PT 8635
AES/EBU AUDIO GENERATOR

The PT 8635 AES/EBU Audio Generator can be installed in the PT 5210 VariTime™ Digital Sync generator, in the PT 5230 Digital Video Generator, and in the PT5300 HD-SD VariTime™ Digital Sync generator

Packing list:

Check that the PT 8635 option package contains the following items:

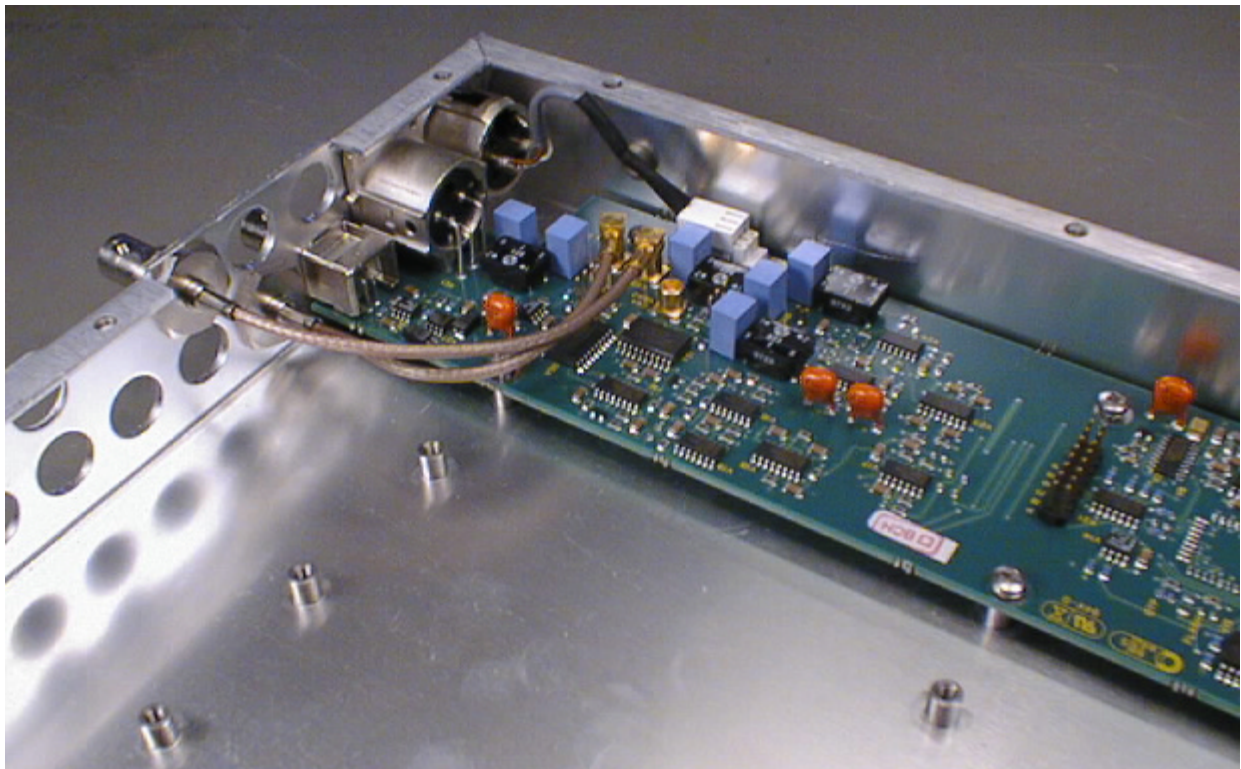|	Description:	Item	Quantity
1.	Nut for BNC Connector	2422 034 17419	1
2.	Lock washer for BNC Connector	2422 034 17421	1
3.	Pan Head Screw M3x6	2522 178 31058	10
4.	Curved Spring Washer	2522 728 04003	2
5.	Ribbon Cable with micro 20 pole connectors	4008 105 04030	1
6.	Cable assy coax MCX/BNC	4008 105 04440	2
7.	Cable assy with XLR male	4008 105 04880	1
8.	AES/EBU Audio/Word Clock	4008 109 84820	1

The system is "plug and play" meaning that when the unit is mounted no configuration is needed in order to enable the PT 8635.

Installation procedure:

1. Open the PT 5210/PT 5230/PT5300 by removing the top cover.

2. Remove all plastic blinds from the back panel for the BNC and XLR connectors marked AES/EBU Audio, WORD CLOCK, and SILENCE (PT 5210).
   If the "TIME CODE" XLR is not used, remove the plastic blind.

3. Insert the PT 8635 AES/EBU audio generator module.

4. Mount the lock washer and nut on the BNC connector on the module and the screws on the XLR connector, do not tighten.

5. Mount the 8 screws to fasten the PT 8635 AES/EBU audio generator module, do not tighten.

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6. Tighten the nut on the BNC connector and the screws on the XLR connector.

7. Tighten the screws holding the module in the frame. Install the two cables with BNC connectors. The BNC connectors should be installed in the holes marked WORD CLOCK, and AES/EBU2/SILENCE.

8. Connect the two coaxial cables on the module to the connectors marked: CX2 AES/EBU2 and CX3 WC#1.
    The cable from AES/EBU2/SILENCE should connect to CX2 and the cable from WORD CLOCK should connect to CX3.
    Please note: The PT 8635 deliver SILENCE only on the AES/EBU2 output when used in a PT 5210.

9. If no PT8607, "Time code converter" or PT8637 "Time Clock Interface" in frame, install the XLR cable assembly.
    NOTE: If PT8607 is to be used or the PT8637 to be used with LTC time code input, the AES2 cannot be made available on XLR.

10. Connect the cable from the XLR connector to XC2 on the PT8635 board.

11. Install the cable connecting the unit to the board in front of the module, a guide pin in each connector has to fit into a similar hole in the modules.

12. Mount the top cover on the PT 5210/PT5230.

13. Turn on power, and observe that the menu includes the AES/EBU audio generator.

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

Picture 1: The positioning of the PT 8635 AES/EBU Audio module in a PT 5210/PT 5230.