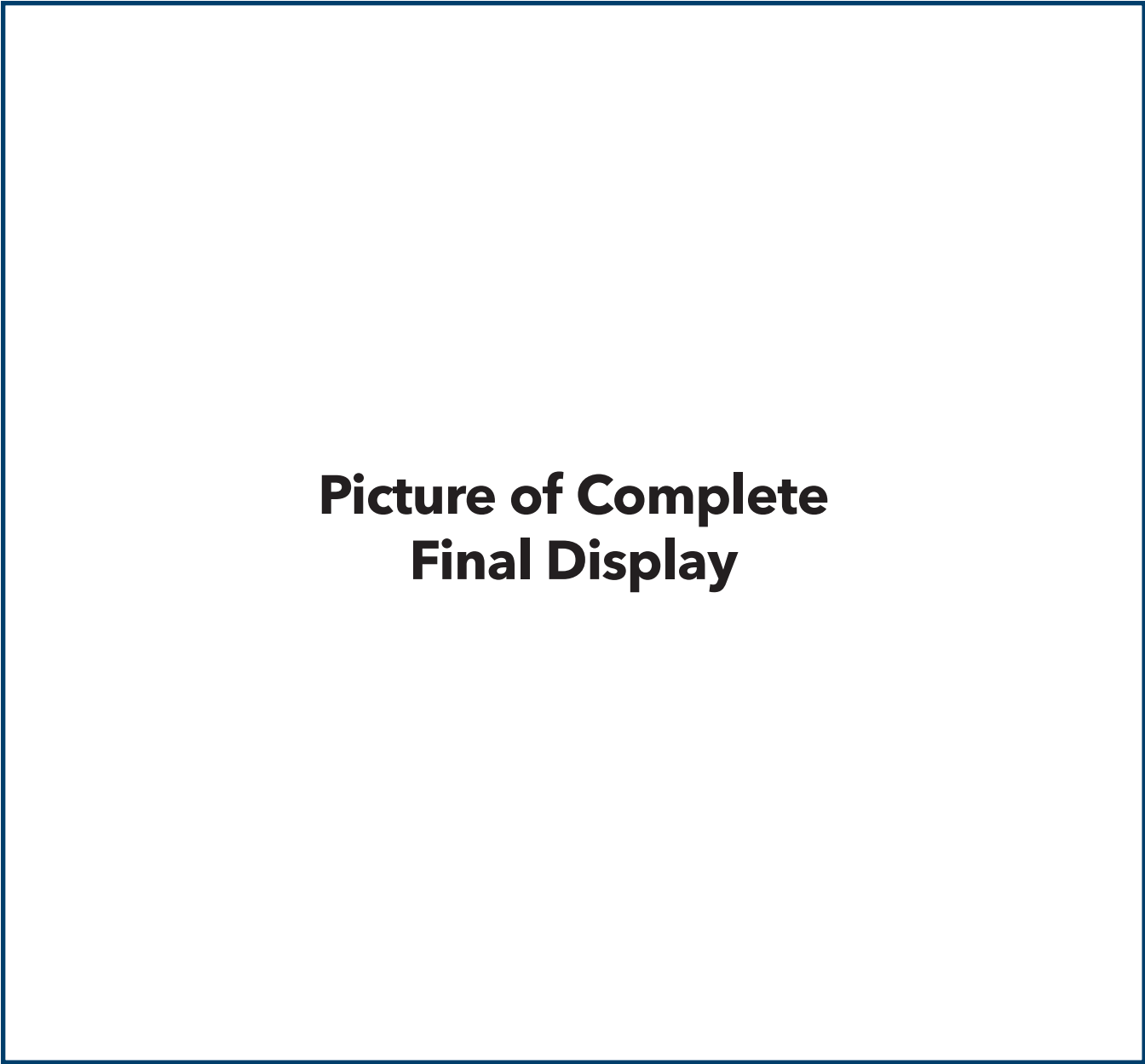




Build and Sustain Template

02/05/2018





| Contents: | <u>Page</u> |
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| Warnings/Important Info/Tools Required | 2 |
| Packaging/Parts | 3 |
| Wire Diagram/Installation | 4 |
| Troubleshooting | 5 |

| Published | Modified | MKT Date |
|------------|------------|------------|
| AAA | AAA | mm/dd/yyyy |
| mm/dd/yyyy | mm/dd/yyyy | |





Warnings/Important Information/Tools Required

Warnings and Important Information:

- Team Lift or 2 People Need to Lift Display
- Hazardous Material
- Etc.

Tools Required:

- Hammer
- Drill
- Screwdriver
- Tape Measure
- Etc.





Packaging/Parts

Label Photo (Ex. Display Pallet, Display Box, etc.)
Delivery: (Ex. LTL, UPS, etc.)



Photo of Pallet/Box

Parts Included: (Provide picture/description)



Photo of Part

Part description



Build and Sustain Instructions

Map Tag | Display Name

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Wire Diagram/Installation

This page can be used for wire diagram(s) if needed or further instructions.

