

U 921系列 2通道恒流源调理器

产品规格书

U 921 series 2-channel

Constant Current Source Conditioner

Product Specification

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产品简介



U921系列 2通道恒流源调理器

U 921系列是一款低底噪的4mA恒流源调理器，支持传声器，加速度计等传感器。

系列包含 U 921、U 921A、U 921B 三款型号。

规格参数

通用产品参数	
满载功耗	5V/200mA
通道数	2
总线	BNC
产品尺寸(mm)	96*33*140
适用温度	-20°C - 50°C

音频特性参数对比

	U 921	U 921A	U 921B
输入阻抗	1Mohm		
输出阻抗	100ohm		
IEPE恒流源	4mA	4mA	4mA
频响范围	20Hz - 80kHz (-1dB)	20Hz - 300K(-1dB)	20Hz - 80K(-1dB)
底噪	<16uVrms (线性计权)	<3uVrms (线性计权)	<6uVrms (线性计权)
增益	0dB (*1) 和20dB (*10)	0dB	0dB
控制接口	/	/	AC/DC耦合切换，IEPE开/关切换

订购信息

PN号	型号	说明
910025-01	U 921	信号调理器，IEPE 增益 2 档可调：x1，x10
910025-02	U 921A	信号调理器，x1，底噪更低
910025-03	U 921B	信号调理器，x1，AC/DC耦合切换，IEPE开/关切换
730002-000	102A	50欧BNC_BNC低噪声线缆，可定制长度
730002-030	102A030	50欧BNC_BNC低噪声线缆，长度3.0m
730002-060	102A060	50欧BNC_BNC低噪声线缆，长度6.0m
730002-090	102A090	50欧BNC_BNC低噪声线缆，长度9.0m

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Product introduction



Constant Current Source Conditioner

U 921 serial is a low noise 4mA constant current source conditioner that supports sensors such as microphones and accelerometers.

The series includes U 921, U 921A, and U 921B.

Specification parameters

Parameters	
Full-load power consumption	5V/200mA
Number of channels	2
Bus	BNC
Product dimensions (mm)	96*33*140
Operating temperature	-20°C - 50°C

Audio characteristics parameters

	U 921	U 921A	U 921B
Input impedance	1Mohm		
Output impedance	100ohm		
IEPE constant current source	4mA	4mA	4mA
Frequency	20Hz - 80kHz (-1dB)	20Hz - 300K(-1dB)	20Hz - 80K(-1dB)
Noise floor	<16uVrms (Linear weighting)	<3uVrms (Linear weighting)	<6uVrms (Linear weighting)
Gain	0dB (*1) 和20dB (*10)	0dB	0dB
Control interface	/	/	AC/DC coupling switching, IEPE on/off switching

Ordering Information

PN	Model	Description
910025-01	U 921	Signal conditioner, IEPE gain adjustable in 2 levels: x1, x10
910025-02	U 921A	Signal conditioner, x1, lower noise floor
910025-03	U 921B	Signal conditioner, x1, AC/DC coupling switching, IEPE on/off switching
730002-000	102A	BNC Plug to BNC Plug low noise cable, length 1.5m
730002-030	102A030	BNC Plug to BNC Plug low noise cable, length 3.0m
730002-060	102A060	BNC Plug to BNC Plug low noise cable, length 6.0m
730002-090	102A090	BNC Plug to BNC Plug low noise cable, length 9.0m

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