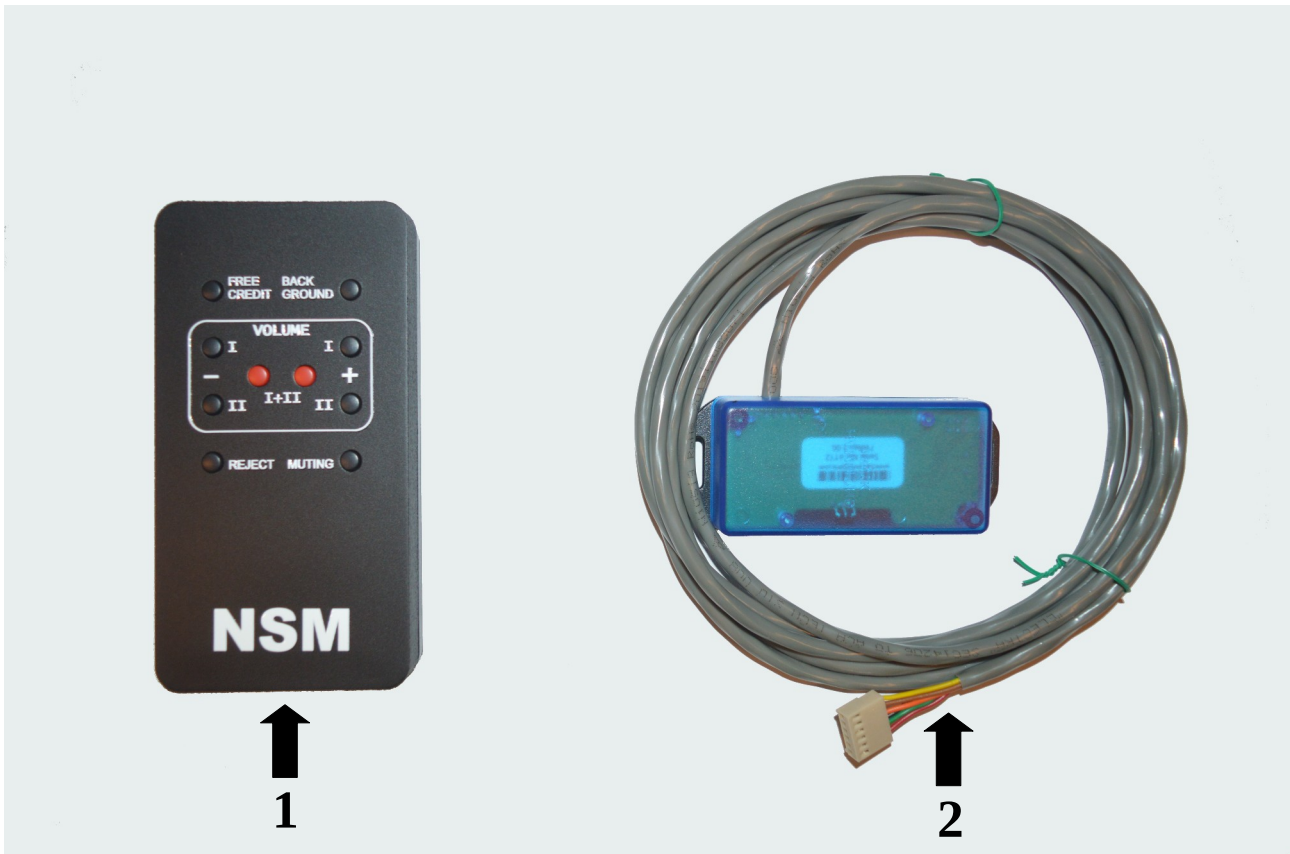


NSM Infrared Remote Control & Receiver Kit Installation Guide

This kit adds IR (Infrared) remote control functionality to any ESIV, ESV, or ES5.1 jukebox, including ESIV vinyl models. The receiver is fully compatible with the original OEM IR receiver supplied with NSM jukeboxes from ESIV through to ES5.1.

Please note: This kit is not compatible with ES6 jukeboxes.



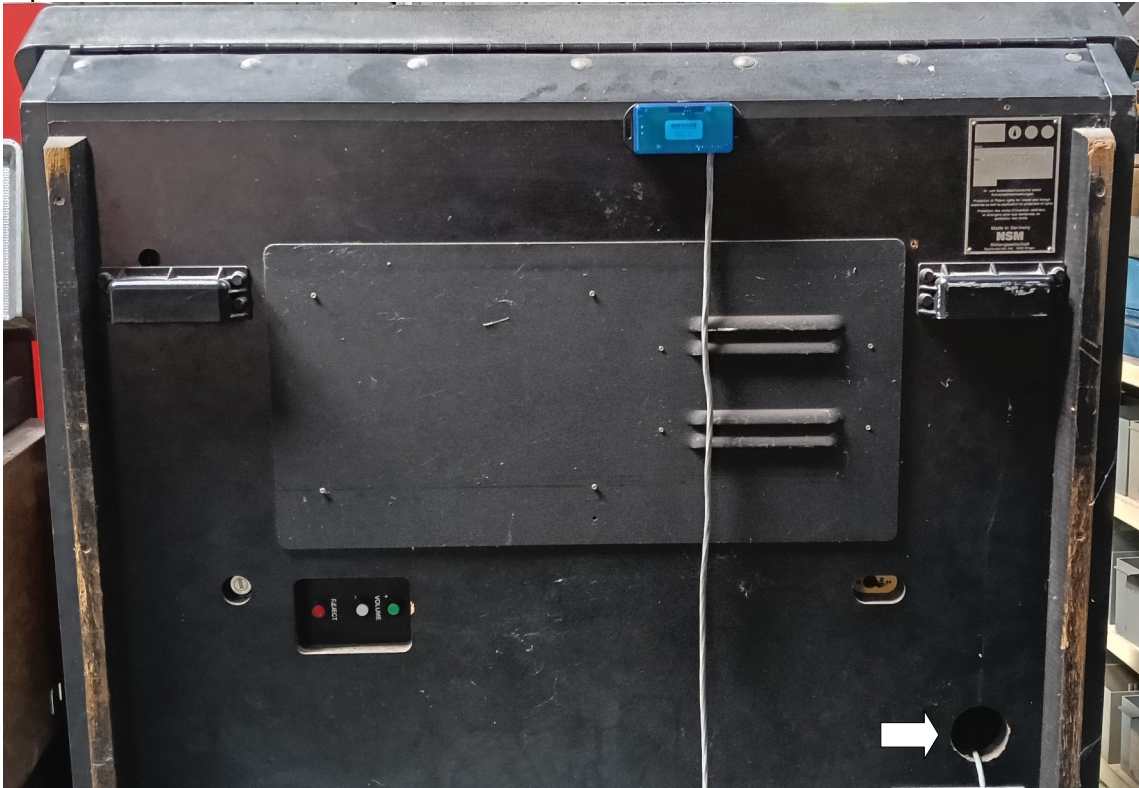
This Kits Contains

1. Jukebox Remote Control.
The remote control sends IR messages to the Jukebox which are decoded by the Remote Receiver Module.
2. Remote Receiver Module.
This module receives the IR signals from the remote control and converts them into control signals used by the jukebox.

