



WAM-520 Mini Agile Modulator

FEATURES

- Easy slide-in mounting design to make installation easy and space efficient.
- VHF/UHF complete channels agile
- CPU & PLL controls
- Video/Audio level adjustable
- Pre-installation & packing at factory available
- Switching Power Supply works from 90-260 VAC
- CATV/TV band selections
- LED channel display
- Front panel controls

*Single module with power adaptor

*With 1U-high rack & switching power supply for 4 modules

*With 2U-high rack & switching power supply for 10 modules

SPECIFICATIONS

RF

| | |
|------------------------|---|
| Frequency Range | : PAL-B/G 48 to 860 MHz ; PAL-D/K 48 to 860 MHz PAL-I 55 to 860 MHz ; NTSC 54 to 860 MHz |
| Output Level | : + 45 dBmV (minimum 15dB adjustment range.) |
| Output Impedance | : 75 Ohms |
| A / V Ratio | : Audio carrier level, adjustable from -9 ~ -30dB Referenced to video carrier level. |
| Frequency Stability | : ± 5KHZ |
| Intercarrier Frequency | : PAL-B/G 5.5MHz ± 5KHZ ; PAL-D/K 6.5MHz ± 5KHZ PAL-I 6.0MHz ± 5KHZ ; NTSC 4.5MHz ± 5KHZ |
| Spurious Outputs | : -60 dBc typical measured at 15 dB A/V ratio and with Modulator output level of + 45 dBmV. |
| C/N | : 60 dB Typical |

VIDEO

| | |
|----------------------------------|--|
| Input Level for 87.5% Modulation | : 1 Vp-p. Manual gain adjust with front panel control. |
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Winners Digital Corporation.

TEL : 886-2-27820711 (REP) FAX : 886-2-27828490

3F, No. 4, Lane 263, Chongyang Rd., Taipei 115 Taiwan

WEBSITE : www.winersat.com.tw E-MAIL : service@winersat.com.tw



The name you can count on

Input Impedance : 75Ohms
Frequency Response : ± 1 dB (Within 5MHz)
S/N : 60dB Typical

AUDIO

Input Level for 25 KHz Peak : 140 mVrms. Manual gain adjust with front panel control.
Deviation
Input Impedance : Greater than 10 K Ohms , unbalanced.
Pre emphasis : PAL-B/G 50 μ Sec ; PAL-D/K 50 μ Sec
PAL-I 50 μ Sec ; NTSC 75 μ Sec
Frequency Response : ± 1 dB (40Hz to 15 KHz)

GENERAL

DC Power Input : +12V $\pm 5\%$ at 160 mA typical, 180 mA maximum.
+5 V $\pm 5\%$ at 460 mA typical, 480 mA maximum.
Operating Temperature : 0 $^{\circ}$ C to + 50 $^{\circ}$ C
Size : 1"W * 3.5"h * 7.5" d (2.5cm)W * (8.9cm) H * (19.1 cm)*D.
Weight : 0.3 Kg

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