

SONY IS EQUIPPED WITH DIGITAL VIDEO GENERATORS FROM PROMAX

The Japanese television sets manufacturer: SONY now is carrying out a large plan of growth in its production facilities and also is opening new factories in the European market that are added to the factory in Viladecavalls town in Barcelona. Where they have reached up to 15,000 TV sets made by day of LCD type and several sizes.

For some years, the collaboration between SONY and **PROMAX** have been increased to the point that most of the video generators which they use in the lines of production have been designed in the **PROMAX** laboratories following the SONY directives.

For one of the most ambitious projects launched by SONY, **PROMAX** has been chosen to develop a complete centralised system to generate signal that it covers to all factory including different lines of production for digital terrestrial television DTT.

For it they have used the COFDM TV modulators (model **MO-170**) as radio frequency generators that are supplied by the TS recorders-players (model **TG-140**),



which they allow to record any digital transmission pattern to play it so many times as it is necessary with the original quality. The signals gathered by the four systems generator-modulator are added with the professional combinator-distributor (model **TD-500**) that sends the signal to the lines of manufacturing as if it was a signal coming from an aerial but with total quality assurance. In addition, this system allows to simulate any transmission coming from any country and to generate the typical problems that can be found in a DTT real environment, that is specially the echoes and preechoes as well as the controlled degradation and/or loss of COFDM carriers at the different levels of covering.

That high degree of specialisation in this type of products allows us to export this solution to many manufacturing factories worldwide, independently of the DTT development level reached in your work area.