Floor Standing Jukebox Installation

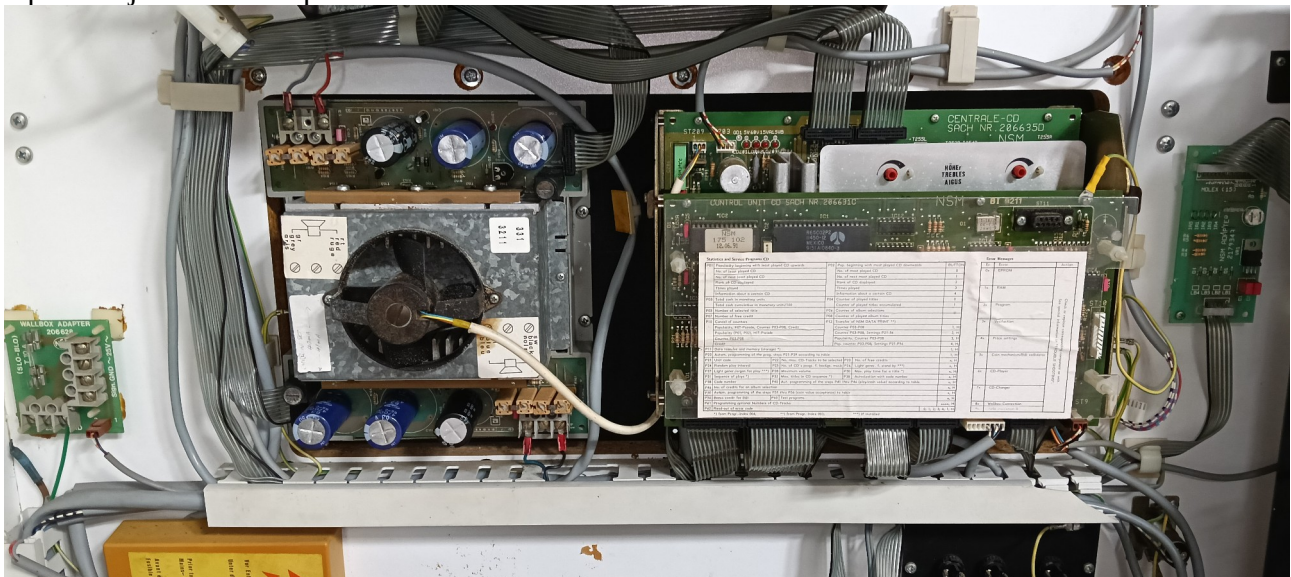
Turn off and unplug the Jukebox.

Temporarily stick the remote receiver to the back of the Jukebox with adhesive putty or double sided tape.



Push the receiver cable into the cable hole where indicated. Note that the location of the cable hole varies depending on the jukebox model.

Open the jukebox to expose the control and central unit.



(ES IV Jukebox shown)

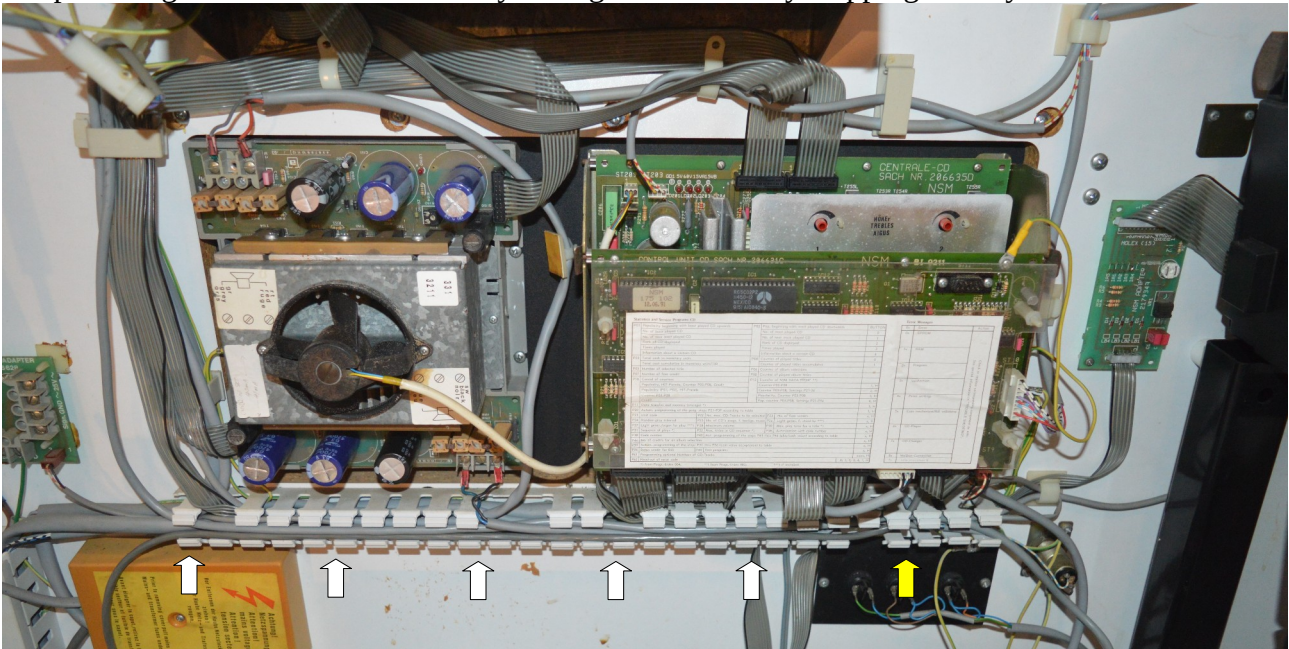
Remove the cap of the cable tray.



