

## Rowe Jukebox Remote Retrofit Kit Installation Guide

The Rowe Remote Control Retrofit Kit gives IR (Infrared) remote control functionality to Rowe CD and vinyl jukeboxes.

This guide gives general instructions for installation and is not a substitute for your own judgement or expertise. This kit is intended to be professionally installed.

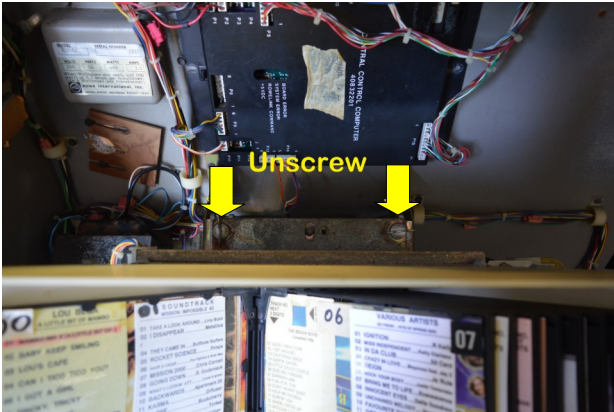


This kit contains

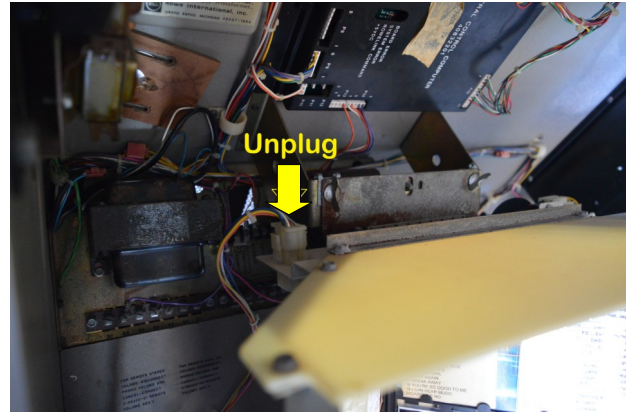
1. Remote Receiver Module.  
This module receives IR signals from the remote control and converts them into control signals used by the jukebox.
2. Jukebox Remote Control  
The remote control sends IR commands to the Jukebox which are decoded by the Remote Receiver Module.
3. Receiver power supply
4. US mains cable

## Installation (CD51, CD100A, CD100B, CD100C & CD100D)

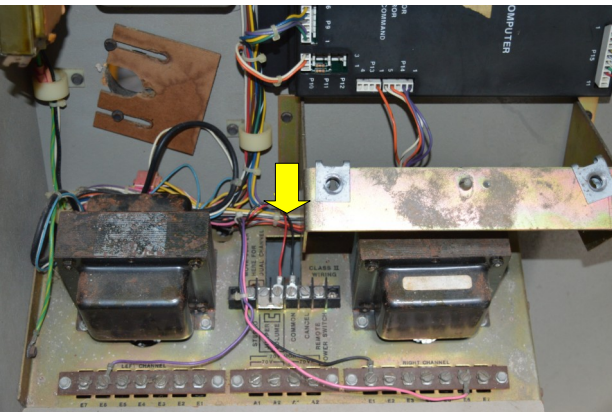
Turn off and unplug the Jukebox.  
Remove the title rack.



