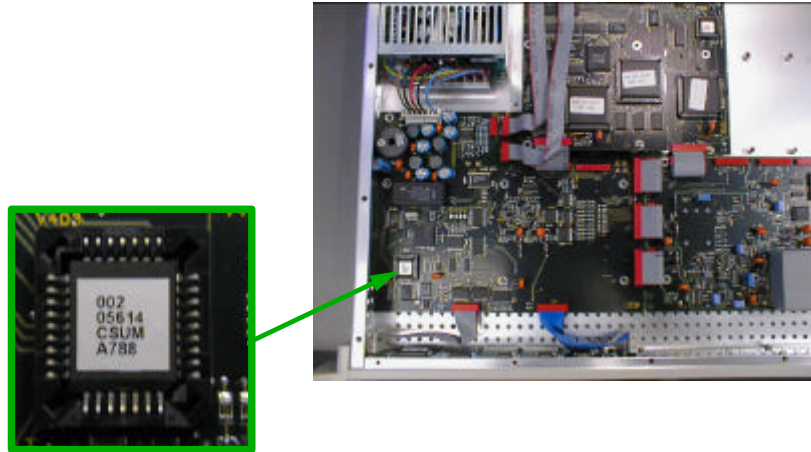
- NOTE:**

Photo 2: Mounting board

Installation of new master PROM

Remove the mounted PROM in the shown position.

Mount the new master PROM carefully taking care of polarizing it correctly.



Picture 1: The positioning of the master processor PROM. The lower right corner on the PROM is indicated by a cut in the chip. (Note, that code number on actual PROM may differ from Photo)