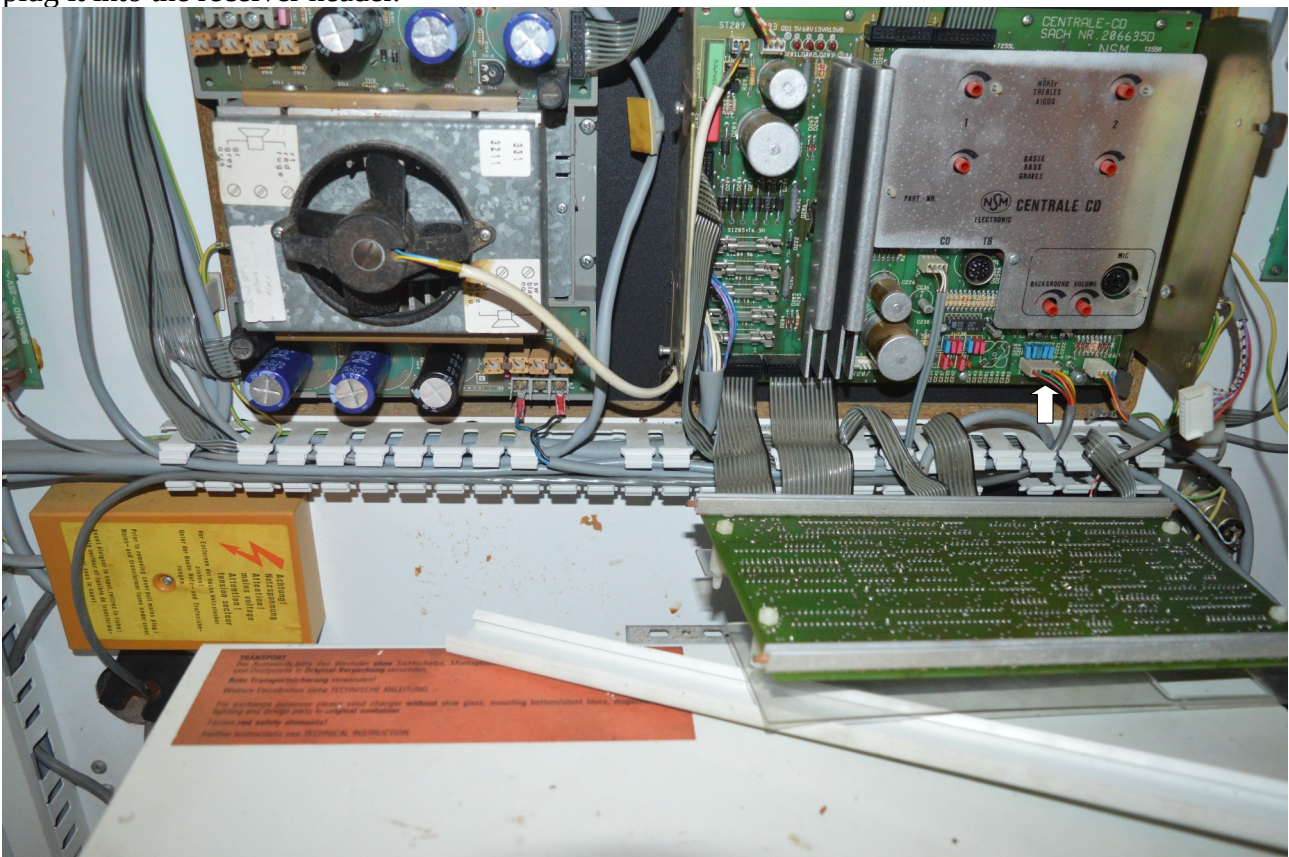
Start feeding the remote receiver cable into the cable tray



Keep running the cable most of the way through the cable tray stopping at the yellow arrow.

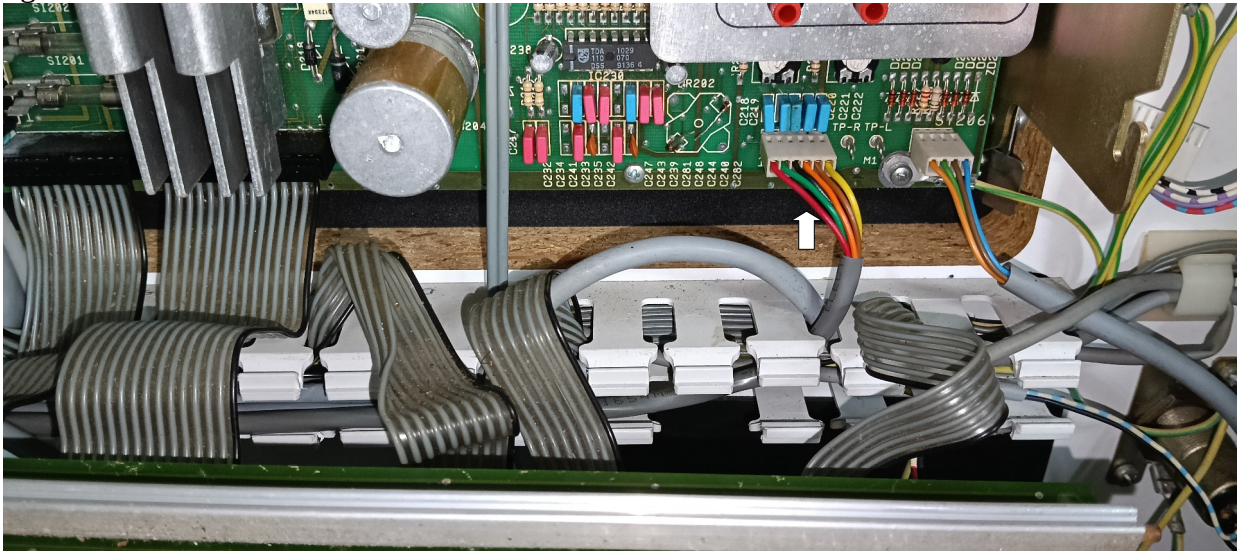


Unclip and fold down the control unit. Unhook the control unit from the bottom hinges so it sits on the changer as shown. Poke the remote receiver cable through the top wall of the cable tray and plug it into the receiver header.

