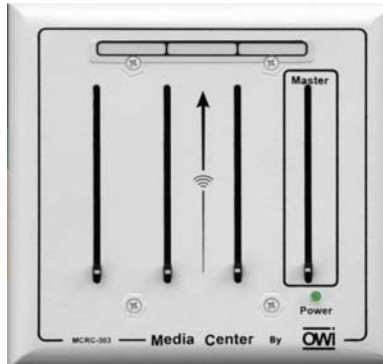


# Installation Instructions

## Model MCRC303

### MEDIA CENTER by OWI



Established 1978

#### **OWI Incorporated**

17141 Kingsview Ave. Carson CA 90746 USA

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**Technical Support: 310-515-1900**



**CAUTION**  
**RISK OF ELECTRIC SHOCK**



**DO NOT OPEN**

**CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK**  
**DO NOT REMOVE COVER (OR BACK)**  
**NO USER-SERVICEABLE PARTS INSIDE**  
**REFER SERVICING TO QUALIFIED PERSONNEL**



The lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user of the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.

## IMPORTANT SAFETY INSTRUCTIONS

1. Read these instructions - All the safety and operation instructions should be read before this OWI product is operated.
2. Keep these instructions - The safety and operating instructions should be kept for future reference.
3. Heed all warnings - All warnings on this product and in these operating instructions should be followed.
4. Follow all instructions - All operating and other instructions should be followed.
5. Do not use this apparatus near water - for example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, near a swimming pool, swamp or salivating St. Bernard dog, etc.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions. - This OWI product should be situated so that its location or position does not interfere with its proper ventilation. For example, the Component should not be situated on a bed, sofa, rug, or similar surface that may block any ventilation openings, or placed in a built-in installation such as a bookcase or cabinet that may impede the flow of air through ventilation openings.
8. Do not install near any heat sources such as radiators, heat registers, stoves or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wider blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit the apparatus.
11. Only use attachment/accessories specified by the manufactures.
12. Use only with the cart, stand, tripod, bracket or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.



13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped. The user should not attempt to service this OWI product beyond those means described in this operating manual. All other servicing should be referred to the OWI Service Department.
15. To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.
16. To prevent electric shock, do not use this polarized plug with an extension cord, receptacle or other outlet unless the blades can be fully inserted to prevent blade exposure.
17. Exposure to extremely high noise levels may cause permanent hearing loss. Individuals vary considerably in susceptibility to noise-induced hearing loss, but nearly everyone will lose some hearing if exposed to sufficiently intense noise for a period of time. The U.S. Government's Occupational Safety and Health Administration (OSHA) has specified the permissible noise level exposures shown in the following chart. According to OSHA, any exposure in excess of these permissible limits could result in some hearing loss. To ensure against potentially dangerous exposure to high sound pressure levels, it is recommended that all persons exposed to equipment capable of producing high sound pressure levels use hearing protectors while the equipment is in operation. Ear plugs or protectors in the ear canals or over the ears must be worn when operating the equipment in order to prevent a permanent hearing loss if exposure is in excess of the limits set forth here.
18. OWI recommends that this apparatus is to be placed on a switched power outlet, one that switches both sides of the line and has contact separation of at least 3mm.

<b><u>Duration Per Day</u></b>	<b><u>Sound Level dab</u></b>	<b><u>Typical</u></b>
In Hours	Slow Response	Example
8	90	Duo in small club
6	92	
4	95	Subway Train
3	97	
2	100	Very loud classical music
1.5	102	
1	105	Patrice screaming at Ron about deadlines
0.5	110	
0.25 or less	115	Loudest parts at a rock concert



## Installation Instructions **MEDIA CENTER** **Model MCRC303**

MCRC303 carton includes the following items:

1. One (1) each MCRC303
2. One (1) each UL Listed Power Supply

### **Introduction:**

Congratulations on purchasing the Media Center by OWI.

The OWI MEDIA CENTER is a 50-Watt (25 x 2) High Fidelity Amplifier, Mixer, and Room- Combiner all in a small package that fits into a double gang box. This high quality durable unit is capable of powering up to 4 speakers per side for voice, music and paging. The Media Center has 3 independent inputs that can be used for Line or Mic input.

The MEDIA CENTER is meant to replace bulky racks, amps, and mixers. OWI made to fit into a double gang box where space is limited.

#### Assembly Steps:

Please note that the GANGBOX SHOULD BE cut into the wall and all wires are best to be run in the wall.

Mark the wall were you will be cutting and make sure that nothing is behind the wall before you cut. Be sure that nothing is going to disturb the placement of the INWALL AMPLIFIER.

Please note that this is a digital amplifier. This amplifier is small enough for it to fit into a double gang box, and gives off very little heat.

#### ***Important!***

All connections should be made with the power turned **OFF!**

**Note:** Strip all wires 3/16" and place the wires in the connector and tighten screw to the right.

Note: this must be done for each input.