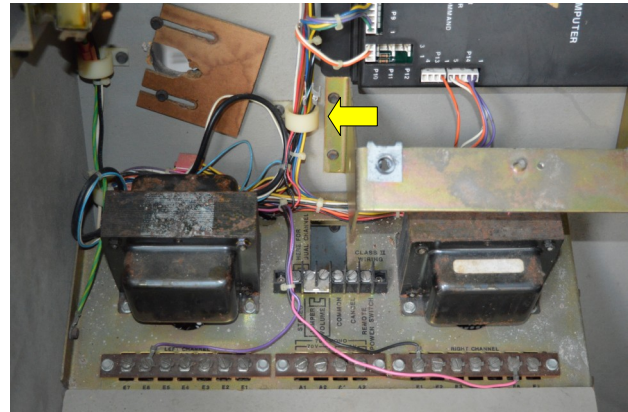
Unscrew the locking screws



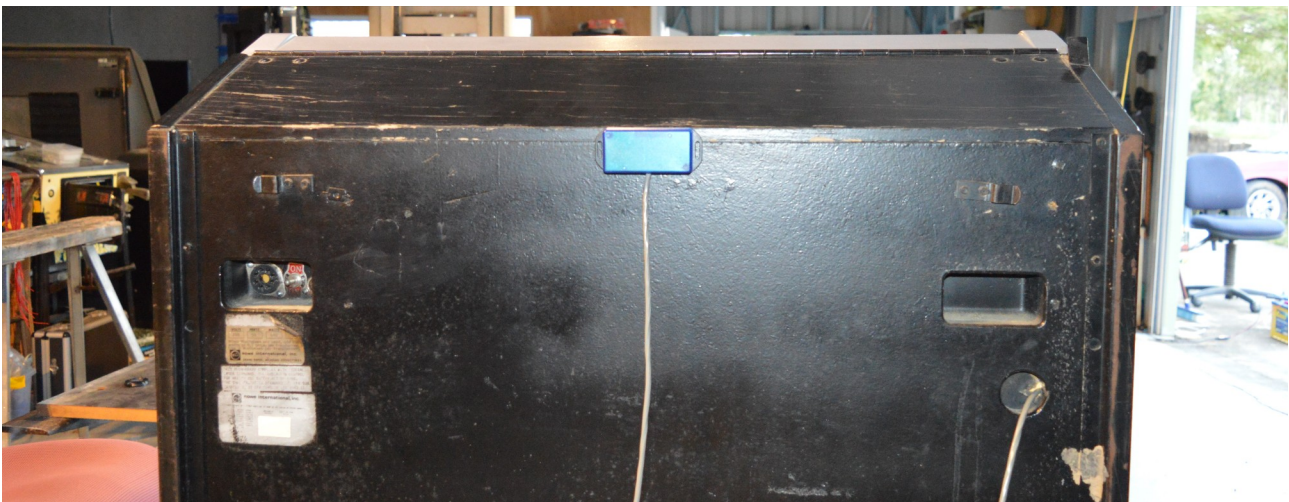
Unplug the title rack connector



With a flat head screw driver, remove the existing red and black volume wires.



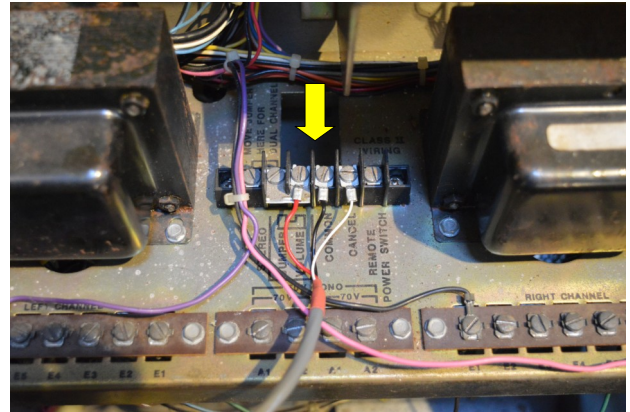
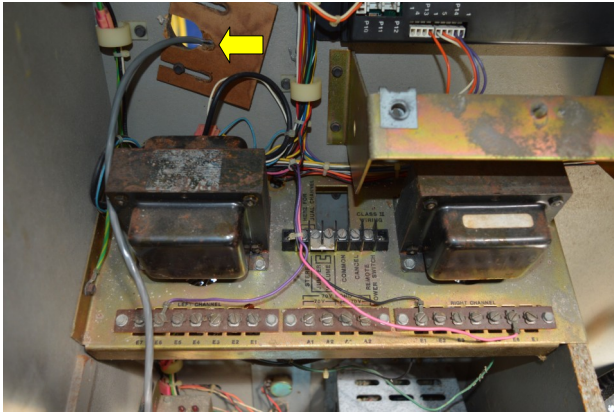
Place the existing volume wires neatly in the harness cable clamp.



Temporarily mount the remote receiver module on the top centre of the jukebox using an adhesive putty (such as Blu Tack). The receiver will be attached in a more permanent way later.

