



# PHILIPS

# SERVICE

Scientific & Analytical Equipment  
Test & Measuring Instruments  
Industrial Controls  
Welding  
Industrial Data-processing Systems

Scientific &  
Industrial  
Equipment  
Division

(4809)

811101

TEST AND MEASURING INSTRUMENTS

SGS 27

## PM 5519 Colour TV Pattern Generator

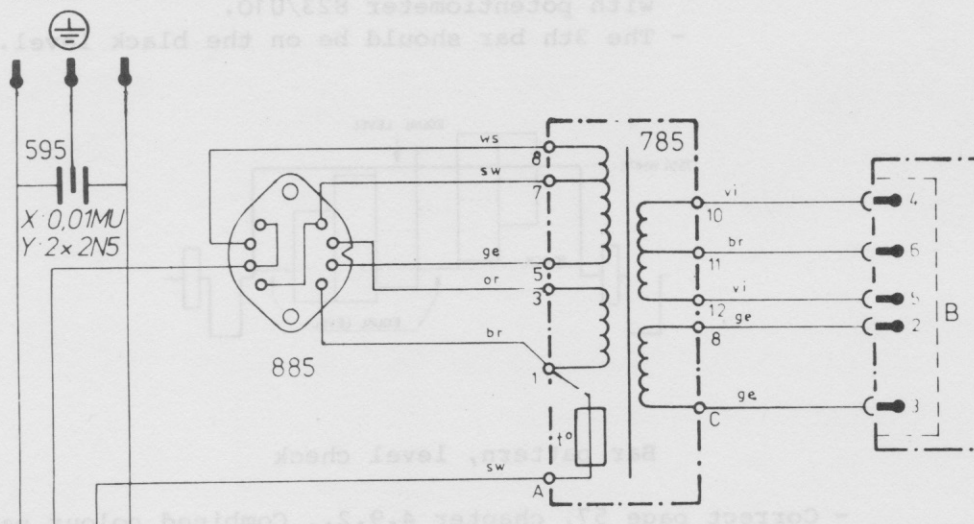
Already published: SGS 13, SGS 20, SGS 25

This is a supplement to the service manual 9499 525 00711 and the operating manual 9499 520 07977 for the colour TV pattern generator PM 5519.

1. Due to cancelled production of TS 301 - 303 in the VHF/UHF modulator the type has changed to BF 967, ordering no. 5322 130 41741, from version LO 07... onwards.
2. Stabilizer TAA550 pos. 351/U11 type has changed to ZTK 33B, ordering no. 4822 130 30959.
3. The instrument PM 5519 from version LO 05... onwards has got the certificate of conformity VDE/IEC 348. The mains transformer pos. 785 and the wiring has changed (see diagram).

Mains transformer pos. 785 ordering no. 5322 146 20675

POWER IN



4. Because of problems concerning correct lines per frame  
- omit diode pos. 403/U10.  
- increase value of capacitor pos. 508/U10 to 10N, ceramic plate.  
(pages 68, 69, fig. 35)  
From LO 06.. onwards these measurements are already performed.
5. Because of increased bandwidth (video amplitude) transistors pos. 320/321 of unit 10 are changed to type BF494, ordering no. 4822 130 44195.

9499 528 03311