- **Insert additional pages if needed.**





Troubleshooting

| Issues | Possible Solutions |
|---------------|--|
| Ex. No Sound. | <ul style="list-style-type: none">Ex. Verify cabling matches wire diagram. |
| | |
| | |
| | |
| | |



APPENDIX

Low Complexity



Build and Sustain Instructions HF-02 | Garmin

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| | |
|---|-------------------|
| Warnings/Important Information/Tools Required | 3 |
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| Accessing Display | 5 |
| Wire Diagram/Parts Information | 6 |
| Troubleshooting/Support | 7 |





Warnings/Important Information/Tools

Warnings and Important Information:

- Team Lift

Tools Required:



Cordless Drill with #2 Phillips



7/16 Socket



Packaging/Delivery Information

Display Pallet
Delivery: LTL



Display Box
Delivery: UPS



Parts Included:



Panel Screw



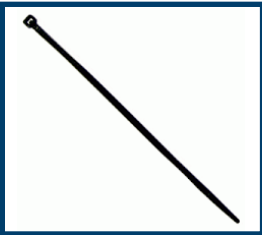
Shelf Screw



Retainer Screw



Patio Screw



Zip Tie



Cable Stay



Keps & Washer



Accessing Display



1. Lift the display up and out.
 - **NOTE:** This will take 2 people.



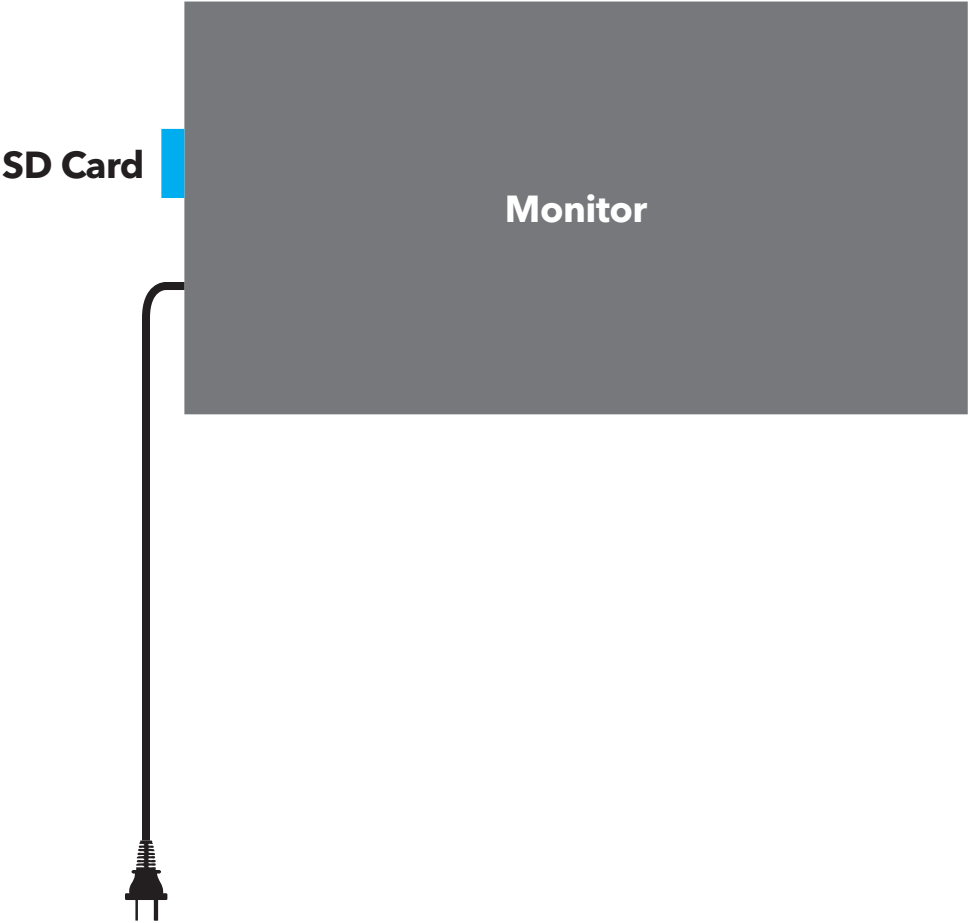
2. Remove screws from the back of the display.



3. Electronics are now accessible.



Wire Diagram



| Part # | Part Description |
|--------------------|----------------------------------|
| VPP-17011-001-Z01 | Replacement Monitor |
| VPP-17011-001-1001 | Replacement SD card with content |





Troubleshooting

| Issues | Possible Solutions |
|--|---|
| Video content is frozen or monitor is black. | <ul style="list-style-type: none">▪ Ensure the SD card is plugged into the monitor.▪ Power off the monitor using the power button, wait 30 seconds and power the monitor back on.▪ Power off the monitor using the power button, unplug the monitor from power, wait 30 seconds, plug the monitor back into power and power the monitor back on.▪ Power off the monitor using the power button, unplug the display from power, wait 30 seconds, plug the display back into power and power the monitor back on.▪ Ensure the display is plugged into a known working outlet. |
| Monitor will not turn on. | <ul style="list-style-type: none">▪ Ensure monitor is plugged into a working outlet.▪ Order a replacement monitor. |