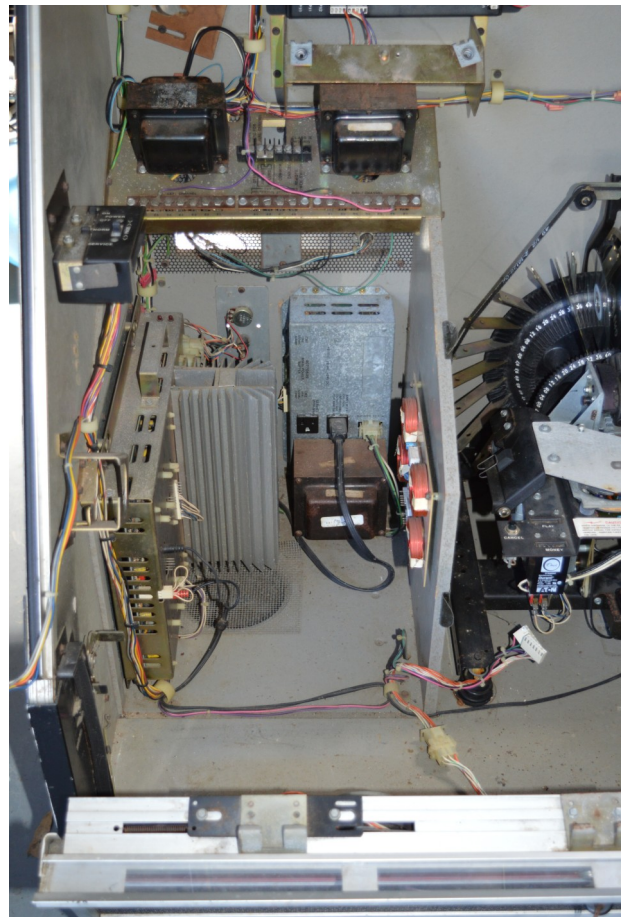
Insert the end of the remote receiver cable into the cable hole at the back of the jukebox.

## Connect the Remote wires



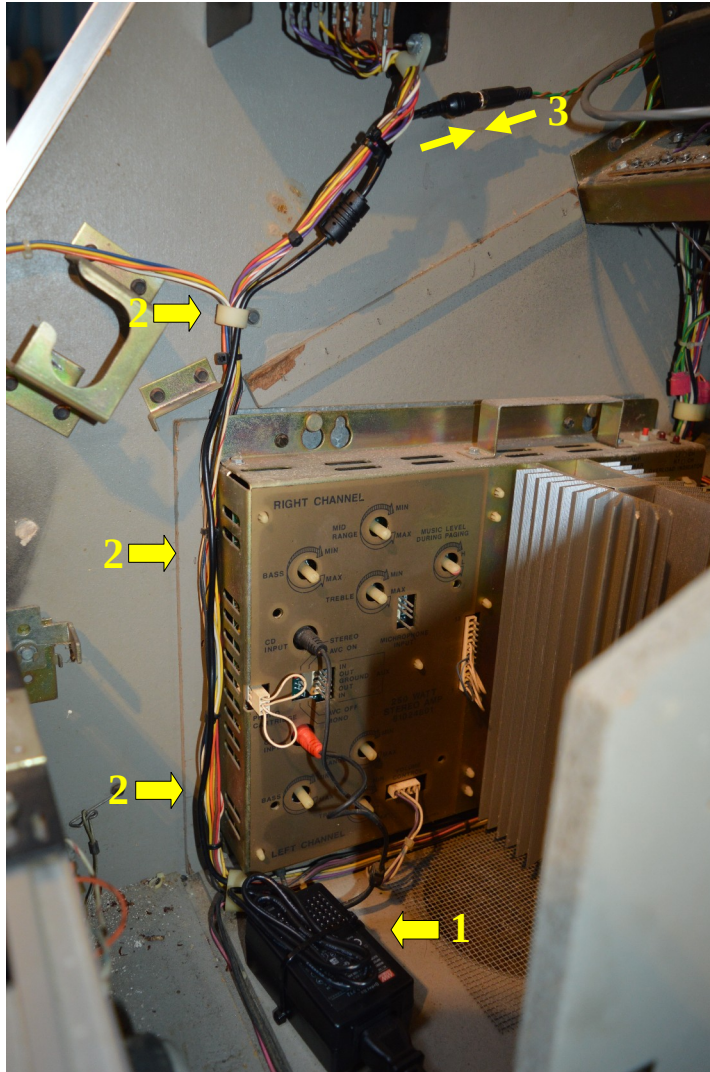
Use a flat head screw driver to connect the Volume (red), Common (black) and Cancel (white) wires to the screw terminals as shown above.

