

APH-TY04

Speaker Connection Harness for Select Toyota and Lexus Vehicles with Factory Amplifiers Equipped with a 10-Pin and 12-Pin Connector

Introduction and Features

The APH-TY04 simplifies speaker wire connections when adding aftermarket amplifiers. Aftermarket amplifiers can be easily added with no need to cut or modify a vehicle's original wiring. Each pair of wires has been labeled with the corresponding speaker name.

Installation Notes

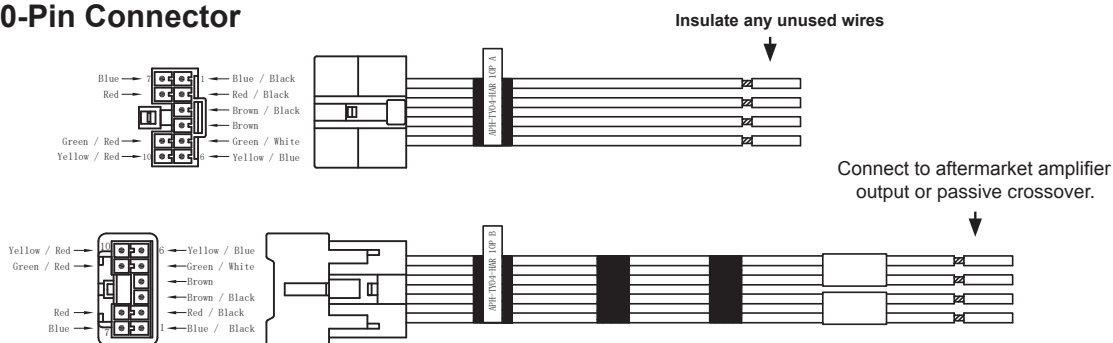
1. It is always best to use a tone generator (PAC part number: TL-PTG2) to verify that the tables in this manual, and the labels on the wires, match the wiring in your specific vehicle. This is important as there are instances where different trim levels of the factory system may have the speaker outputs in different locations.
2. **Any factory amplifier connectors other than the 10-pin and 12-pin connectors used by the APH-TY04, must remain connected to the factory amplifier when using a PAC AmpPRO Interface. The PAC AmpPRO Interface will not operate properly without them connected.**
3. Not all applicable vehicles will come equipped with a corresponding speaker for all of the wires populated in our harness. It is important to understand which speakers are equipped in your vehicle.
4. If you are leaving any of the factory speakers connected to the factory amplifier, simply connect the speaker wires (color for color) between the male and female connectors, for the speakers that will be powered by the factory amplifier. For example: If you want the rear speakers to be powered by the factory amplifier, simply connect the Green, Green / Black, Purple and Purple / Black wires from the male connector to the Green, Green / Black, Purple and Purple / Black wires from the female connector.
5. For vehicles that lose audio output when there is no load on the speaker outputs of the factory amplifier, PAC load resistors will be required (PAC Part Number LR335 or LR475).

Installation Steps

1. Locate the vehicle's factory amplifier and disconnect the 10-pin and 12-pin connectors.
2. Connect the APH-TY04 harnesses to the connectors that were disconnected in the previous step.
3. Connect the male connectors from the APH-TY04 to the amplifier.
4. Connect the longer loose wires from the APH-TY04, to your aftermarket amplifier outputs or passive crossovers, according to the tables in this manual.
5. Insulate unused wires in the 10-pin and 12-pin connectors that plug into the factory amplifier side of the APH-TY04.

Wiring Overview

APH-TY04 10-Pin Connector

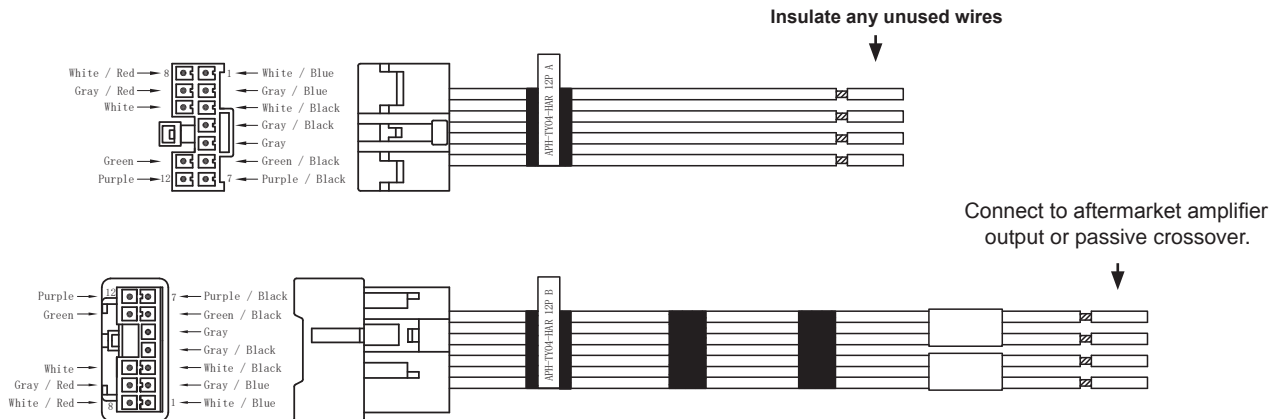


Pin Number	Wire Color	Wires Description	Label
1	Blue / Black	Subwoofer 2 -	Subwoofer 2
7	Blue	Subwoofer 2 +	
2	Red / Black	Subwoofer 1 -	Subwoofer 1
8	Red	Subwoofer 1 +	
3	Brown / Black	Speaker 3 -	Speaker 3
4	Brown	Speaker 3 +	
5	Green / White	Speaker 1 -	Speaker 1
9	Green / Red	Speaker 1 +	
6	Yellow / Blue	Speaker 2 -	Speaker 2
10	Yellow / Red	Speaker 2 +	



Wiring Overview (cont.)

APH-TY04 12-Pin Connector



Pin Number	Wire Color	Wires Description	Label
1	White / Blue	Speaker 4 -	Speaker 4
8	White / Red	Speaker 4 +	
2	Gray / Blue	Speaker 5 -	Speaker 5
9	Gray / Red	Speaker 5 +	
3	White / Black	Front Left -	Front Left Speaker
10	White	Front Left +	
4	Gray / Black	Front Right -	Front Right Speaker
5	Gray	Front Right +	
6	Green / Black	Rear Left -	Rear Left Speaker
11	Green	Rear Left +	
7	Purple / Black	Rear Right -	Rear Right Speaker
12	Purple	Rear Right +	