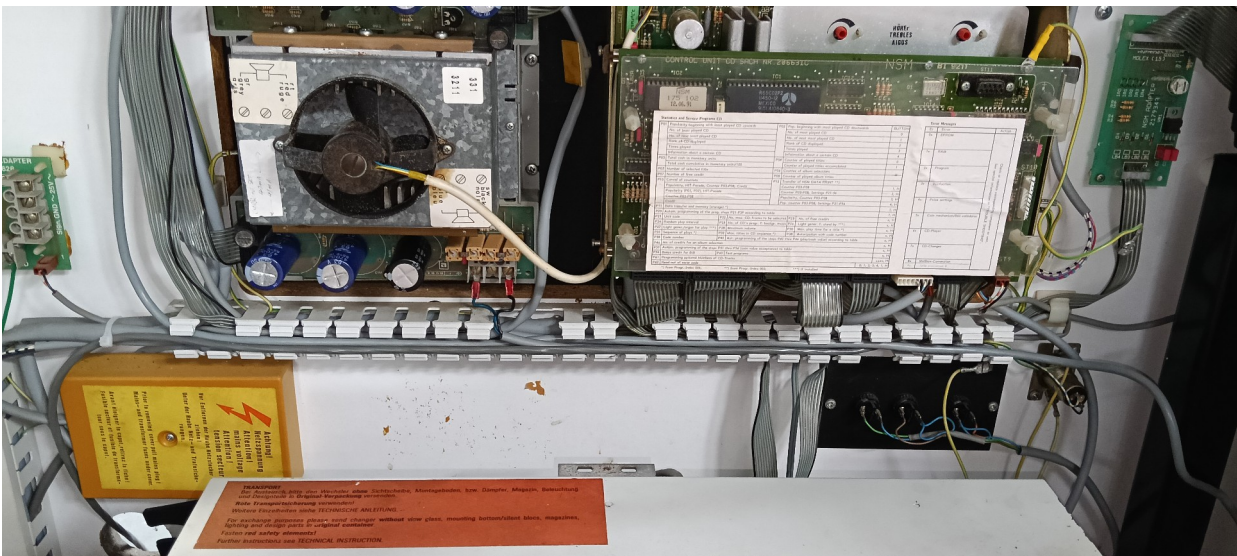


Note that the receiver header is different depending on the jukebox. Refer to the **Remote Receiver Connector Location** section for more details.

Plug the receiver cable into the receiver socket



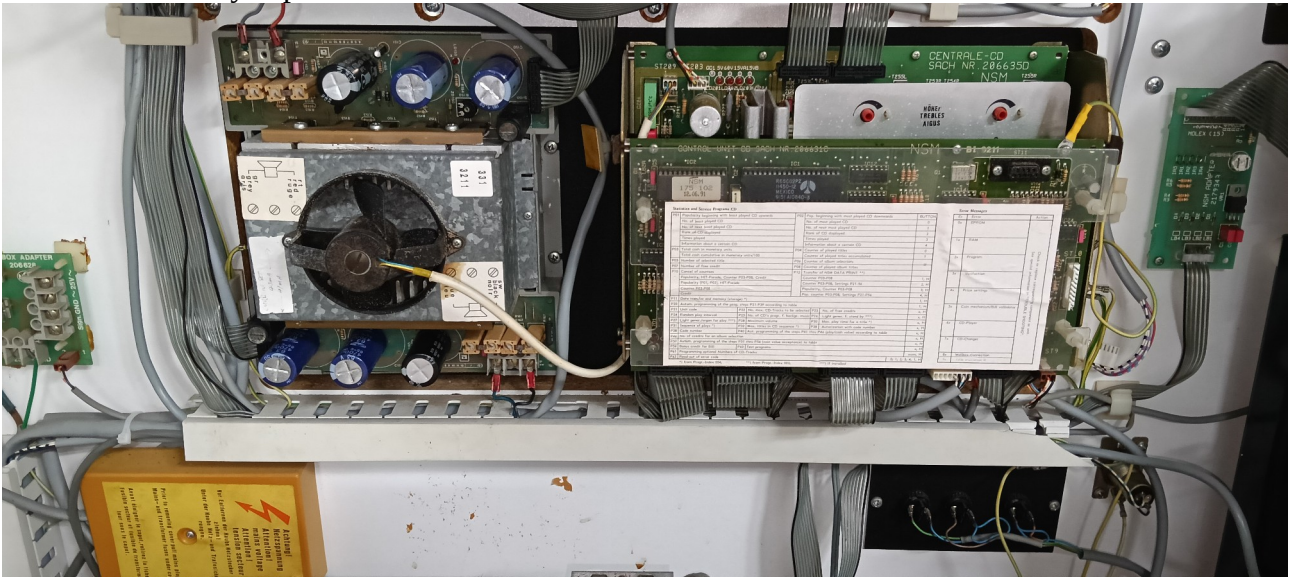
Reattach the Control unit



Secure the remote receiver cable with a cable tie.



Refit the cable tray cap.



Wall Mounted Jukebox Installation

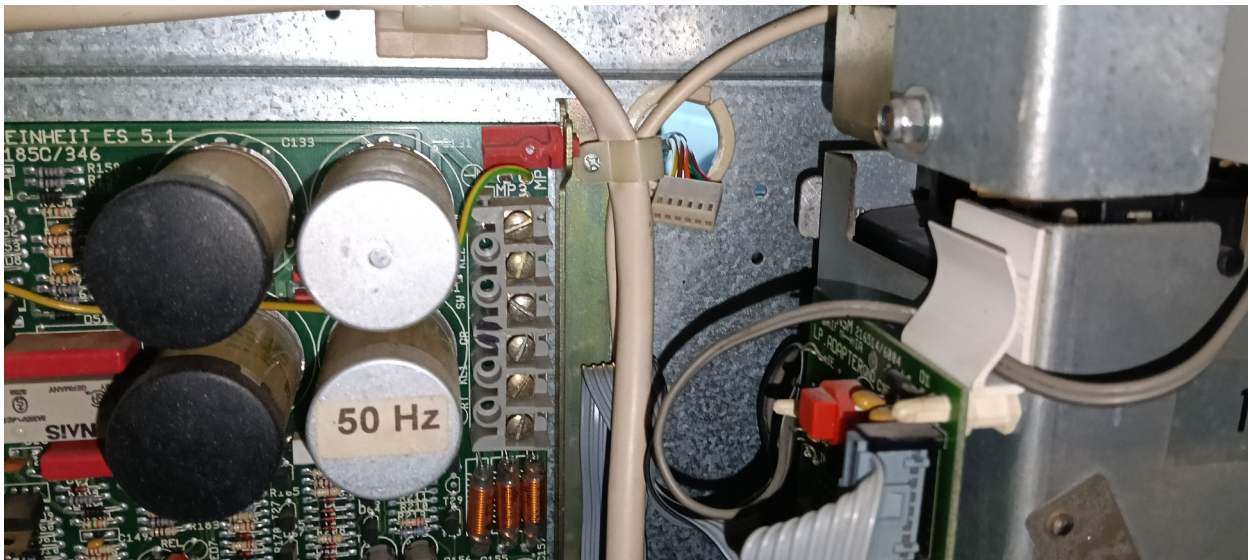
Temporarily attach the receiver to the top of the Jukebox using a standoff and double sided tape or adhesive putty. In this case, the standoff is a piece of wood measuring 106mm (L) x 42mm (W) x 19mm (H) but ultimately you can use anything as long as the receiver clears the top of the jukebox door.