## Power Supply Installation

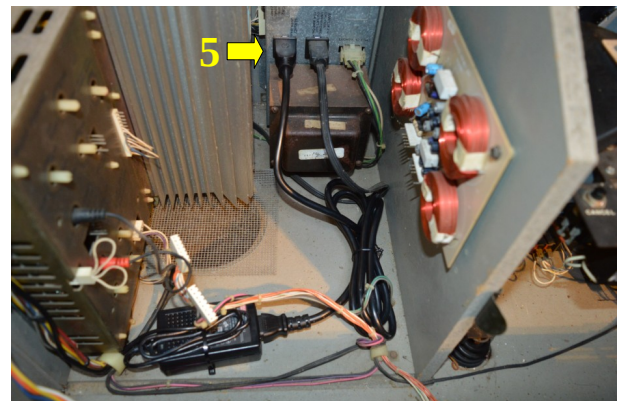
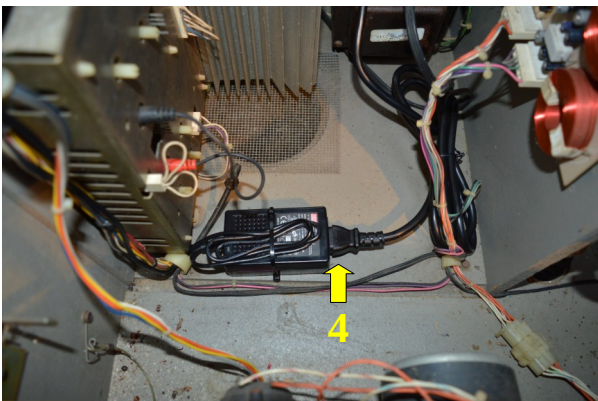


To install the power supply you must gain access to the amplifier section .  
Do this by removing the amplifier cover panels.  
Start by opening the front speaker door of the jukebox and leave it open.  
Then, take off the front and top cover panels and set them aside.

## Install the Remote receiver power supply



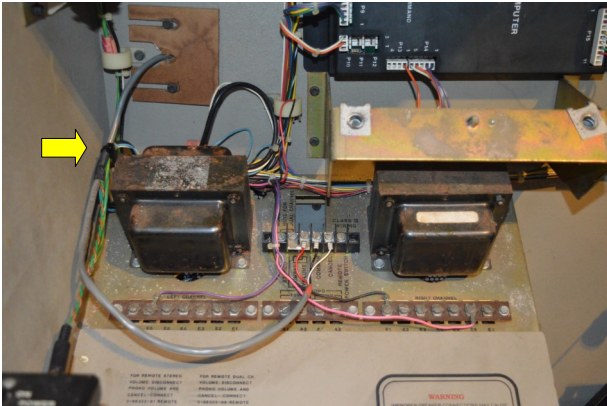
1. Fit the power supply into the amplifier section as shown.
2. Run the DC cable from the power supply to the power socket on the IR receiver cable.
3. Connect the power plug to the remote receivers power socket.  
Use cable ties to secure the DC cable along the existing harness and bundle any excess cable.



4. Connect the IEC end of the mains cable to the power supply of the remote receiver.
5. Arrange the mains cable so that it plugs into the service power socket of the Jukebox.  
(Note: The cross over cable is only disconnected for illustration purposes)