High Complexity



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| | |
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| Warnings/Important Information/Tools Required | 3 |
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| Parts Breakdown | 7 |
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| Subwoofers - Settings | 12 |
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| Published | Modified | MKT Date |
|------------|------------|----------|
| JAM | BAB | |
| 06/09/2016 | 02/02/2018 | |





Warnings/Important Information/Tools

Warnings and Important Information:

- N/A

Tools Required:



Cordless Drill with #2 Phillips



7/16 Socket



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Packaging/Delivery Information

Display Pallet
Delivery: LTL



Display Box
Delivery: UPS



Parts Included:



Panel Screw



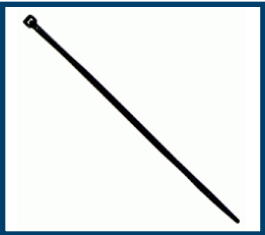
Shelf Screw



Retainer Screw



Patio Screw



Zip Tie



Cable Stay



Keps & Washer



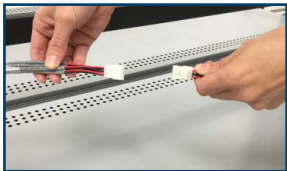


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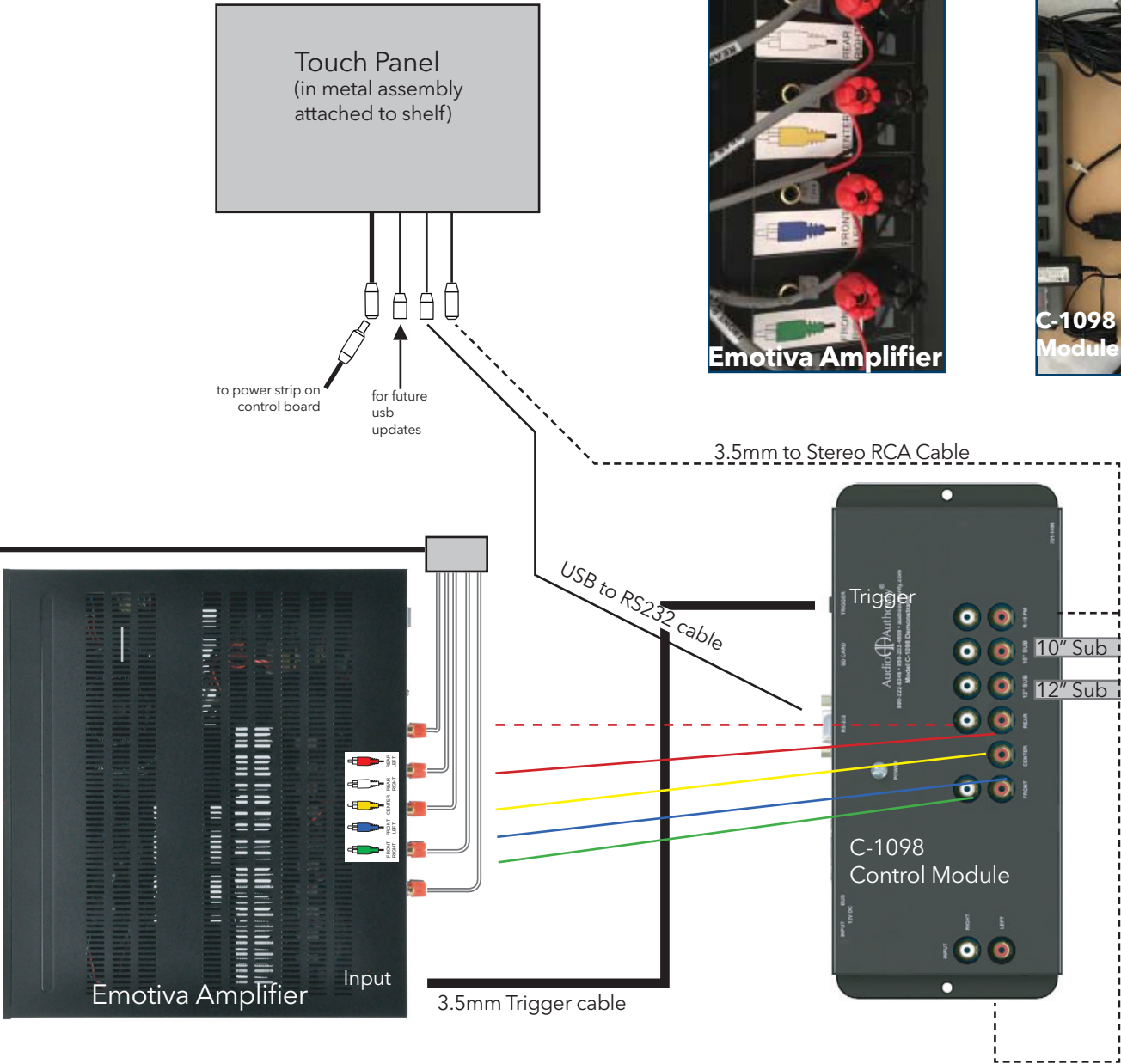
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Wire Diagrams