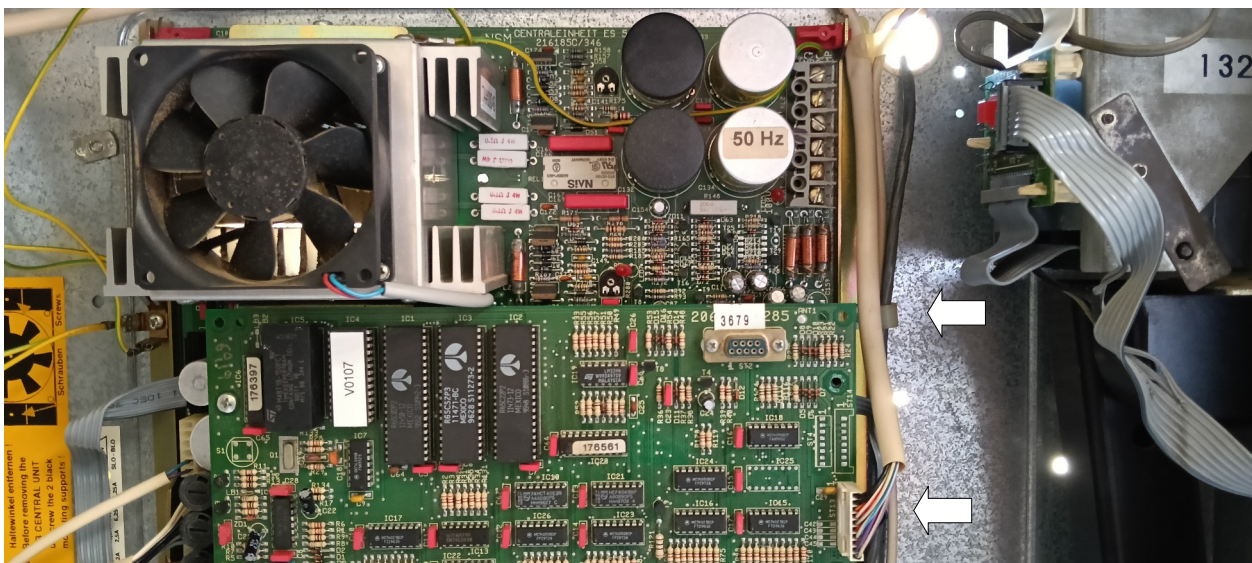
With the receiver temporarily secured, poke the receiver cable through the cable hole at the back of the jukebox. If the Jukebox is mounted on the wall use a cable puller to do this.



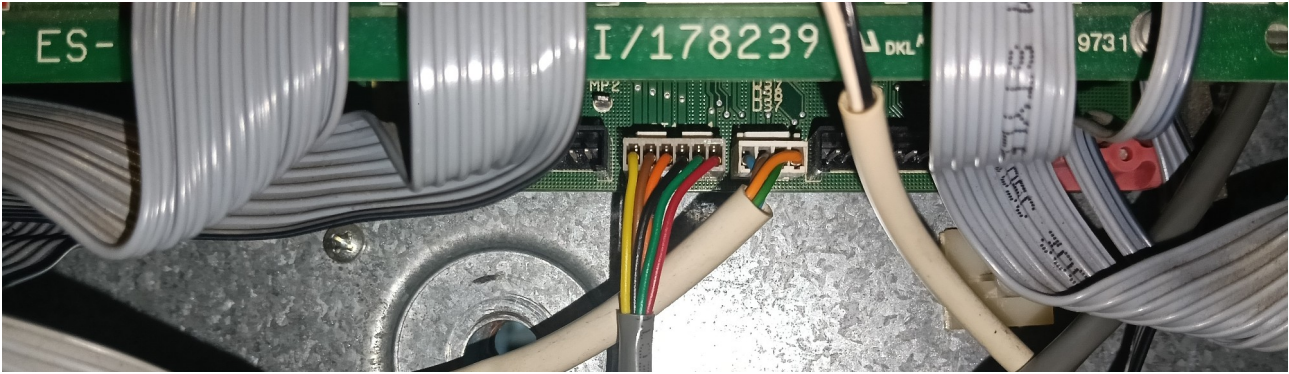
Pull through the cable slack



Run the cable neatly fitting it into the existing harness. If this is difficult, use cable ties around the entire harness to secure the Remote receiver cable in place.



Plug the Remote receiver plug into remote receiver header of the Central Unit.



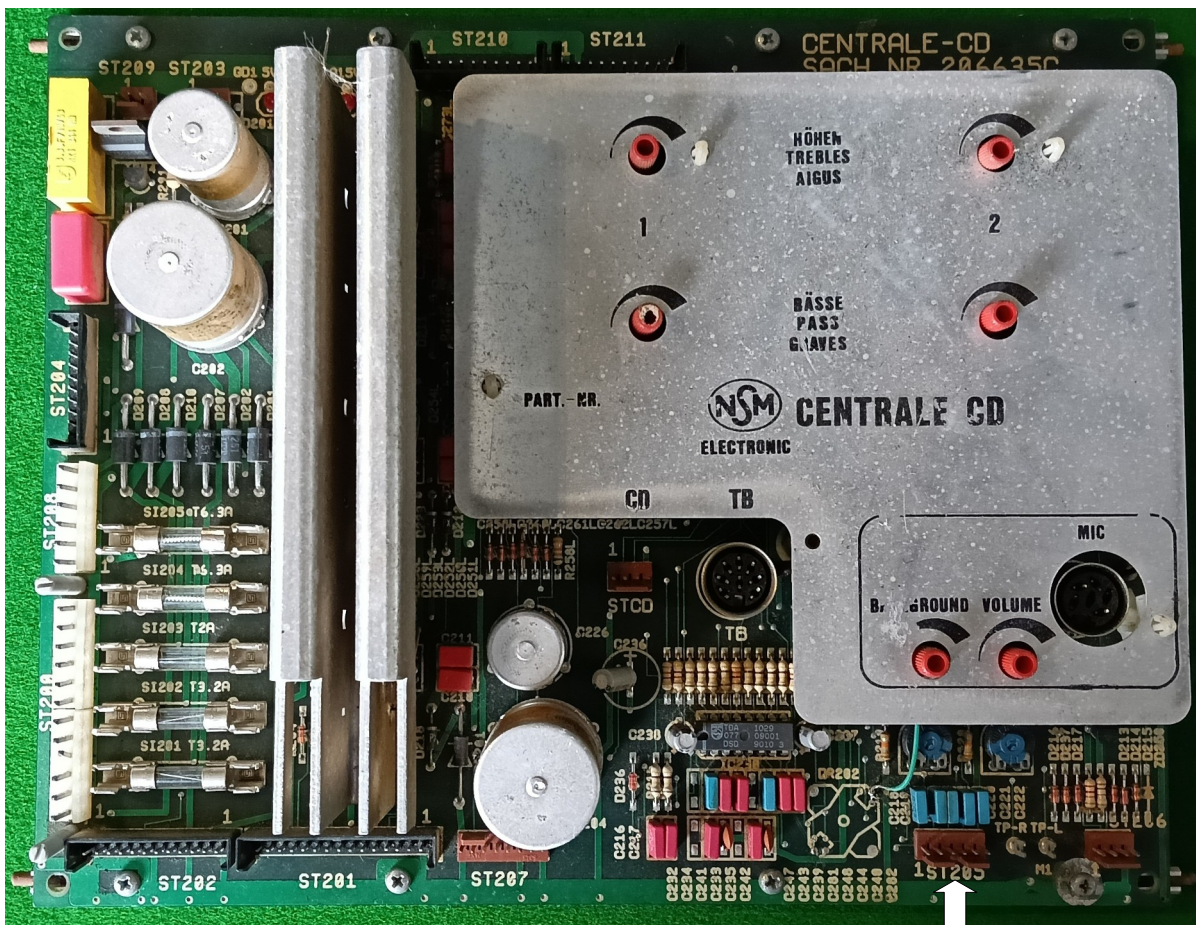
Bundle up the excess cable and place it neatly behind the changer

