

# INFRARED WIRELESS MICROPHONE SYSTEM

Model CRS-101



Available in a 2 or 4 Speaker Combination (Ceiling or Surface)

The OWI CRS-101 Will Make Any Seat...  
"The Best Seat In The Room."



CRS-CASE (Top View)

## FEATURES

### OWI CRS-101 – Infrared Wireless Microphone System is Suitable for Boardrooms, Classrooms, Computer Training Rooms and Hotel Ballrooms.

- With the CRS-101, people in the back of the room can hear just as well as those sitting up front. Audio drop-off occurs without a microphone and it increases dramatically toward the back of the room.
- The CRS-101 accepts 3 different line level inputs. It can also control 2 infrared wireless microphones at the same time.
- Each device can have its volume adjusted by independent controls to get the best audio effects for each room layout.
- Customize each room with two or four available OWI ceiling or surface mounted speakers.
- Convenient locking storage box for microphones.
- UL Listed

## GENERAL SPECS - CRS-101

### CRS-CASE – AMPLIFIER WALL CASE WITH MIXER/RECEIVER AND LOCK

IR Carrier Frequency:	2.06 MHz and 2.56 MHz
Deviation Range:	±40 KHz
Input Sensitivity	
LINE:	150 mV
TV/DVD:	150 mV (Unbalanced Line Mono)
COMP:	150 mV (Unbalanced Line Mono)
S/N	
LINE:	≥70 dB
TV/DVD:	≥70 dB (Unbalanced Line Mono)
COMP:	≥70 dB (Unbalanced Line Mono)
Wireless Mic:	≥100 dB
THD:	<0.5% (at 1 KHz)
Frequency Response:	60 Hz - 14 KHz ±3 dB
Output Power:	2-30 W (Max)
Operating Voltage:	AC 110V AC/60 Hz
Input Impedance	
LINE:	47 K Ω
TV/DVD:	47 K Ω (Unbalanced Line Mono)
COMP:	47 K Ω (Unbalanced Line Mono)
Power Consumption (Max):	70 W
Dimensions W x D x H:	14.7 x 8.1 x 2.6" (372.2 x 204.2 x 65.5 mm)
Weight:	4.74 lbs. (2.15 kg)
Color:	White

Enviro<sup>o</sup>tainment™

**OWI**<sup>®</sup>  
OWI Incorporated  
Established 1978  
www.owi-inc.com

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Color	White

### CRS-CASE WITH MIXER/RECEIVER AND LOCK

### RECOMMENDED OPTIONAL ACCESSORIES

#### CRS-HSMIC – 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-Pin/4-Pin XLRM – Type
Accessories	HSM-WS Windscreen
Color	Tan

#### CRS-HHMIC2 – HANDHELD MICROPHONE



Polar Pattern	Unidirectional Dynamic
Transmitting Frequency	2.06 MHz / 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

#### CRS-HHBAT1.2 – HANDHELD MICROPHONE BATTERY



Battery	1.2 V, NI-MH, 1600 MAh, "AA"
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#### CRS-HHCHARGER – 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

### ACCESSORIES (INCLUDED)

#### CRS-PMIC – PENDANT MICROPHONE



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

#### CRS-PBAT37 – PENDANT MICROPHONE BATTERY



Battery	3.7 V, 800 MAh "AA" Appropriate Lithium Battery. The power of the battery can last 4 hours
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#### CRS-PCH – PENDANT MICROPHONE CHARGER



Input Voltage	110 V AC/60 Hz
Output Voltage	6 V DC
Output Current	1000 mA
Charging Duration	3 Hrs.

#### CRS-IRS – 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)

#### CRS-LMIC – 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	5 V DC
Power Consumption	0.5 mA (Max)
S/N Ratio	60 dB
Cable Length	40 in. (1 m)
Accessories	LM-WS Windscreen

### RECOMMENDED OWI SPEAKERS



#### SURFACE MOUNTED SPEAKERS

P5278 – 5" Speaker
P6278 – 6" Speaker
P8378 – 8" Speaker



#### OWI IN-CEILING SPEAKERS

IC5 – 5" Speaker
IC6 – 6" Speaker



#### OWI, Inc.

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