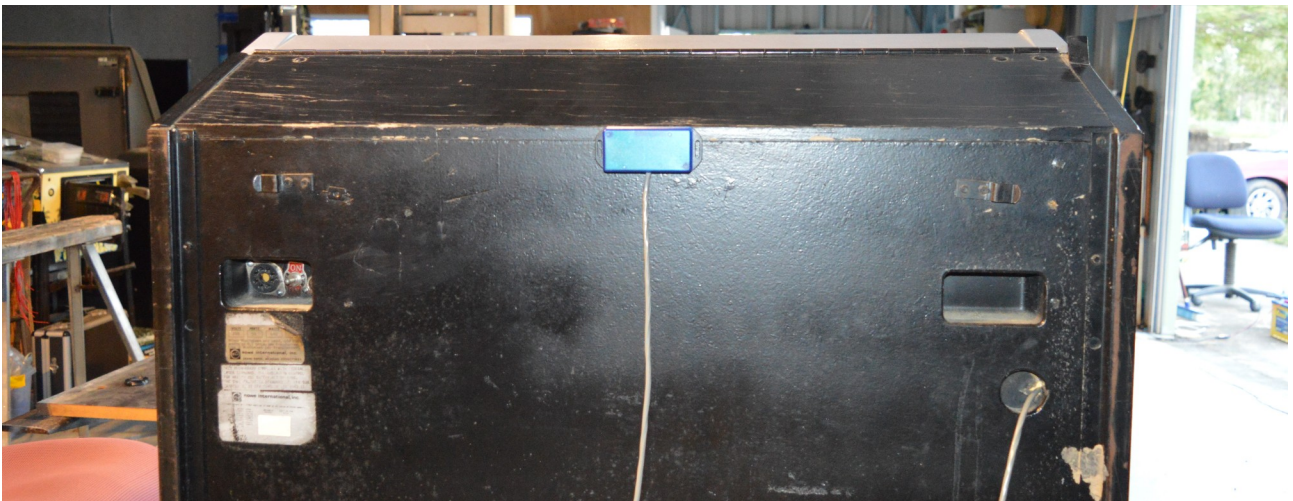
Reinstall the amplifier cover panels and shut the front speaker door of the Jukebox.

Cable tie the remote receiver cable to the earth lead where indicated to prevent accidental removal of the remote receiver wiring.



### **Installation (R84, R85, R86, R87, R88, R89, R90 & R91)**

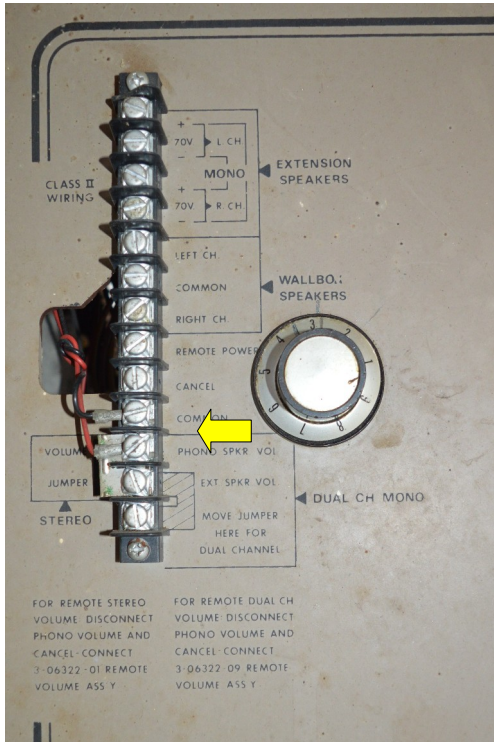
Turn off and unplug the Jukebox.



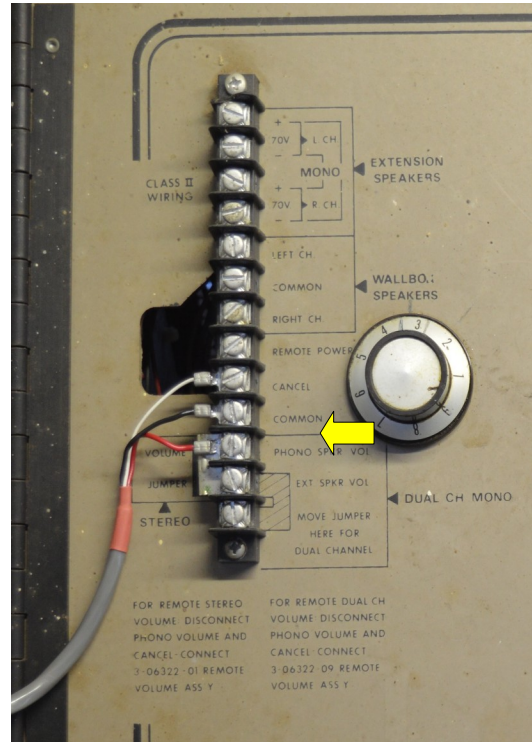
Temporarily mount the remote receiver module on the top centre of the jukebox using an adhesive mounting putty (such as BluTack).

