



# COLOUR TV PATTERN GENERATOR

## MODEL IE 1044

S-1044 Color Pattern Generator is ideally suited for Service, Production and Education.



### SPECIFICATIONS

#### Test Patterns

- |                       |                  |   |           |
|-----------------------|------------------|---|-----------|
| 1. 8 Color Bars       | 2. Checker Board | 3. Crosshatch   | 4. Dots   |
| 5. White              | 5. Red           | 7. Blue   | 8. Green  |
| 9. Magenta            | 10. Cyan         | 11. Yellow  | 12. Black |
| 13. Linearity         | :                | A Rhombic pattern can be inserted in all patterns, with a correct aspect ratio of 4:3 useful for adjusting height, width and linearity. |           |
| 14. Decoder Output    |                  |   |           |
| 15. RF                | :                | Channel 4 and Channel 5 to 12   |           |
| 16. IF                | :                | All patterns are available modulated on IF carrier. The 38.9MHz is Xtal derived. This is extremely useful for color adjustments.        |           |
| 17. RF Output Voltage | :                | 10mV or higher  |           |
| 18. Attenuator        | :                | 75dB in 5 steps of 3 x -20dB, -10dB and -5dB for IF and Ch4.  |           |
| 19. Video             | :                | 1 V p-p approx into 75 ohms   |           |
| 20. Sound             | :                | 5.5 MHz carrier with 1 KHz modulation ON/OFF  |           |
| 21. Trig Outputs      | :                | Line and Frame frequencies  |           |
| 22. Ext Audio Input   | :                | 100Hz to 6KHz approx  |           |
| 23. Sync - Line Freq  | :                | 15625 Hz Xtal derived, Frame 312  |           |
| 24. Chroma Section    | :                | System PAL 4.433619 MHz Xtal derived Color Burst - 10 cycles +/- 2cycle   |           |
| 25. Chroma            | :                | ON/OFF  |           |
| 26. Accesories        | :                | Operating Manual, Cable   |           |

In keeping view of SIGMA policy of continuous development and improvement, the Specifications may be changed without prior notice or obligation.

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