INSTALLATION PROCEDURE

PT 8611
TRILEVEL SYNC GENERATOR

The PT8611 Trilevel Sync Generator can be installed in the PT5300 SD Varitime Sync Generator.

Packing list:

Check that the PT8611 option package contains the following items:

	Description:	Item	Quantity
1.	Nut for BNC connector	2422 034 17419	4
2.	Lockwasher for BNC Connector	2422 034 17421	4
3.	Pan Head Screw M3x4	2522 178 31058	8
4.	Ribbon Cable with micro 20P, 45mm	4008 105 04030	1
5.	Trilvel sync generator board	4008 109 90880	1
6.	Latest firmware for PT5300		1

The system is "plug and play" meaning that when the unit is mounted no configuration is needed in order to enable the PT8611.

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

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

Installation procedure

1. Open the PT5300 by removing the top cover.

2. Remove the plastic blinds from the back panel for the BNC connectors.

3. Place the PCB board with the connectors through the back of the generator.

4. Mount the lockwashers and nuts on the BNC connectors, do not tighten.

5. Mount the 8 screws into the spacers, do not tighten.

6. Tighten the nuts on the BNC connectors.
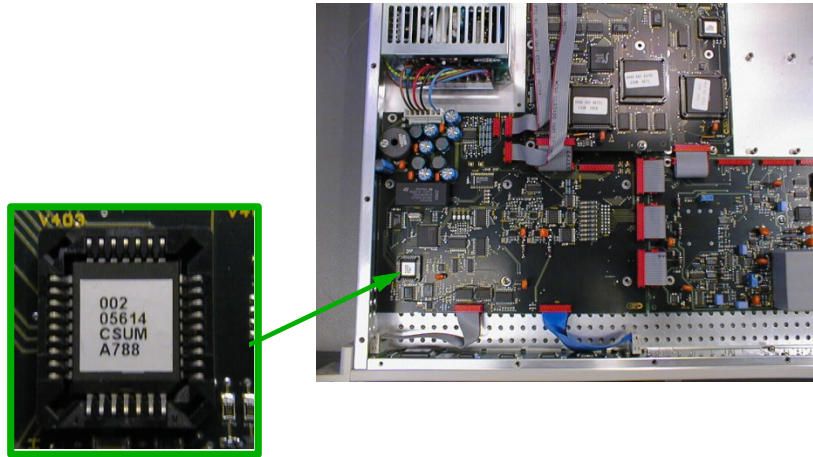
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7. Tighten the 8 screws fixing the PCB to the hexagonal spacers.

8. Mount the ribbon cable from the PT8611 printed circuit board to the PT5300 main board

9. Install the master PROM as discribed on page 3.

10. Mount the top cover on the PT5300.

11. Turn on power while making a factory reset: keep left and right compass key pressed while powering on. that the menu includes the Trilevel Sync Generator.

12. Place the option type plate on the side of the generator in order to make later identification possible

Installation of new master PROM

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)