Introduction & Features

The RPA-SPDIF is an analog to SPDIF converter designed for use with select RadioPRO interfaces. This module will convert analog audio from an aftermarket radio to the SPDIF signal used by some factory amplifiers.

Module Overview

Gain Adjustment
Clipping LED
Power LED

Wiring Harness
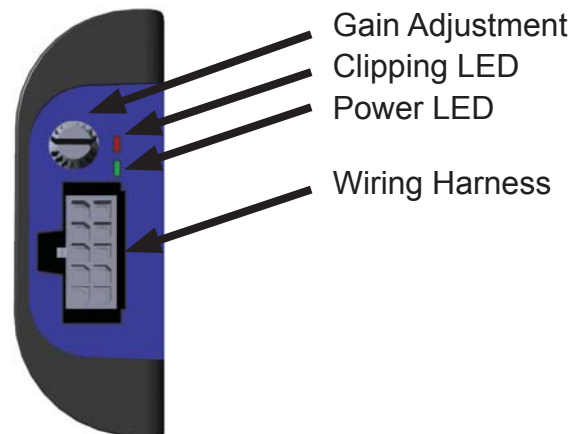
Installation Steps

1. Connect the 10-pin harness to the RPA-SPDIF.

2. Connect the speaker inputs of the RPA-SPDIF harness.

    a. When using with an RP5.2 module, simply plug the 12-pin connector into the amplified audio output of the interface.

    b. When using with an RP4.2 module, you will need to cut off the 12-pin connector and wire the right and left speaker inputs to the front speaker outputs of the aftermarket radio.

3. Connect the 6-pin plug on the RPA-SPDIF (Fig 1) harness to the 6-pin plug on the RadioPRO harness (Fig 2).

4. Turn the Gain Adjustment dial on the RPA-SPDIF all the way to the left (counter clockwise).

5. Turn on the aftermarket radio and set the volume to about 2/3 max volume.

6. Begin turning the Gain Adjustment knob on the RPA-SPDIF to the right (clockwise). Do this until the red clipping LED begins flashing.

7. Once the red LED has turned on, turn the Gain Adjustment knob on the RPA-SPDIF slightly to the left (counter clockwise) until the red LED goes off.

8. Turn off the aftermarket radio and secure the RPA-SPDIF to the RadioPRO harness. Installation of the RPA-SPDIF is now complete.

Fig 1

Fig 2

Rev. 082615