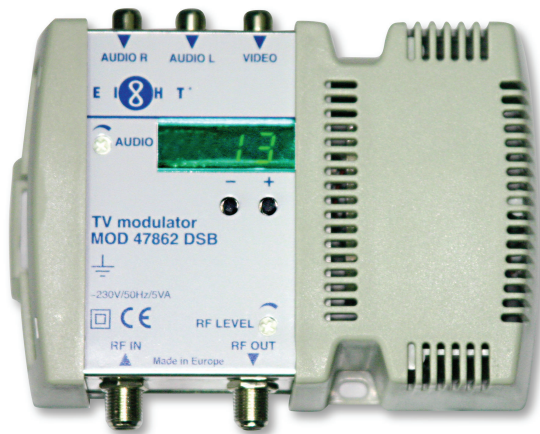




Infinite Possibilities



- Frequency agile double sideband TV modulators
- Non-volatile channel memory
- PLL crystal stabilization of carriers frequency
- Adjustable audio input level
- Loop through RF combining
- Whole TV range covered by one module
- Internal pattern generator

- Connectors:  
Video/audio - type 3xRCA socket, RF - F type

**MOD 47862 DSB**

standards: D, K, B, G, M, N, H, I, L

**MOD 47862 DSB S**

standards: B, G, stereo



## DSB TV Modulators MOD 47862 DSB /S

MODEL	MOD 47862 DSB	MOD 47862 DSB S
<b>RF output</b>	Level(typical)/Impedance	100 dB $\mu$ V / 75 $\Omega$
	Level Adjustment	0 , -15dB
	Output Frequency Range <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">pr.</span>	21-69 (G, H, I, K) 470,862 MHz; 14-78 (M,N) 470,862 MHz; 6-SR18(D) 174,294MHz** E5-S20 (B) 174,300MHz***; 1-3 (D) 48,5,84MHz**; E2-E4 (B) 47,68MHz***
<b>Video input</b>	Frequency Range	20 Hz - 6 MHz
	Level/Impedance	1V $\pm$ 1dB/75 $\Omega$
<b>Audio input</b>	Frequency Range	20Hz - 15kHz
	Level/Impedance/Deviation*	775 mV RMS / 10kw / 50kHz
<b>Carriers Accuracy</b>		$\pm$ 20kHz
<b>Sound Subcarrier Frequency</b>	5.5 MHz, 6.0 MHz, 6.5 MHz	A2 Stereo
<b>Fine Tuning Range of Video Carrier Frequency</b> <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">pr.</span>		$\pm$ 2.25 MHz max. by 0.25 MHz step
<b>Combining Trough Loss</b> <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">pr.</span>		<2.0dB
<b>Frequency Range of RF Combining</b>		47-862 MHz
<b>Video Frequency Response</b>		$\pm$ 1dB
<b>A/V Ratio (switchable)</b>		12/16 dB
<b>Amplitude Modulation Depth, Typical</b> <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">pr.</span>		75%
<b>Signal / Noise Ratio, Weighted</b>		55 dB
<b>II, III Order Intermodulation Distortion</b>		< -60 dB
<b>Power Consumption</b>		230V / 50Hz/2VA
<b>Operating Temperature Range</b>		-10 $^{\circ}$ , +50 $^{\circ}$ C
<b>Dimensions</b>		128 x 120 x 54mm
<b>Weight (packed)</b>		0.5kg

\* Available to set standard deviation  $\pm$ 50kHz of sound carrier when input level 150 mV, 775mV

\*\* Output channels are specified when sound subcarrier frequency 6.5 MHz (standard OIRT)

\*\*\* Output channels are specified when sound subcarrier frequency 5.5 MHz (standard CCIR)

pr. Software control

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Specifications subject to change without notice.

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