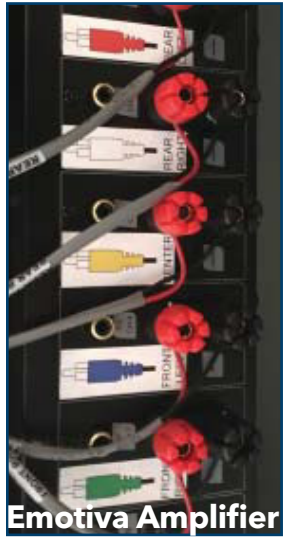
- 3.5mm pigtail (female)
- USB pigtail (female)
- Speaker Cable
(harness ends at white plug, and connects to other side of harness. See next page.)
- 3.5mm to Stereo RCA Cable
- RCA Cable
follow color coded stickers on amp
- USB to RS232 cable
- 3.5mm Trigger cable



White Molex plug connects two sides of cable harness



Amplifier and Control Board will have cables pre-installed.



C-1098 Control Module

Out to R15PM, 10" Sub and 12" Sub. See next page.



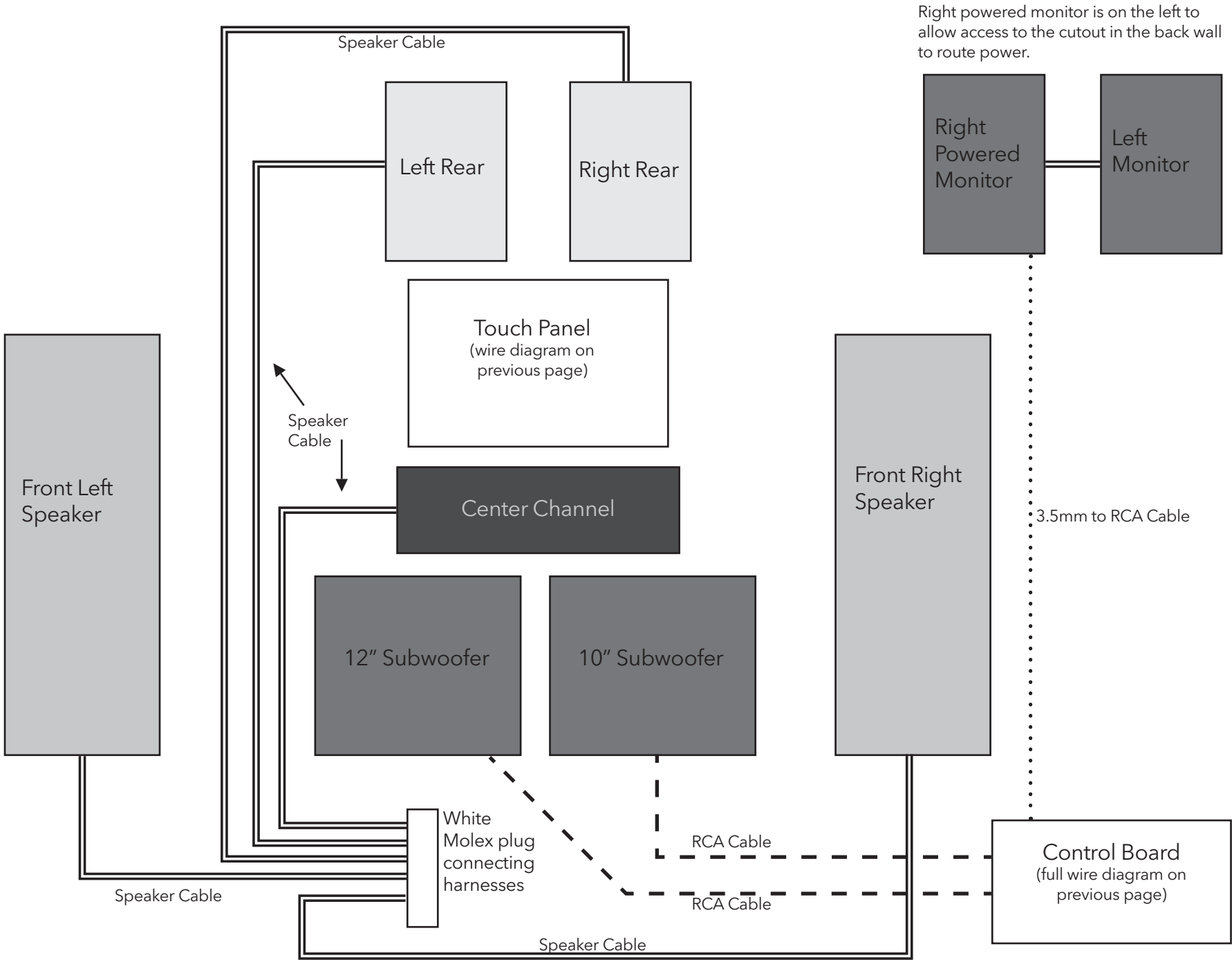


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Wire Diagrams

- Speaker Cable