Note that the receiver header is different depending on the jukebox. Refer to the **Remote Receiver Connector Location** section below for more details.

Remote Receiver Connector Location

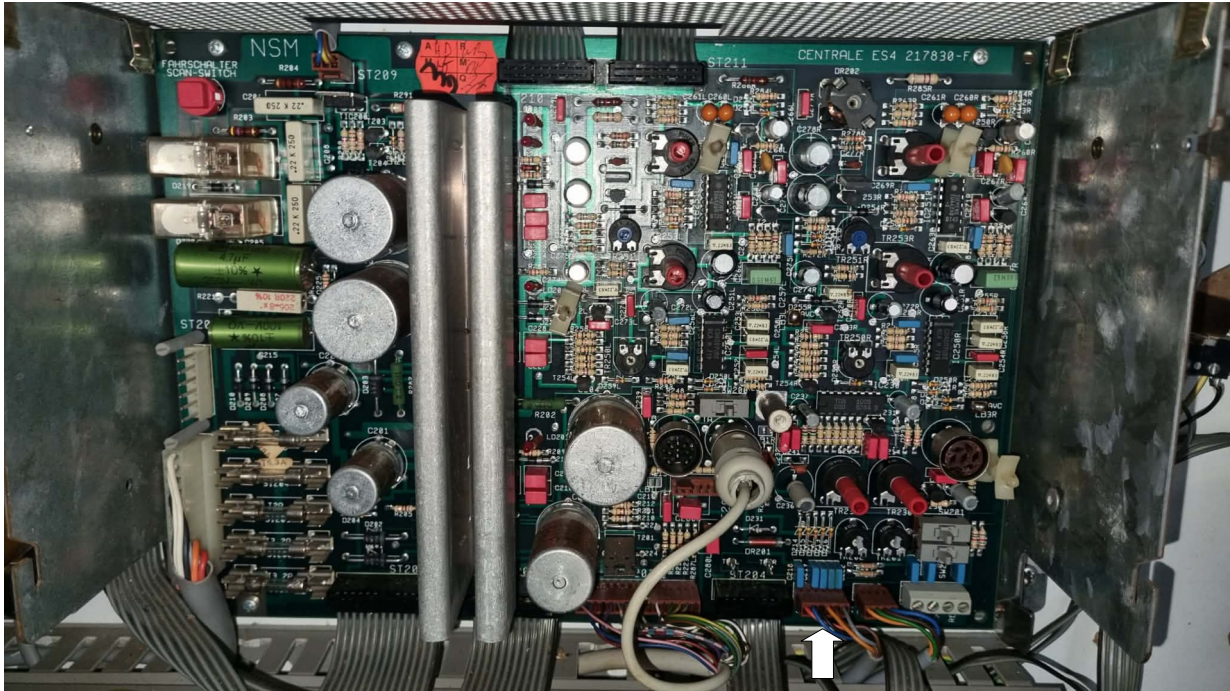
This section is here to make sure that the remote receiver is connected to the correct socket of your jukebox! Check below to see what matches your Jukebox. The arrow indicates the receiver socket.

ESIV CD



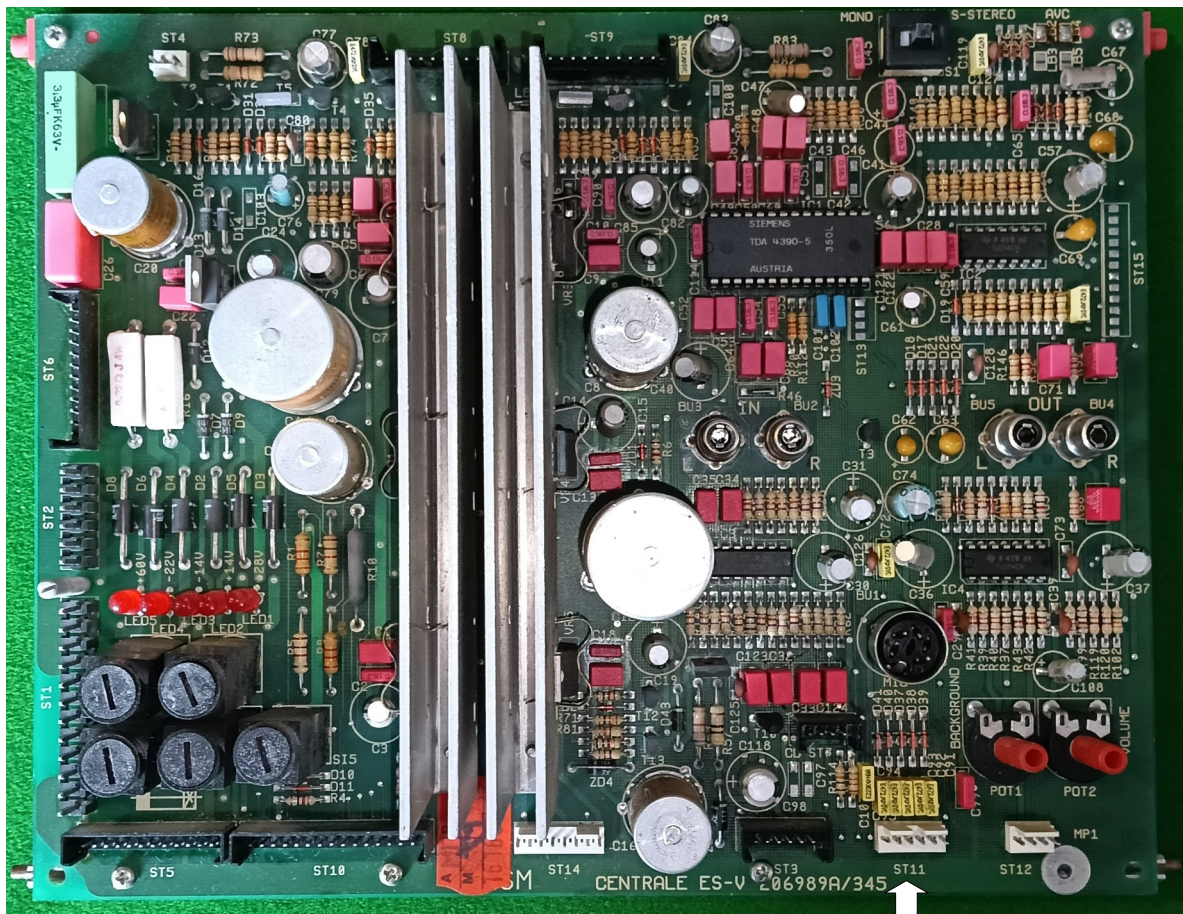
ES IV Central Unit Remote Receiver Socket – ST205

