

# 951 HOME ELECTRONICS

## MODULATOR WIDEBAND BG STANDARD STEREO



Code : **9510067**

Model : **MD-531**

### Description

TV modulator with stereo audio, which generates an analogue TV channel from the audio and video signals. The generated channel is mixed with the rest of the channels of the TV installation. It modulates the output channel for any channel of the terrestrial band based on the the B/G CCIR standard.

### Applications

It modulates the audio and video signal of a satellite receiver, DVD, video or surveillance camera, in order to distribute it in the TV installation of the house. The audio and video signals are obtained from the scart connector of the video.

### Characteristics

The output channel can be selected by means of switches. Essential features of this equipment are the high carrier to noise ratio together with a very reduced spurious level in the band. Modulation in DSB double side band. F type connector and RCA connector for audio/ video.

| CODE                      |                      | 9510067                                |
|---------------------------|----------------------|--|
| MODEL                     |                      | MD-531                                 |
| TV System                 |                      | AM-TV B/G CCIR                         |
| Frequency range           | MHz                  | 47-862                                 |
| Output channel            |                      | 2 - 4<br>5 - 12<br>21 - 69<br>S1 - S41 |
| Video input level         | V <sub>pp</sub>      | 1,0 (75Ω)                              |
| Audio input level         | V <sub>pp</sub>      | 0,2 - 2,0 (10Ω)                        |
| Audio                     |                      | Unbalanced                             |
| Output level              | dB <sub>uV±TOL</sub> | 84 ±2,0                                |
| Output level adjust       | dB                   | 15                                     |
| Output level stability    | dB                   | 0,5                                    |
| Multiplexing through loss | dB±TOL               | 0,9 ±0,1                               |
| Carrier/noise ratio (C/N) | dB                   | >58                                    |
| Audio signal/noise ratio  | dB                   | >45                                    |
| Return loss               | dB                   | >15                                    |
| Chroma-luminance delay    | ns                   | <40                                    |
| No-linearity of luminance | %                    | <3                                     |
| Differential gain         | %                    | <3                                     |
| Differential phase        | °                    | <3                                     |
| Response to the 2T pulse  | %                    | <3                                     |
| Connectors                |                      | F female                               |
| Audio/video connector     |                      | 2 x RCA Audio stereo<br>1 x RCA Video  |
| Power supply              | V~                   | 230 ± 10% 50/60 Hz                     |
|                           | mA                   | 5                                      |
| Operating temperature     | °C                   | -10...+65                              |
| Protection index          |                      | IP 20                                  |
| Units per packing         |                      | 1                                      |
| Packing weight            | Kg                   | 0,58                                   |
| Packing dimensions        | mm                   | 165 x 100 x 50                         |