

# APH-TY02

Speaker Connection Harness for Select Toyota and Lexus Vehicles with Factory Amplifiers Equipped with a 30-pin Dock-n-Lock Connector

## Introduction and Features

The APH-TY02 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.

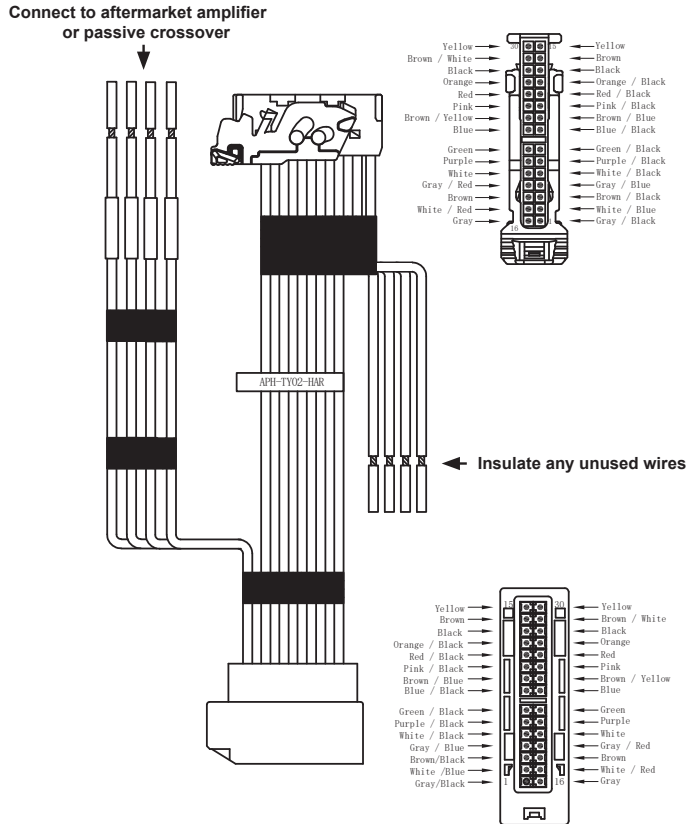
## Installation Notes

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.
2. The 30-pin Dock-n-Lock connector from the APH-TY02 must be connected to the factory amplifier when using a PAC AmpPRO Interface.
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 30-pin Dock-n-Lock connector.
2. Connect the APH-TY02 harness to the connector that was disconnected in the previous step.
3. Connect the male connector from the APH-TY02 to the amplifier.
4. Connect the longer loose wires from the APH-TY02, to your aftermarket amplifier or passive crossovers, according to the tables in this manual.
5. Insulate unused wires in the 30-pin connector that plugs into the factory amplifier side of the APH-TY02.

## Wiring Overview



Pin Number	Wire Color	Wires Description	Label
16	Gray	Speaker 12 +	Speaker 12
1	Gray / Black	Speaker 12 -	
17	White / Red	Speaker 11 +	Speaker 11
2	White / Blue	Speaker 11 -	
18	Brown	Speaker 10 +	Speaker 10
3	Brown / Black	Speaker 10 -	
19	Gray / Red	Speaker 9 +	Speaker 9
4	Gray / Blue	Speaker 9 -	
20	White	Speaker 8 +	Speaker 8
5	White / Black	Speaker 8 -	
21	Purple	Speaker 7 +	Speaker 7
6	Purple / Black	Speaker 7 -	
22	Green	Speaker 6 +	Speaker 6
7	Green / Black	Speaker 6 -	
23	Blue	Speaker 5 +	Speaker 5
8	Blue / Black	Speaker 5 -	
24	Brown / Red	Speaker 4 +	Speaker 4
9	Brown / Blue	Speaker 4 -	
25	Pink	Speaker 3 +	Speaker 3
10	Pink / Black	Speaker 3 -	
26	Red	Speaker 2 +	Speaker 2
11	Red / Black	Speaker 2 -	
27	Orange	Speaker 1 +	Speaker 1
12	Orange / Black	Speaker 1 -	
28	Black	Pass through (Ground)	
13	Black		
29	Brown / White	Pass through	
14	Brown	Pass through	
30	Yellow	Pass through (Constant 12v)	
15	Yellow		