- RCA Cable
- 3.5mm to RCA Cable





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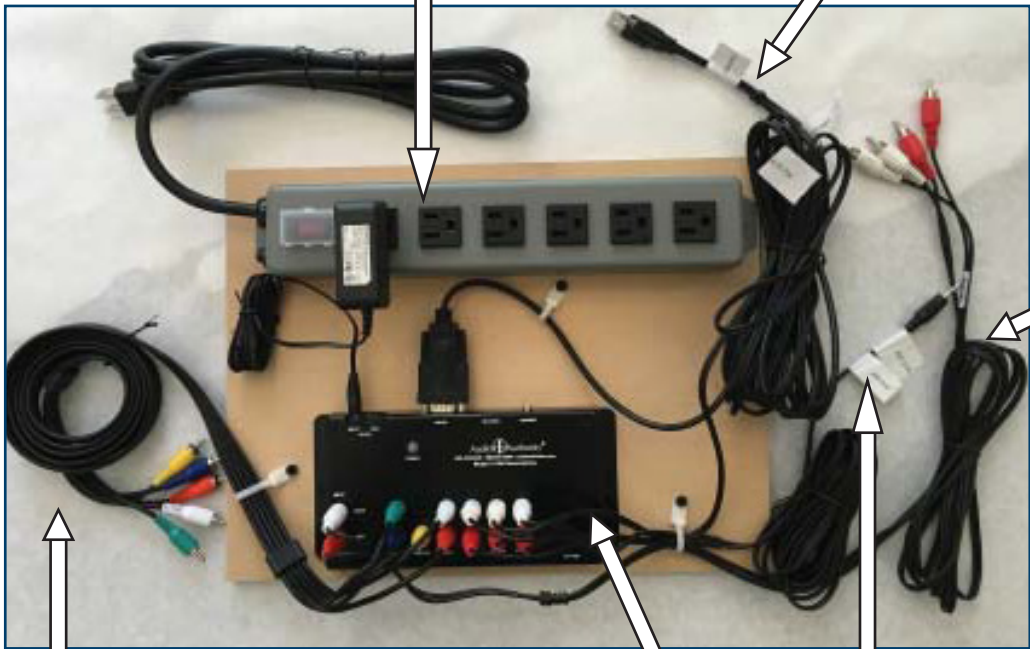
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Parts Breakdown

Control board parts (1 each):

TRIPP LITE 6 WAY POWER STRIP
VPP-005-051

**CONVERT A DB9 RS232 SERIAL
DEVICE TO USB 12FT**
VPP-801-338

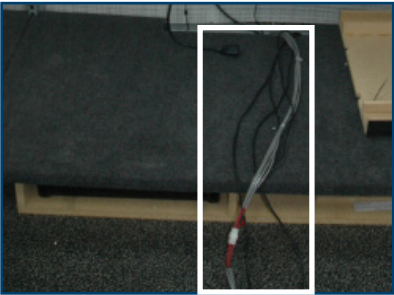


CORD ASSY 5CH RCA 2FT
VPP-801-339

KLIPSCH DEMO MODULE
VPP-C-1098

**3.5MM ST MALE-2 RCA
MALE 12FT**
VPP-801-221

CORD ASSY 2CH GOLD RCA 6FT
VPP-801-020



QTY 1
10 WIRE SPEAKER HARNESS
W/ DISCONNECT @ BASE-DECK
(connected to amp on arrival)
VPP-802-766



