

QL5R

双通道自动选讯接收机

Dual Channel Automatic Signal Selection Receiver

QL SERIES



产品特性 Features

- ▶ 金属外壳的1U标准机柜设计结构，双通道接收。
- ▶ 采用自动选讯接收方式，使接收断音降到最低。
- ▶ 红外线数据自动同步功能(SYNC)。
- ▶ 采用特性最稳定的锁相环回路合成调谐器(PLL)，可有效阻隔环境中的嘈杂射频干扰。
- ▶ 600个UHF可选频道，与工厂预设的互不干扰的32个频组。
- ▶ 发射器使用OLED屏幕，任何角度都能清晰显示系统资料。
- ▶ 平衡式XLR输出和非平衡式6.3mm(1/4)输出。
- ▶ 环境电磁波扫描，自动选择一个最小干扰的频率。
- ▶ 可以设置接收通道名字。
- ▶ 发射器采用超宽频120MHz，适用于专业演出，高要求的KTV包厢、学校课堂、多功能厅、以及公共广播，具有安装容易，操作简便，特性稳定的专业品质。
- ▶ Metal case 1U standard cabinet design structure, dual channel receiving;
- ▶ The method of automatic selection and reception is adopted to minimize received interruptions.
- ▶ Infrared data auto - synchronization function (SYNC)
- ▶ The most stable PLL synthesis tuner (PLL) can effectively block the noisy RF interference in the environment.
- ▶ 600 UHF optional channels with factory default 32 non-interference frequency groups.
- ▶ The emitter uses OLED screen to display system data clearly at any angle
- Balanced XLR output and unbalanced 6.3mm (1/4") output;
- ▶ Ambient electromagnetic wave scanning, automatic selection of a minimum interference frequency.
- ▶ You can set the receiving channel name
- ▶ It is suitable for professional performance, high demand KTV room, school classroom, multifunction hall and public broadcast. It has the characteristics of easy installation, simple operation and stable characteristics.

参数规格 Specifications

机箱规格	EIA 标准1U	Dimension	EIA standard 1U
通道组数	双通道	Channel	dual
频率稳定性	$\pm 0.005\%$, PLL 锁相回路频率控制	Frequency Stability	Phase-locked loop frequency control
载波频段	UHF 603-935MHz	Carrier Band	UHF 603-935MHz
工厂预设通道	32个预设通道	Factory Default Channel	32 default channels
工作有效距离	一般90米(空旷地方)	Working Effective Distance	General 90m (empty wide space)
振荡方式	PLL 锁相回路频率控制	Mode Of Oscillation	PLL phase-locked loop frequency control
灵敏度	在偏移度等于25kHz,输入6dBV时,S/N > 60dB	Sensitivity	When the drift rate is equal to 25kHz and the input is 6dB
频带宽度	30MHz	Frequency Bandwidth	30MHz
最大偏移度	$\pm 45\text{kHz}$	Maximum Deviation	$\pm 45\text{kHz}$
综合S/N比	> 105dB	Integrated S/N ratio	> 105dB
综合T.H.D.	< 0.7% @ 1kHz	Synthetic T.H.D.	< 0.7% @ 1kHz
综合频率响应	45Hz ~ 18kHz ($\pm 3\text{dB}$)	Integrated Frequency Response	45Hz ~ 18kHz ($\pm 3\text{dB}$)
供电	DC = 12V/1A, 12W	Power Supply	DC = 12V/1A, 12W



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产品特性 Features

- ▶ 手持咪的机身以坚固及符合人体工程学的金属制造，专业耐用。
- ▶ 宽广的动态范围与平滑的频率响应。采用超宽频120MHz，特别适用于专业演出，高要求的KTV包厢、学校课堂。
- ▶ 音头模组分离式设计、可选配其它的音头组件。
- ▶ 采用OLED显示屏，任何角度都能清晰显示发射器状态。红外线数据同步功能，能自动、快速及精确地与接收机同步。
- ▶ 高节能发射电路，采用1.5V,AA电池，可持续使用10小时。
- ▶ The handheld body is made of solid and ergonomic metal, which is professional and durable.
- ▶ UWB 120MHz, especially suitable for professional performances, high requirements of KTV room, school classrooms.
- ▶ Wide dynamic range and smooth frequency response.
- ▶ Sound head module is separate design, can be assembled with other head.
- ▶ With OLED display, the transmitter status can be clearly displayed at any angle.
- ▶ Infrared data synchronization function, automatic, fast and accurate synchronization with the receiver.
- ▶ High energy saving transmitting circuit, 1.5V,AA battery, sustainable for 10 hours.

参数规格 Specifications

载波频段	UHF603-935MHz	Carrier Band	UHF603-9350mHz
振荡方式	PLL相位锁定频率合成	Mode of Oscillation	PLL phase-locked frequency synthesis
谐波辐射	< -65dBm	Harmonic Radiation	< -65dBm
频带宽度	120mHz	Frequency Bandwidth	120mHz
最大偏移度	±45kHz	Maximum Deviation	±45kHz
音头	动圈式,心型指向性	Sound Head	Dynamic,Cardiac directivity
功率输出	10mW	Power Output	10mW
电池	AA×2	Battery	AA×2
电流消耗	100mA(典型)	Current Consumption	100mA(Typical)
电池耗电/寿命	约7个小时	Battery Power Consumption/Lifetime	About 7 hours
尺寸 (W×H)	48×270mm	Dimension (W×H)	48×270mm
重量	370g	Weight	370g



QL-P/QL2/QL3

宽频腰挂发射器/头戴话筒/领夹话筒

Broad-band Bodypack Transmitter/Head Microphone/Clipper Microphone

QL SERIES



产品特性 Features

- ▶ 坚固耐用的金属机身，具有袖珍、轻巧便于佩戴的流线造型。高节能发射电路，采用单节1.5V，AA电池，可持续使用5小时。
- ▶ 采用超宽频120MHz，特别适用于高要求的KTV包厢、学校课堂。
- ▶ 采用迷你4针XLR连接头，可适用于领夹式、头戴式麦克风或吉他等信号输入。
- ▶ 采用OLED显示屏，任何角度都能清晰显示发射器状态。红外线数据同步功能，能自动、快速及精确的与接收机对频。
- ▶ Sturdy and durable metal fuselage with a pocket, lightweight and easy to wear streamline shape.
- ▶ UWB 120 MHz, especially suitable for KTV room, school classroom.
- ▶ Mini 4-pin XLR connector, suitable for collar clip, headset microphone, guitar and other signal input.
- ▶ Using OLED displayn, the transmitter status can be clearly displayed at any angle.
- ▶ Infrared data synchronization function, Automatic , Automatic , fast and accurate receiver-to-frequency.
- ▶ High energy saving transmitting circuit, 1.5V,AA battery, sustainable for 5 hours.

参数规格 Specifications

载波频段	UHF603-935MHz	Carrier Band	UHF603-935MHz
振荡方式	PLL相位锁定频率合成	Mode of Oscillation	PLL phase-locked frequency synthesis
谐波辐射	< -65dBm	Harmonic Radiation	< -65dBm
最大偏移度	±45kHz	Maximum Deviation	±45kHz
输入插座	4-pin迷你XLR插口	Input Socket	4-pin mini XLR socket
RF功率输出	15mW	Output Power	15mW
电池	AA×1	Battery	AA×1
电流消耗	160mA(典型)	Current Consumption	160mA(Typical)
电池耗电/寿命	约4.5个小时	Battery Power Consumption/Lifetime	About4.5 hours



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