

SDR-8200M IrDA

UHF 2-Way Sync True Diversity Receiver Module

CHIAYO SDR-8200M IrDA is a UHF Wireless True Diversity receiver with IrDA® Bidirectional Frequency Pairing Receiver Module, designed for diverse and high-performance audio applications. Whether in meetings, lectures, educational training, exhibitions, business activities, or religious events, this module ensures stable and high-quality audio reception, enhancing your audio equipment's performance.



Stable and High-Quality Audio Reception

The SDR-8200M IrDA utilizes advanced digital technology to guarantee stable and high-quality audio transmission. With a bandwidth of 25 MHz and equipped with 100 channels, it meets various application needs. Its true diversity feature provides exceptional audio quality, ensuring clear sound in large conference halls, lecture halls, and exhibition centers. These features significantly improve the performance of your equipment.

Easy Operation and Flexible Design

Designed with user convenience in mind, the module is easy to install and operate. The built-in LCD screen displays channels and frequencies in real-time, allowing users to monitor and adjust settings easily, ensuring audio clarity and detail. The module comes with an internal antenna to ensure signal reception range and stability. The patented IrDA® frequency alignment technology makes channel synchronization quick and simple, achieving bidirectional fast channel synchronization with just one click.

Model	SDR-8200M IrDA
Receiving mode	True diversity
Frequency range	UHF 500 - 960 MHz
Bandwidth	25 MHz
Preset frequencies	100
Channel sync	2-way (RX $\leftrightarrow$ TX)
Frequency response	50 Hz - 18 KHz
Peak deviation	$\pm$ 40 KHz
Sensitivity	S/N > 80 dBm at 10 dB μ V
S/N ratio	> 85 dB(A)
T.H.D.	< 0.5% @ 1 KHz
Receiving antenna	Built in
Modulation	FM
Squelch	Pilotone & Noise-cancelling dual-squelch circuit
Audio Output Adjustment	Volume knob for adjustment of output volume
Power supply	12V DC
Dimensions (mm)	74 $\times$ 138 $\times$ 36
Weight (g)	102

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