QTY 1
5X100 AMP - 3 YEAR
WARRANTY
VPP-AMP-A500





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Parts Breakdown



QTY 2
Klipsch Floor speaker
VPP-Klipsch-1060672

QTY 2
Klipsch Monitor (Rears)
VPP-Klipsch-1060675

QTY 2
Klipsch Powered Monitor
VPP-Klipsch-1062681

QTY 1
Klipsch Center Channel
VPP-Klipsch-1060677

QTY 1
Klipsch 10" Sub Woofer
VPP-Klipsch-1016570

QTY 1
Klipsch Outdoor Speaker
VPP-KLIPSCH-097140001801

QTY 1
Klipsch Ceiling Speaker
VPP-KLIPSCH-1064489

QTY 1
Klipsch 12" Sub Woofer
VPP-Klipsch-1016571



**15.6" TOUCH ANDROID KLIPSCH
INTERFACE-ANTI GLARE**
VPP-C-1099



Speaker cable for powered monitors
VPP-871-081



**Power cable extension for powered
monitor**
VPP-801-241



3.5mm aux (trigger cable)
VPP-801-240



3-plug power strip (for subwoofers)
VPP-005-074





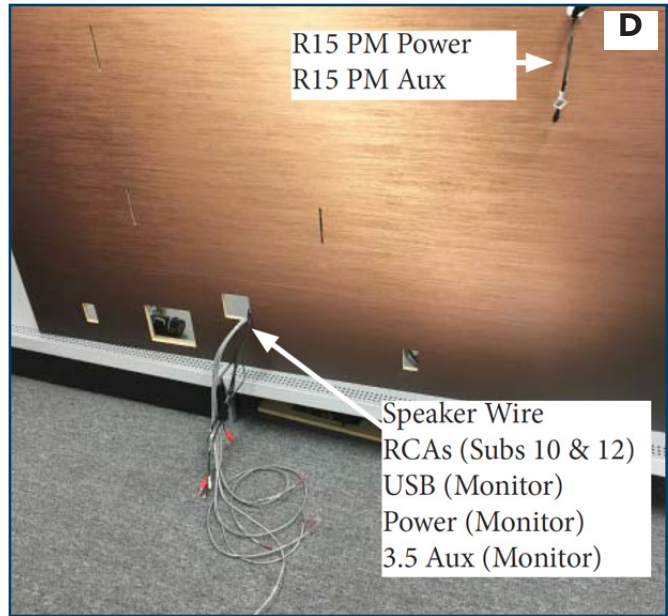
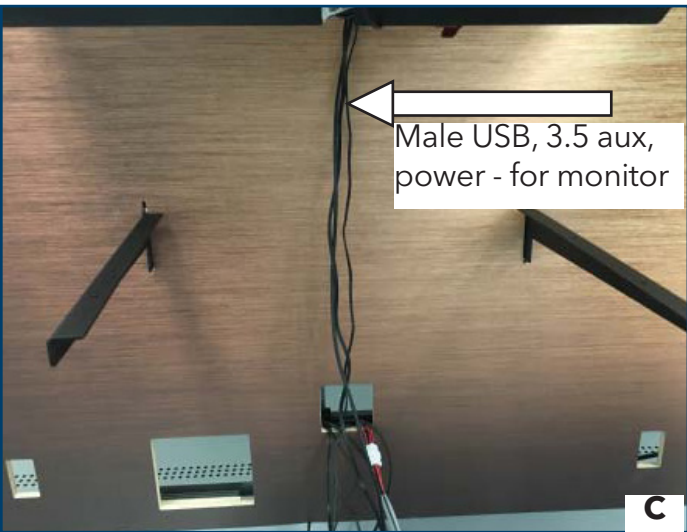
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Accessing Display



- (A) Pull the kick plate out to access the space underneath the base deck.
- (B) The amplifier and control board are located under the base deck.



- (C) Touchscreen cables are routed up the center of the display behind the shelves and to the touchscreen display.
- (D) Other cables are routed behind the wall and out the pre-cut holes to product locations.

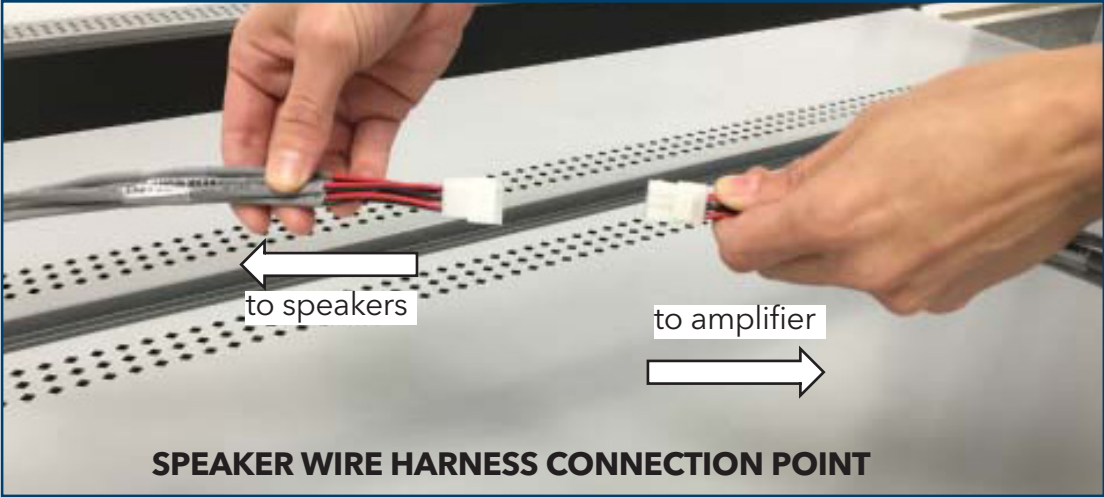




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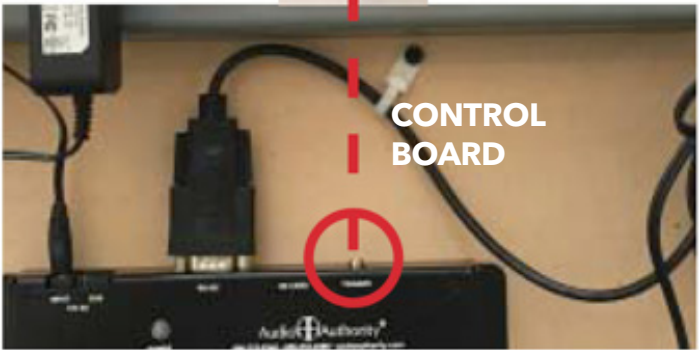
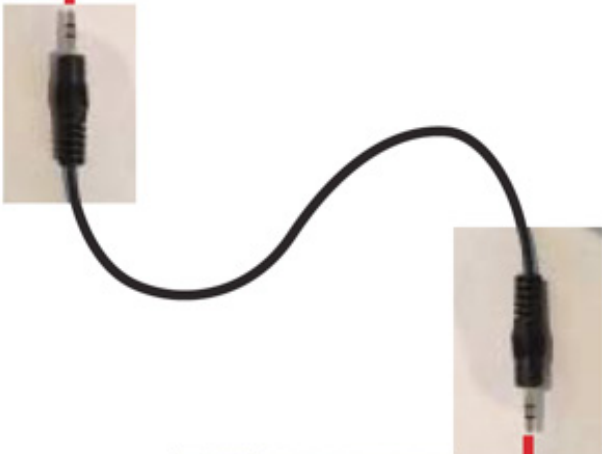
Component Connections