The receiver will be attached in a more permanent way later.

Insert the end of the remote receiver cable into the cable hole at the back of the jukebox.

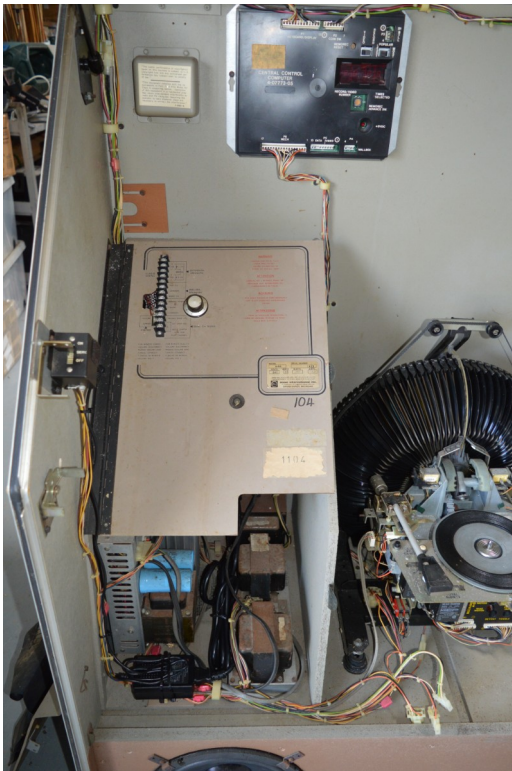


With a flat head screw driver, remove the red and black volume control wires. Cable tie these to the loom on the underside of the panel.

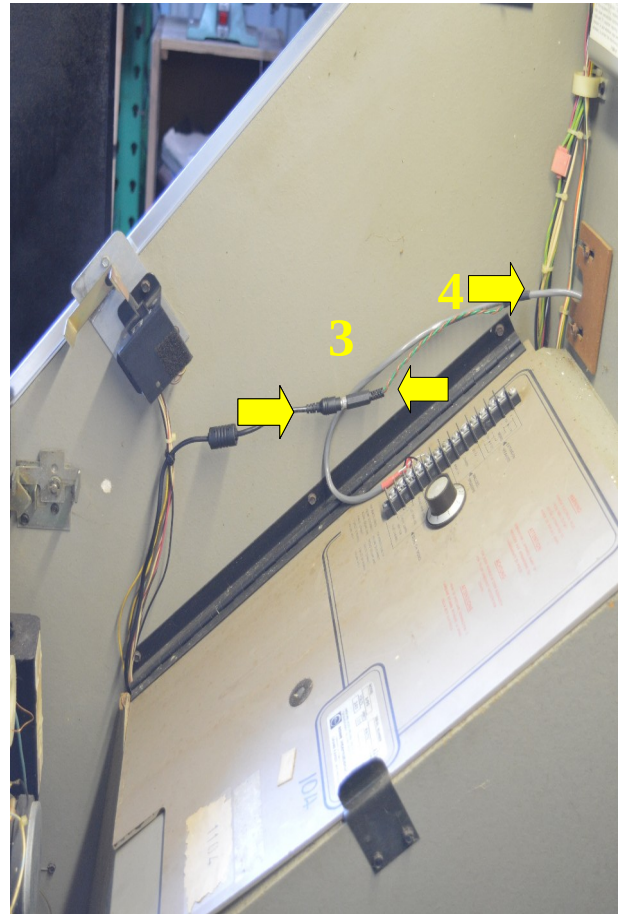


Connect the Volume (red), Common (black) and Cancel (white) wires of the remote receiver cable to the screw terminals.

