

YST936 AM/FM Combined Digital Tuners

YST936 AM/FM 一体化数字调谐收音组件

Features

- With external dimensions $62 \times 62 \times 20\text{mm}$, can be made compatible with miniaturized mini and micro-component stereo equipment.
- Incorporates both FM and AM audio output circuits and PLL ICs. The high frequency sections in sets need no adjustment.
- Conforms to FCC standards.
- Fully shielded structure and antenna connector make the unit highly resistant to external noise.



特点

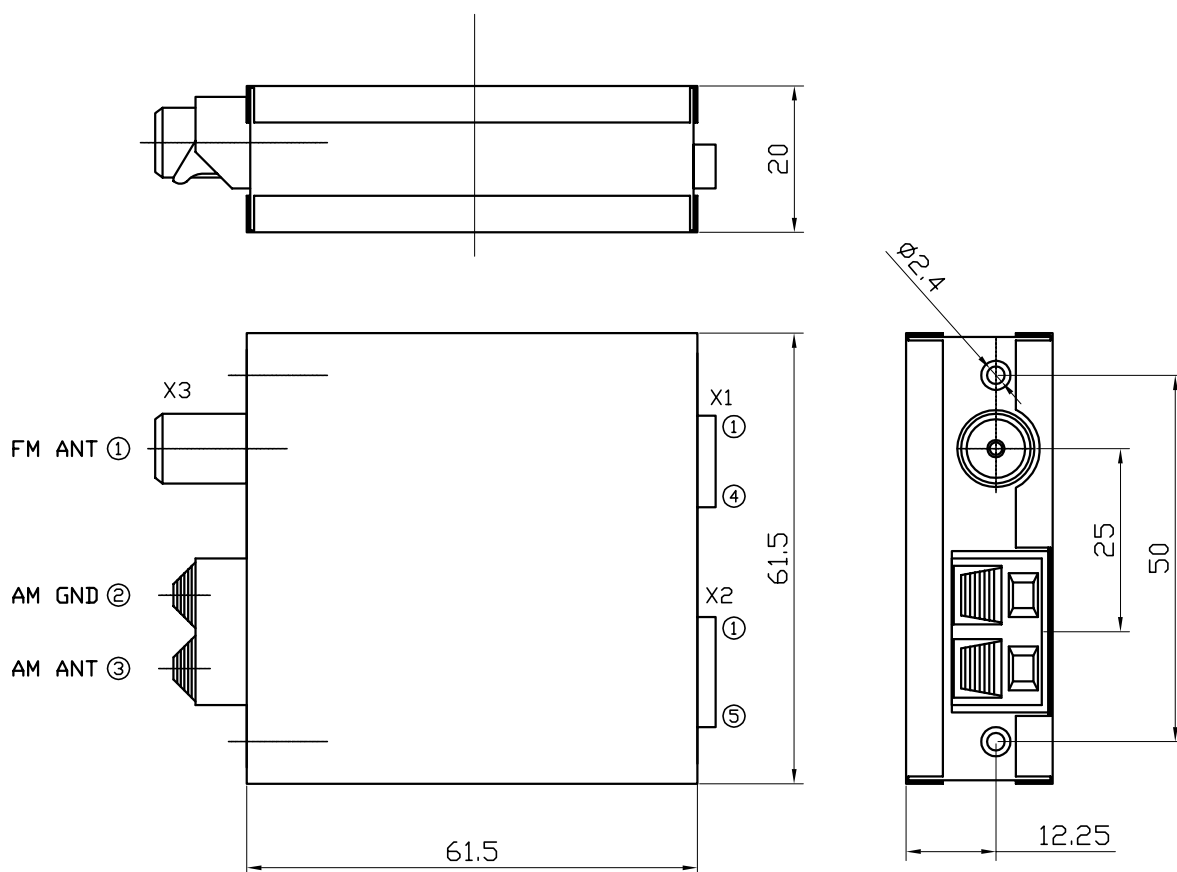
- 外形尺寸： $62 \times 62 \times 20\text{mm}$ ，适合用于小型化的袖珍型和微型组合立体声装置。
- 合并式 FM/AM 两通道音频输出电路和锁相环 IC；高频部分无需调整。
- 符合 FCC 标准。
- 天线连接口和全屏蔽结构组成一体化，对外部干扰有很强的抵抗能力。

Electrical Characteristics 电性能

IFEM 项目		YST936-A1U2	YST936-C1L2
Supply voltage	电源电压	12V	12V
Current drain	电流消耗	90mA max	90mA max
Tuning Range 调谐范围	FM	87.5~108.1MHz	64~108MHz
	AM	530~1710kHz	522~1620kHz
Usable Sensitivity 实用灵敏度	FM	10dB μ typ. S/N=30dB	10dB μ typ. S/N=30dB
	AM	60dB μ /m typ. S/N=26dB	60dB μ /m typ. S/N=26dB
S/N Ratio(mono) 收音信噪比（单声道）	FM	60dB	60dB
	AM	40dB	40dB
Total harmonic distortion 总谐波失真	FM	2.0%	2.0%
	AM	3%	3%
Image rejection 镜像抑制比	FM	16dB	16dB
	AM	20dB	20dB
IF Rejection 中频抑制比	FM	60dB	60dB
	AM	45dB	45dB
STEREO Separation 立体声分离度	FM	25dB	25dB
	AM	—	—

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X1	
NO.	NAME
①	L-OUT
②	GND
③	R-OUT
④	+12V

X2	
NO.	NAME
①	D0
②	CL
③	DI
④	CE
⑤	GND