3.5 aux, 2 female USB, and power pigtails are connected to the touchscreen monitor



AMPLIFIER



CONTROL BOARD



RCA cable - color coded to match the labels on the amp



Speaker cable



3.5mm aux cable

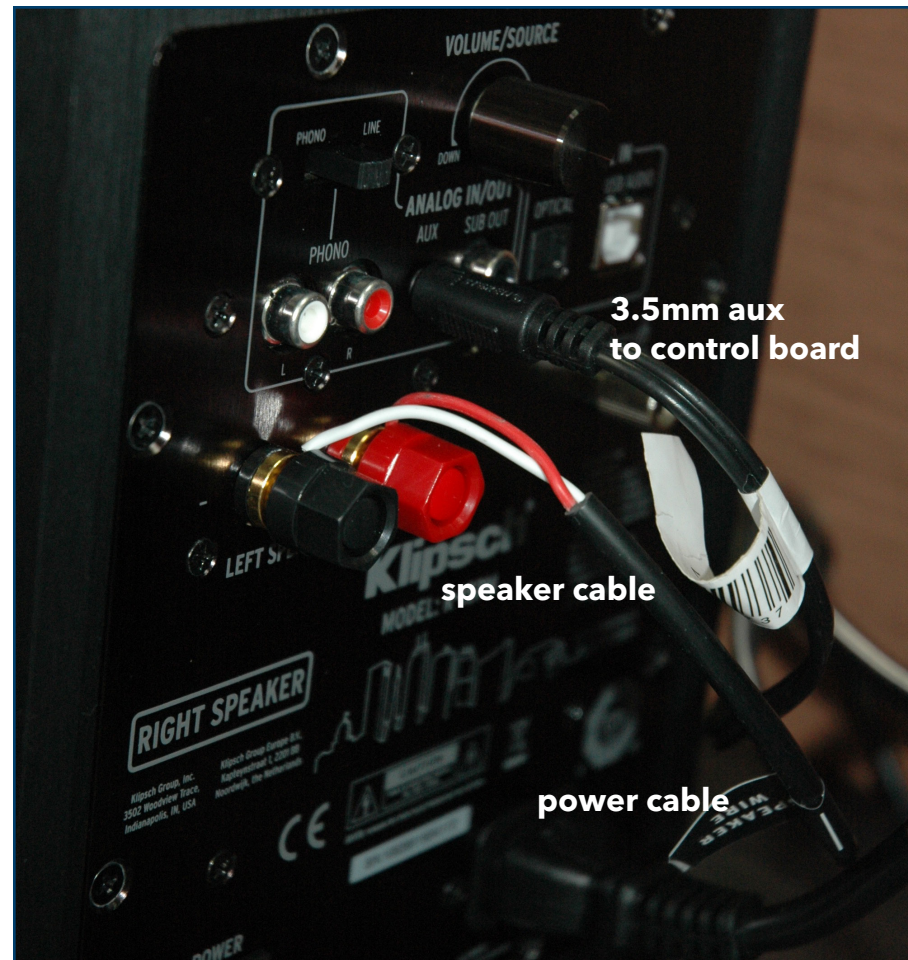




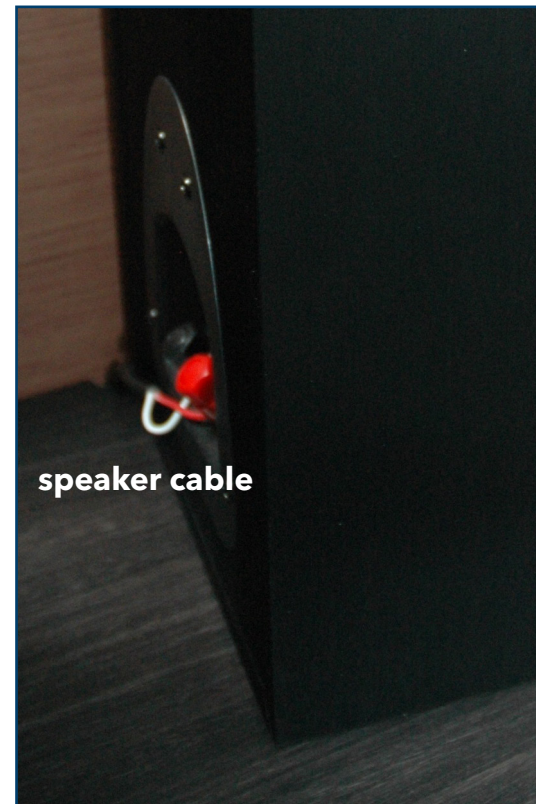
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Powered Monitors - Connections



Right Speaker



Left Speaker

- The right powered monitor is on the left side of the shelf so the power cable can be routed through the access hole to the power strip.
- A 3.5mm aux cable connects the powered monitor to the control board.
- A single speaker cable connects the two speakers.