ESIV VINYL



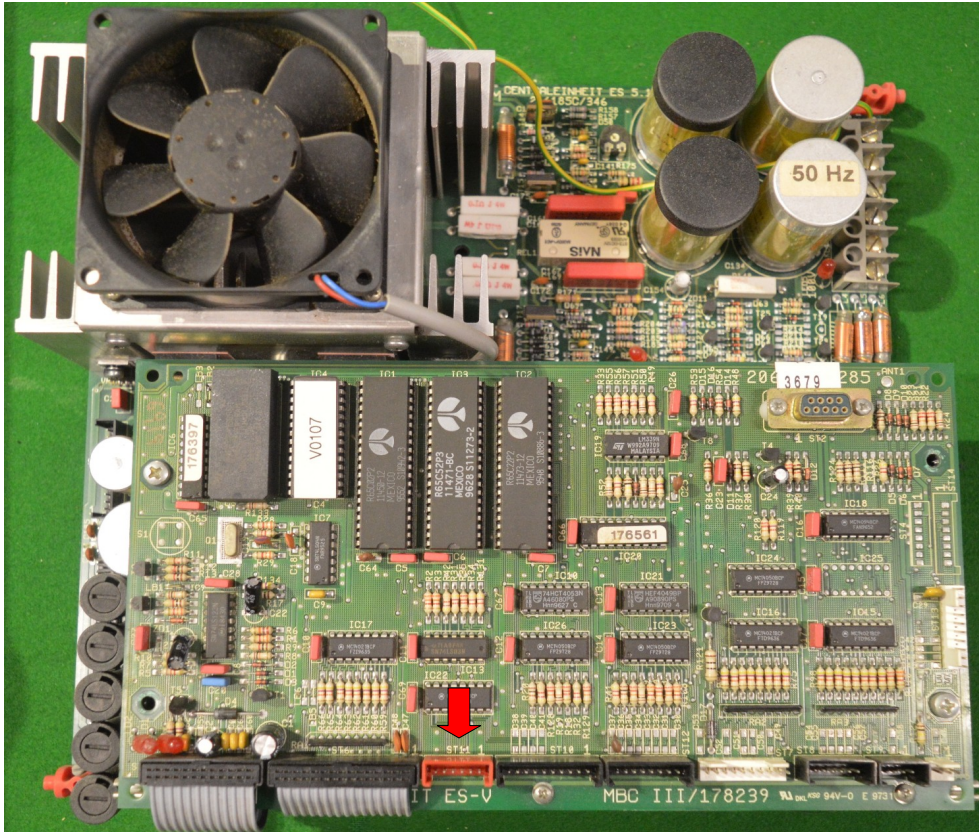
ES IV Central Unit Remote Receiver Socket – ST205

ESV

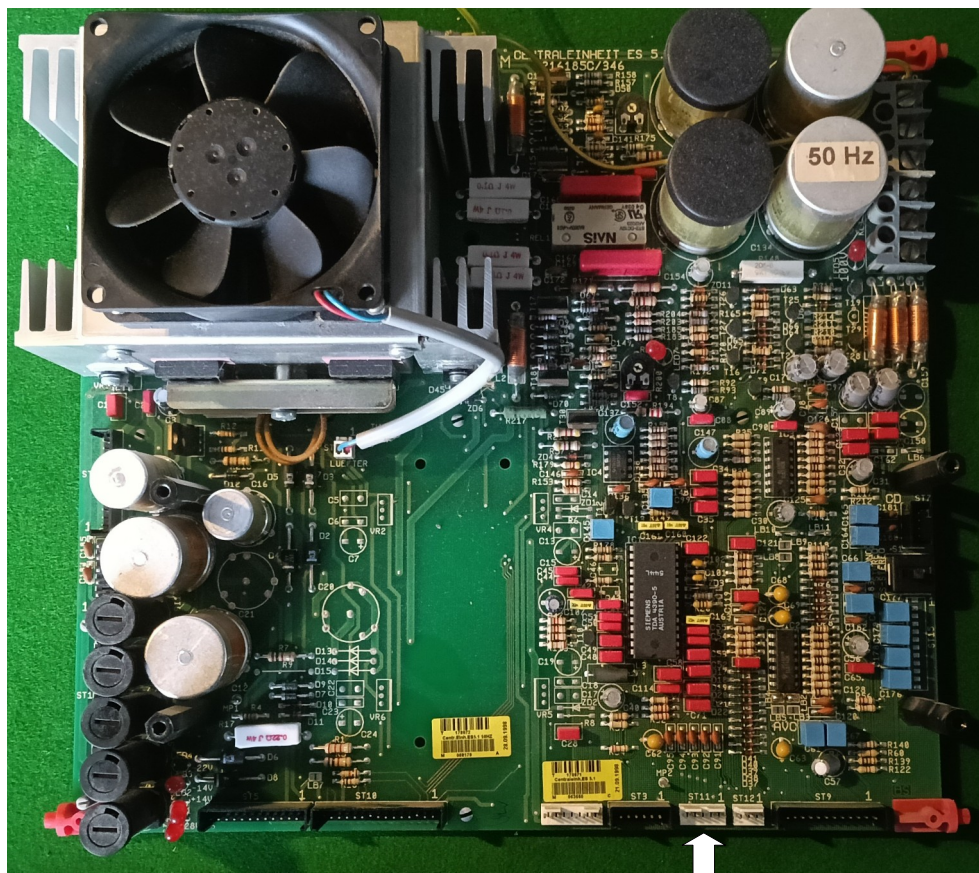


ESV Central Unit Remote Receiver Socket – ST11

ES5.1



CAUTION! DO NOT USE ST11 on the Control board!!



