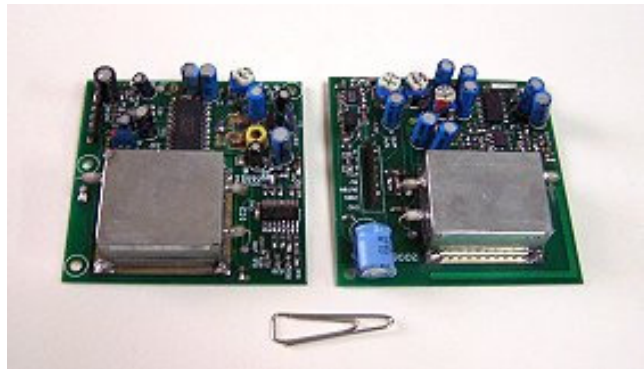


863Mhz Hi-Fi Stereo signal forwarding system

Model No. UD863RT02

The system consists of a FM stereo MPX Transmitter module for sending out the Hi-Fi audio at 900MHz and also a 900MHz receiver to retrieve the audio output to any Hi-Fi system input.



A. Transmitter module specification (UD863RT02-T)	
1. Frequency Coverage	: 863.9 MHz (CH1) 862.7MHz (CH2)
2. Modulation	: FM with stereo MPX
3. MPX sub-carrier frequency	: 19 KHz pilot tone carrie
4. FM input audio pri-emphases	: 75 μ s
5. Audio input impedance	: 50K Ohm
6. Audio input level	: 400mV
7. RF Out level	: 7dBm
8. Transmitting antenna	: concealed & integrated
9. Power supply	: +8V DC
10. Current consumption	: 100 mA max

B. Receiver Module specification (UD863RT02-R)	
1. Frequency Coverage	: 863 MHz \pm 2.0 MHz
2. Sensitivity	: 3 μ V @S/N =30dB
3. Audio output level	: 100mV (L=R)
4. Audio output impedance	: 1K Ohm
5. Signal to Noise ratio	: 60dB min.
6. Frequency Response	: 50 – 12 KHz (-3 dB)
7. Distortion	: 0.6%
8. Power supply	: 2.4 V DC
9. Current consumption	: 85mA max
10. Receiving Antenna	: concealed and Integrated

Remark:

1. Transmitter auto turn off after 2 minutes of input audio signal off.
2. Receiver with auto-scan tuning function.
3. Receiver's muting function in optional.

C. Effective operating range : 80 meter at open fie

UDC ELECTRONIC INDUSTRY LIMITED

Rm. A & B., 17/FI., Sincere Insurance Bldg., East Wing , 6 Hennessy Road , Wanchai , Hong Kong
Tel : (852) 2744 1613 (5 Lines) Fax : (852) 2785 0814 E-mail : udc@udcelect.com