

**JIUZHOU AGILE MODULATOR JB862-A**

**FEATURES**

- 870MHz Full-channel adjustable.
- IF modulation signal dealing, excellent Audio & Video linearity.
- High-stability webbing filter, parasitical output restrain  $\geq 60$ dB.
- Fourfold PLL frequency lock.
- High quality RF Hybrid to ensure high level and Low distortion.
- Power-off memory, Subjoin displaying.

**SPECIFICATIONS**

RF	UNIT	SPECIFICATIONS	
Frequency Range	MHz	45~870MHz	
Output Level	dB $\mu$ V	$\geq 115$	
Spurious Suppression	dB	$\geq 60$	
Webbing Restrain	dB	$\geq 25$	
Frequency Accuracy	KHz	$\leq 5$	
Output Reflection	dB	$\geq 10$	
Picture-Audio Separation	KHz	6500 $\pm$ 1 KHz (PAL-D/K)	
V/A Rate	dB	10~20dB adjustable	
IF Output Frequency	MHz	38 MHz (PAL-D/K)	38.9 MHz (PAL-B/G)
IF Output Level	dB $\mu$ V	90	
<b>VIDEO</b>			
Input Level	Vp-p	$\geq 0.7$ Vp-p	
Input Impedence	$\Omega$	75 $\Omega$	
Modulation Degree	-	87.50%	
Differential Phase	-	$\leq 3^\circ$	
Differential Gain	-	$\leq 3\%$	
Delay	ns	$\leq 45$ ns	
Frequency Response	dB	$\leq 2$ dB	
Flatness	dB	$\leq 2$ dB	
K Coefficient	-	$\leq 4\%$	
S/N	dB	$\geq 50$	
<b>AUDIO</b>			
Input Impedance	K $\Omega$	$\geq 10$ K $\Omega$	
Input Level	dBm	0	
Pre-Aggravate	uS	50	
Distortion	-	$\leq 0.5\%$	
Frequency Response	dB	$\leq 1.5$	
Audio S/N	dB	$\geq 55$	
<b>CONNECTOR</b>			
Audio / Video Input	-	Lotus connector	
RF / IF	-	FL10	
<b>POWER</b>			
Power Supply	V	AC 220V $\pm$ 10%	
Power	W	max. 8W	
<b>MECHANICAL</b>			
Dimensions	mm	483x110x44	
Weight	kg	4.0	