ES5.1 Central Unit Remote Receiver Socket – ST11

Receiver placement - Floor standing (CD and Vinyl models)

The position of the receiver has a significant impact on how well the remote control performs. 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 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 reception 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 typically used from one direction only.

These are the most common mounting positions for floor standing jukeboxes. In general, you can install the receiver anywhere that suits your setup provided the cable can reach the chosen location.

Once you have identified a suitable receiver position, test the coverage using the remote control.

Only after confirming reliable coverage should the receiver be permanently secured to the jukebox using screws or adhesive Velcro.

Receiver placement – Wall mounted models



The best option for a wall mount jukebox is to install the receiver on the top of the cabinet, as described in the installation section. Use a standoff to provide sufficient clearance, preventing the front of the receiver from being obstructed by the jukeboxes front door. Depending on the Jukeboxes location you may need to rotate the receiver to achieve optimal performance. In more challenging installations the receiver may need to be mounted on the wall above or behind the Jukebox. In these cases the correct orientation and final mounting position can only be determined by testing the coverage with the remote control.

Only after confirming reliable coverage should the receiver be permanently secured to the jukebox using screws or adhesive Velcro.

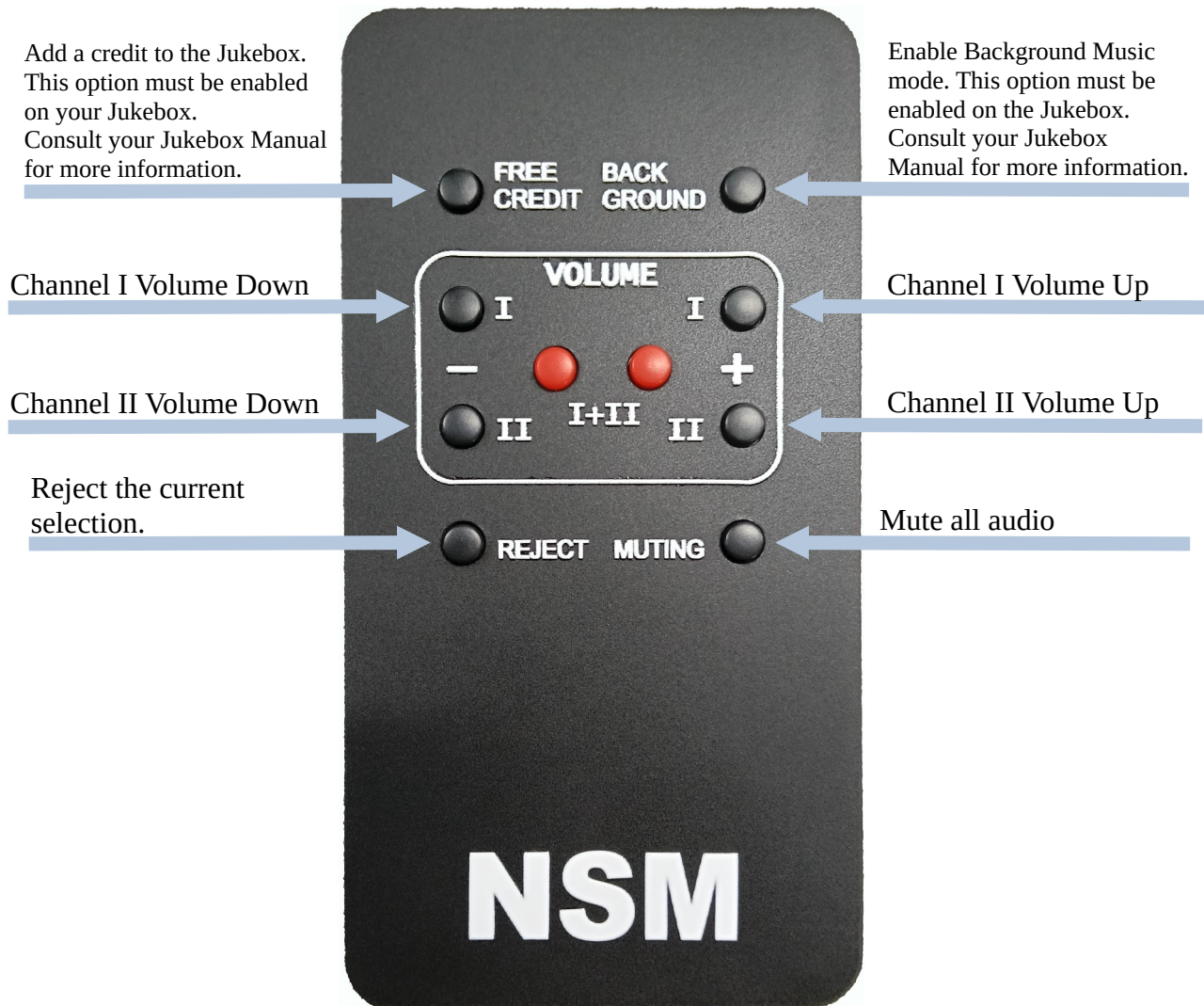
Testing

Make a selection on the jukebox. With the remote control pointed toward the jukebox, use the red + and – buttons to adjust the volume and confirm that the jukebox responds. The current volume level is shown on the jukebox display as two numbers between 0 (minimum) and 31 (maximum), one for each channel.

If the volume changes inconsistently or only works within a very narrow angle, you may need to reposition the receiver.

Remote Control Buttons

Summary of each buttons function.



Troubleshooting

Functions do not work at all

- Check that the remote receiver is plugged in correctly.
- Check that the receiver is connected to the correct socket for your Jukebox. Refer to the Remote Receiver Connector Location section of this guide.
- Check the batteries in the remote control.
- Are you using a compatible remote control?
Only ESIV, ESV and ES5.1 remotes can be used with this receiver.

Free Credits do not work	<ul style="list-style-type: none"> • The FREE CREDIT option must be enabled on your Jukebox for it to work. Refer to your Jukebox Manual for setting up the Free Credit function.
Background does not work	<ul style="list-style-type: none"> • The BACKGROUND music option must be enabled on your Jukebox for it to work. Refer to your Jukebox Manual for setting up the background music option
The is no Audio and the Jukebox display shows “OFF”	<ul style="list-style-type: none"> • The Jukebox is in MUTE Mode. Press MUTE again to return to normal operation
Only one audio channel can be adjusted.	<ul style="list-style-type: none"> • Use the correct volume buttons for the channel you are adjusting. • Use the Red Buttons to adjust the volume for both channels. • Use the I + and – buttons for Channel one volume up and down. • Use the II + and – buttons for Channel two volume up and down. • Does the Jukebox display show both volume levels changing when using the remote.