- 1) Disconnect the Green Phoenix connector and connect the wires for your line source/s to the Green Phoenix connector. Then Plug this into the MEDIA CENTER to the desired input (1, 2, or 3) be sure that the RED jumper is in the Line spot.
- 2) Disconnect the Green Phoenix connector and connect all the microphone/s to the MEDIA CENTER to the desired input (1, 2, or 3) be sure that the RED jumper is in the Mic spot.
- 3) Disconnect the Green Phoenix connector and connect the speaker wires to the SPKR CH1 (Red to +, Black to -) phoenix connectors SPKR CH 2 (Red to +, Black to -) phoenix connectors. These are both 25 watts each.
- 4) Connect the UL listed 15-Volt transformer (supplied) to input the amplifier. The wires must not be crossed

and will damage the Media Center if this is done. Please note that the power supply must be plugged in to a 110-volt outlet.

- 5) Finish terminating all the wiring before powering up the MEDIA CENTER.
- 6) Turn on amplifier and test system.
- 7) Next place the amplifier into the gang box and add the screws to the face screws and add the screws to the faceplate and test the system one last time.

### ***Connecting the Media Centers to another Media Center***

**Note: If you are going to do this please note that you will lose one of the inputs on all of the additional MEDIA CENTERS.\***

- 1) Connect a line between the Media Center to the other MEDIA CENTERS with either a 2 conductor wire or CAT-5 (only use one pair of the CAT-5 ) Plug them into the desired input (1,2, or 3) be sure that the jumper (red plastic) is in the Line spot. Be sure to label the location for the combining location.
- 2) Connect the other local equipment in the room (microphone/s or Sources) to the MEDIA CENTER to the other desired input (1, 2, or 3) be sure that the jumper (red plastic) is in the correct Mic or line spot.
- 3) Connect the speaker wires to the SPKR CH1 phoenix connectors SPKR CH 2.

**\* Everything from the first MEDIA CENTER will be heard on all the speakers if the slide switch is greater than the off position.  
System is now fully operational.**

#### **Description:**

Specifications:

- 2 x 25 Watt Amplifier
- 15 Volt DC Power
- Three Selectable, Balanced Mic/Line Inputs

Features:

- Latest Digital Amp Design
- Three Selectable, Balanced Mic/Line Inputs
- Onboard Limiting
- Active Balanced Line Output
- Individual Mic/Line Controls
- Uses Latest Surface Mount Technology
- Short Circuit Protected
- Over Voltage Protected
- Over Heat Protected
- UL Rated Power Supply
- V-0 Fire Rated Plastic
- Dockable Wire Connectors
- Master Gain Control
- Projector Compatible
- Allows for Input Wire Runs of up to 3000 feet
- Allows for Line Out Wire Runs of up to 3000 feet
- Double Gang Box Shallow Mounting
- Finger Tip Sliders (Reduces chance of breakage)
- Up to 8 Speakers Maximum (4 speakers per side)
- Best use with OWI Model ICT82A In-ceiling Aluminum Speakers and other OWI Speakers
- Warranty – 1 year

**LIMITED WARRANTY**

1. The MCRC303 has been thoroughly tested and inspected at the factory. It is warranted for one (1) year from date of purchase.  
IT IS THE OWNERS' RESPONSIBILITY TO ESTABLISH THE DATE OF PURCHASE BY ACCEPTABLE EVIDENCE AT TIME SERVICE IS SOUGHT.
  2. Any unit, which in the judgment of OWI INC. is defective or develops defects under normal use will be replaced or repaired without cost within the warranty period.
  3. This warranty will be considered void if unit has been dropped, misused, abused, altered in any manner, overdriven with excessive amplification exceeding manufacturer's specification, improperly serviced or accidental damage.
  4. OWI Inc. shall have no liability whatsoever for consequential damage. The sole responsibility and discretion of OWI Inc. under this warranty shall be limited to the repair of the product or replacement thereof.
  5. IMPORTANT: This warranty is void unless the attached card is completed and mailed to OWI Inc. within 10 days following the date of purchase. Units must be sent to OWI Inc. or to the dealer where purchased.
- 

**OWI INCORPORATED**  
17141 Kingsview Ave  
Carson, CA 90746

**Date Purchased:** \_\_\_\_\_  
**Model Number:** \_\_\_\_\_  
**Serial Number:** \_\_\_\_\_

(Keep this part for your record)

-----CUT AND MAIL-----



**OWI INCORPORATED**  
17141 Kingsview Ave  
Carson, CA 90746

**LIMITED WARRANTY**

Model Number: \_\_\_\_\_

Model Name: \_\_\_\_\_

Serial No. \_\_\_\_\_

Date of Purchase: Month: \_\_\_\_\_ Day \_\_\_\_\_ Year \_\_\_\_\_

Owner's Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Dealer's Name: \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_

Purchased from (please check one):  
Video \_\_, Electronic \_\_, Mail Order \_\_, Mass Merchandiser \_\_, Installer \_\_

Others (please specify) \_\_\_\_\_

Remarks: \_\_\_\_\_  
\_\_\_\_\_

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