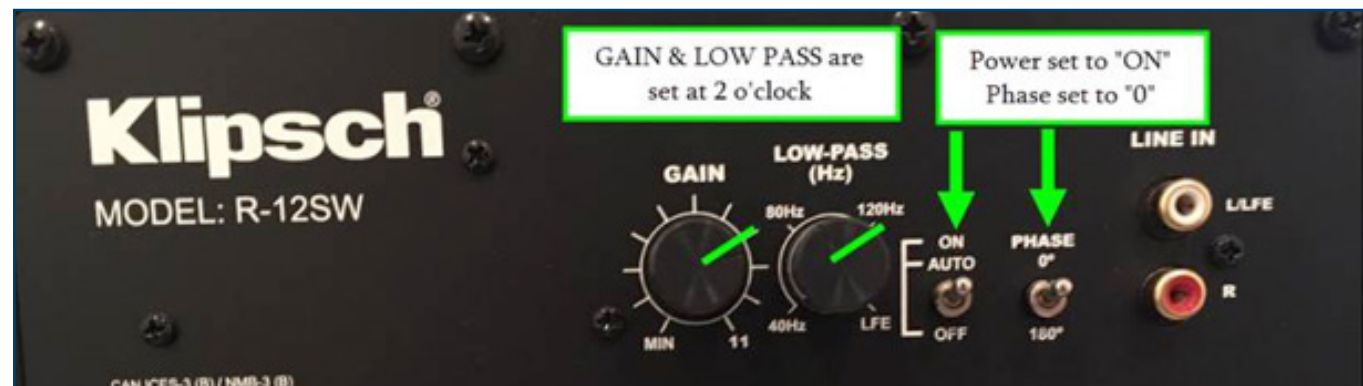
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Subwoofer - Settings



- RCA cables routed per the wire diagram are attached to the subwoofers LINE IN ports.
- Verify the subwoofer settings are set correctly, as shown at left .
 - GAIN & LOW PASS = 2 o'clock
 - Power = ON
 - Phase = 0

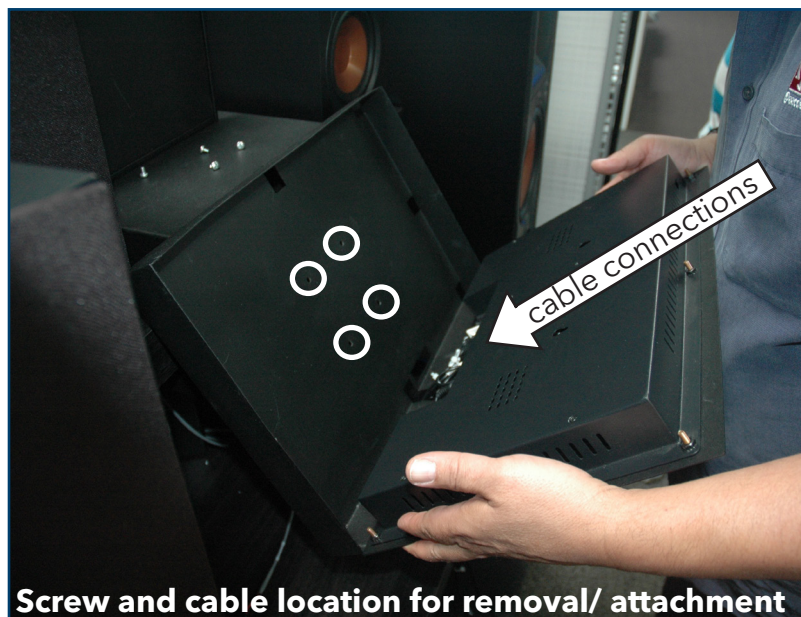




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Changing out touchscreen monitor



Screw and cable location for removal/ attachment



Remove protective film



Cable connections on backside of monitor

If the touch screen monitor needs to be replaced, once the new monitor arrives:

1. Disconnect and remove center channel from its shelf below the monitors.
2. Unscrew the (4) screws on the back of the monitor frame.
NOTE: Access these screws from below/behind the monitor, above the center shelf.
3. Pull off the existing monitor and frame, cut zip ties, and disconnect cables from the monitor.
4. Put new monitor and frame in place and reattach using the existing screws. Remove the protective film from the screen.
5. Reconnect the cables to the monitor (power, 3.5mm, 2 USBs)
6. Once all cables and power are plugged in, the touch panel monitor will run through the Andoird setup screens and then automatically go to the demo screen.
7. Replace the center and reconnect to its speaker cables.
8. Reference "Display Verification" steps on [page 2](#) to confirm the installation was successful.



Troubleshooting/Support

| Issues | Possible Solutions |
|-------------------------------------|--|
| No audio. | <ul style="list-style-type: none">▪ Verify that the surge protector is turned on.▪ Verify the connections to the C-1098 module.▪ Verify the audio cable connection to the touch panel. |
| System audio is fuzzy or distorted. | <ul style="list-style-type: none">▪ Check the amplifier gain settings.▪ Verify the audio cable connection to the touch panel. |
| Video does not play. | <ul style="list-style-type: none">▪ Power cycle the touch panel. |