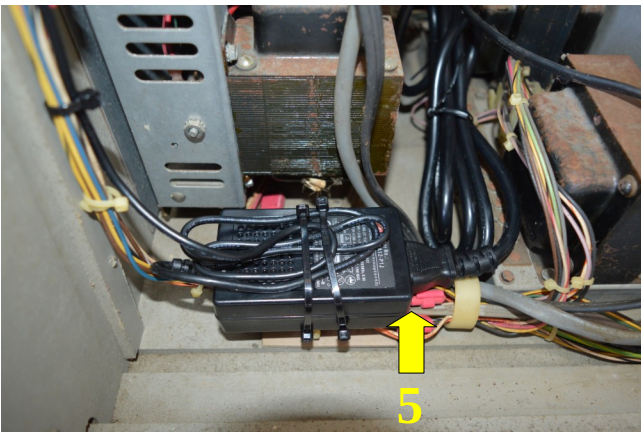
## Power Supply Installation



Gain access to the amplifier section by removing the amplifier cover panels. Start by opening the front speaker door of the jukebox and leave it open. Then, take off the front and top cover panels and set them aside.



1. Fit the power supply into the amplifier section as shown.
  2. Run the DC cable from the power supply to the power socket on the IR receiver cable.
  3. Connect the power plug to the remote receivers power socket.
  4. Cable ties the remote receiver cable to the wiring loom.
- Use cable ties to secure the DC cable along the existing harness and bundle any excess cable.



5. Connect the IEC end of the mains cable to the power supply of the remote receiver.
6. Arrange the mains cable so that it plugs into the service power socket of the Jukebox.

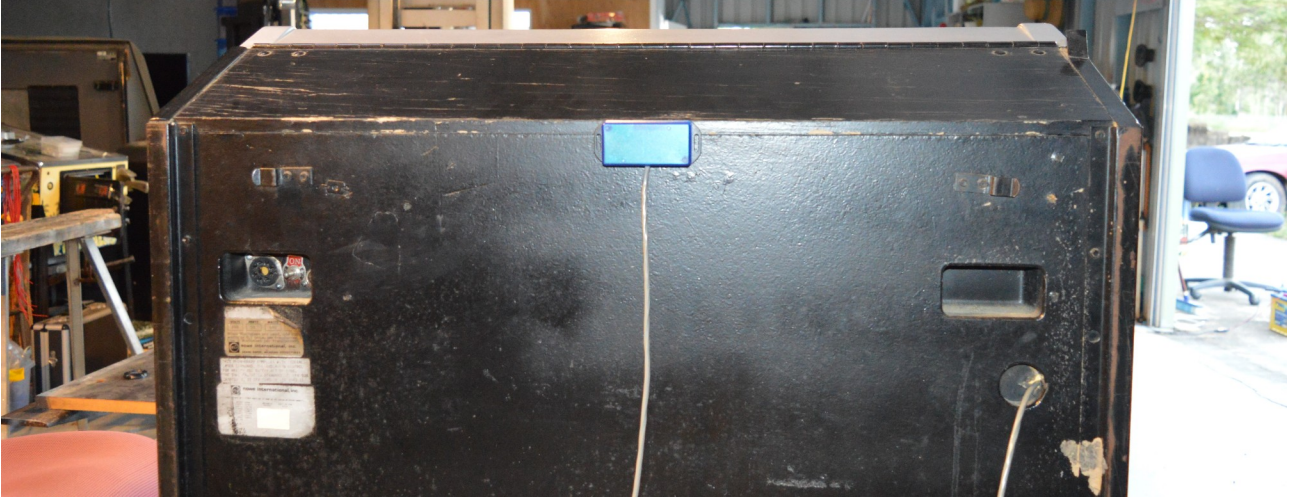
Reinstall the amplifier cover panels and shut the front speaker door of the Jukebox.

## Receiver placement (All CD and Vinyl models)

The location of the receiver affects the performance of the remote control.

In the previous section, we attached the receiver to the jukebox temporarily to test different positions.

### Mounting to the back of the Jukebox



This is the most common way to mount the receiver. It is hidden from view, but it may reduce the reception range. The receiver points straight up on the back wall of the jukebox.

