

TECHNICAL SPECIFICATIONS

IR20REC RECEIVER

IR Carrier Frequency: 2.06 MHz and 2.56 MHz

Deviation Range: +40 KHz

Input Sensitivity

Wireless Mic: >100 dB

THD: <0.5% (at 1 KHz)

Operating Voltage: 12 - 22 Volts

Dimensions W x H x D: 14.7 x 8.1 x 2.6"

(372.2 x 204.2 x 65.5 mm) -Subject to change

Weight: 4.74 lbs. (2.15 kg) -Subject to change

Color: White- -Subject to change

CRSPMIC – PENDANT MICROPHONE (with Lanyard)

Polar Pattern Unidirectional Electret Condenser Mic

Transmitting Frequency 2.06 MHz or 2.56 MHz

Battery Rechargeable Model CRS-PBAT37 (1 Ea.)

Dimensions (H x W x D) 4.7 x 1.3 x 0.7" (120 x 34 x 18 mm)

Weight (With Battery) 0.13 lbs (0.57 kg)

Color Black

CRSPBAT37 – PENDANT MICROPHONE BATTERY

Battery 3.7 V, 800 MAh "AA" Appropriate

Lithium Battery. The power of the battery can last 4 hours

CRSPCH – PENDANT MICROPHONE CHARGER

Input Voltage 110 V AC / 60 Hz

Output Voltage 6 V DC

Output Current 1000 mA

Charging Duration 3 Hrs.

CRSIRS – I / R SENSORS

Carrier Frequency 2.06 MHz and 2.56 MHz

Off Axis Performance 140°

Cable Length 50 Ft.

Range 66 Ft. (20 m)

Dimensions (W x D x H) 3.25 x 1.25 x 2"

(82.55 x 31.75 x 50.8 mm)

CRSLMIC – LAPEL MICROPHONE W/ COLLAR CLIP-ON

Polar Pattern Cardioid Directional

Sensitivity 47 dB + 2 dB (1 KHz, 0 dB=1v/Pa)

Frequency Response 55 Hz – 17 KHz + 2 dB

Output Impedance 2.2K Ω

Power 3.7 V DC

Power Consumption 0.5 mA (Max)

S / N Ratio 60 dB

Cable Length 40 in. (1 m)

Accessories LM-WS Windscreen

OPTIONAL ACCESSORIES (Sold Separately)

CRSHSMIC – HEADSET MICROPHONE

Element Permanently Polarized Condenser

Polar Pattern Cardioid

Frequency Response 100 – 17 KHz

Sensitivity -44 dB (6.3 mV) 1 V @ 1 Pa

Max. Input Sound Level 120 dB 1 KHz @ 1% T.H.D.

Signal-to-Noise Ratio 60 dB, 1 KHz @ Pa

Battery Current / Life 0.1 mA @ 5 V

Voltage 2.5 – 11 V DC

Weight 0.04 lbs. (0.02 kg)

Headset Dimensions 6.10 in. (155 mm)

Microphone Dimensions 0.20 in. (5.1 mm) Diameter

Body Dimensions 6.7 in. (170 mm) Length

Cable Dimensions 40 in. (1.016 m) Long

Output Connector 3.5 Mini

Accessories HSM-WS Windscreen

Color Tan

CRSHMIC2 – HANDHELD MICROPHONE

Polar Pattern Unidirectional Dynamic

Transmitting Frequency 2.56 MHz

Battery Rechargeable – Model CRS-HHBAT1.2 (2 Each)

Dimensions (W x L) Head 1.9 x 9.5 in. (50 x 240 mm)

Color Black

CRSHHCHARGER – HANDHELD MICROPHONE BATTERY CHARGER

Input Voltage 100 - 240 V ~ 0.3 A - 50 - 60 Hz

Output Voltage 6 V AC

Output Current 1.0 A

CRSHHBAT12 – HANDHELD MICROPHONE BATTERY

Battery 1.2 V, NI-MH, 1600 MAh, "AA"



Architect & Engineer Specifications

The system shall be the IR20REC-KIT, comprised of OWI Model IR20REC Receiver; Model CRSIRS Infrared Sensors, CRSPMIC Pendant Microphone with Lanyard, CRSPBAT37 Pendant Mic Rechargeable Battery, CRSPCH Pendant Battery Charger, CRSLMIC Lapel Microphone, Optional accessories sold separately are the CRSHMIC2 handheld Microphone, CRSHHBAT24 Handheld Mic Rechargeable Battery, CRSHSMIC Headset Microphone.

The unit shall have two receiving channels with carrier frequencies of 2.06 and 2.56. The unit shall have an unbalanced mixed audio output. The CRSPMIC Pendant Mic shall operate on one rechargeable lithium battery Model CRSPBAT37. The recharging unit for the CRSPBAT37 shall be Model CRSPCH.

The IR20REC-KIT shall include two (2) CRSIRS infrared sensors. Each sensor shall include mounting adhesive tapes and a 50-foot cable. The IR20REC-KIT shall accept additional sensors with the use of another CRSIRS sensor (sold separately). A wireless Handheld Microphone is available (sold separately). It shall be the model CRSHMIC2. It shall operate on two (2) rechargeable NiMH batteries (Model CRSHHBAT12 - sold separately). The recharging unit for the CRSHMIC2 shall be the CRSHHCHARGER (sold separately).