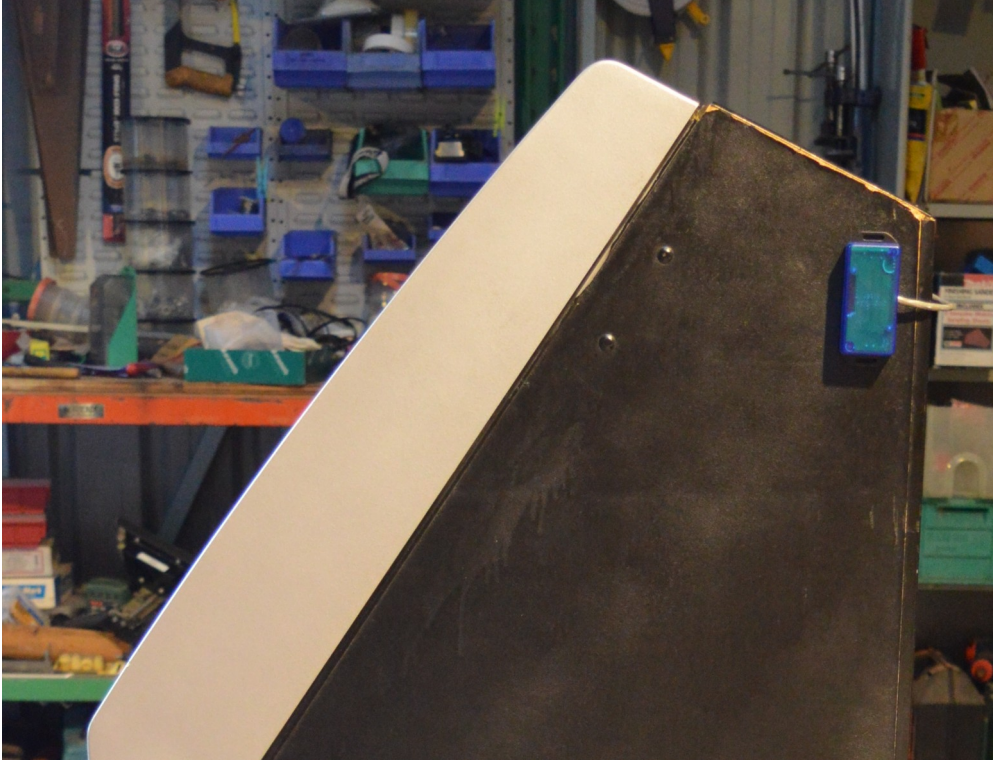
The remote control should be pointed at the ceiling above the jukebox for best results.

### Mounting to the top of the Jukebox



This option has better reception range and works well for locations with no or high ceilings. The receiver is mounted to the lid of the jukebox and points straight out the front of the jukebox. However, this option may not be suitable in some commercial settings, such as bars and pubs.

## Mounting to the side of the Jukebox



This option is suitable for corner installations where the remote control is used from one side only.

These are the most common options. You can mount the receiver anywhere that suits your installation as long as the cable reaches.

Once a suitable receiver location has been found use screws or adhesive Velcro to attach the receiver to the jukebox.

## Testing

Make a selection on the Jukebox.

When the jukebox starts playing, the volume will be set to the factory default setting.

Adjust the volume by pressing the volume up and volume down buttons on the remote control.

To mute the sound, press and hold the mute button on the remote control.

The Jukebox will remain muted while the mute is held down.

To cancel the current selection playing, press the cancel button.

The remote receiver will remember your volume setting when you turn off the jukebox and restore it when your turn in on again.

## Troubleshooting

Volume is very loud and cannot be adjusted	<ul style="list-style-type: none"><li>• Check that the Volume &amp; Common wires are connected correctly.</li><li>• Check that the Remote receiver power supply is connected and working.</li><li>• Make sure that the receiver module flashes when receiving IR signals from the Remote control.</li><li>• Check the battery in the remote control.</li></ul>
Cannot cancel a selection	<ul style="list-style-type: none"><li>• Check that the Cancel wire is connected correctly.</li><li>• Check the battery in the remote control.</li></ul>
Mute stops after 2 minutes	<ul style="list-style-type: none"><li>• This is normal and is a built in protection feature to prevent the remote control battery being drained if it is stored incorrectly.</li></ul>
Cannot adjust the volume	<ul style="list-style-type: none"><li>• Check the battery in the remote control.</li><li>• Make sure that the receiver module flashes when receiving IR signals from the Remote control.</li></ul>

Website [www.bartoxsystems.com](http://www.bartoxsystems.com)