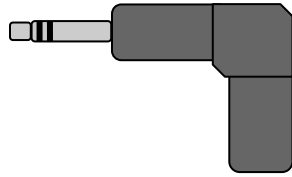
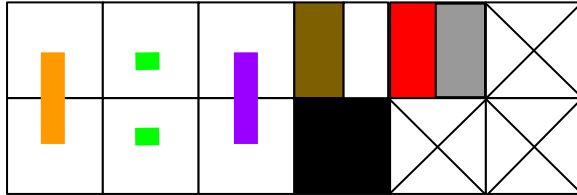


APUNIPL & APUNIPL2 Universal C type Patch Lead

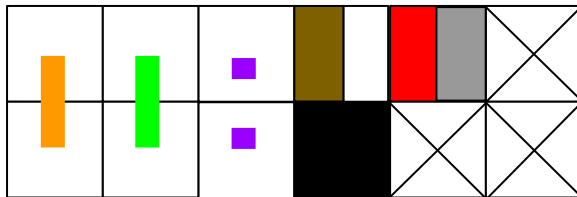
use 3.5mm Jack for these Head-units



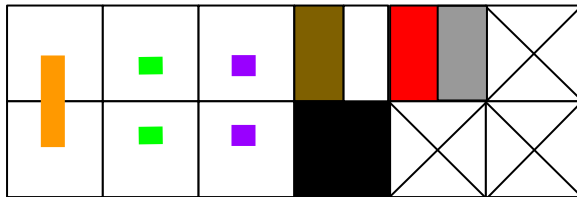
Alpine
Cut Green Link



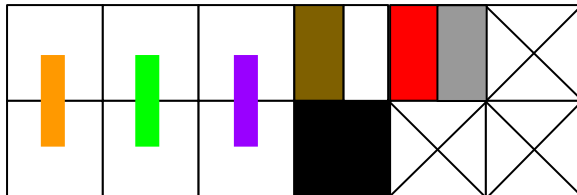
Clarion
Cut Purple Link



JVC
Cut Green & Purple Link



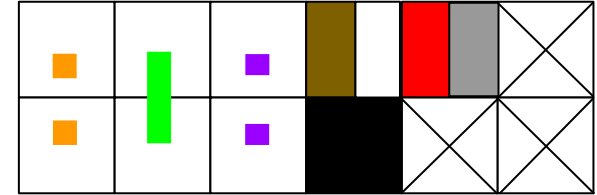
**PIONEER,
LG & SONY**
No cutting required



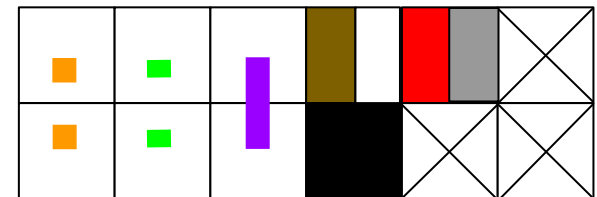
use Key 1 Bullet terminal for these Head-units



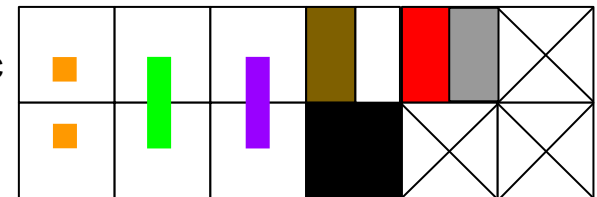
**Grundig,
Nakamichi**
Cut Orange & Purple Wire



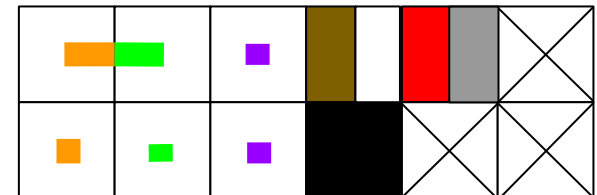
Kenwood
Cut Orange & Green Wire



Panasonic
Cut Orange Wire

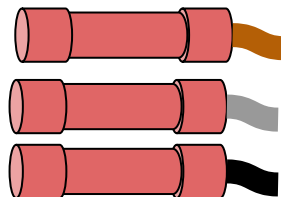


Zenec
Cut all 3 wires, solder Orange and Green together as shown

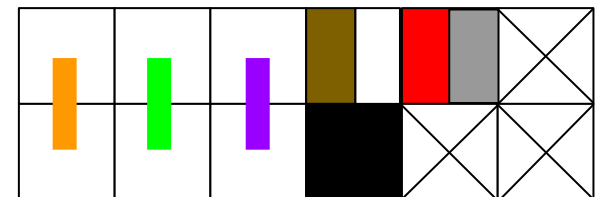


APUNIPL2 only

use Key 1, Key 2 and GND Bullet terminals for Self Learn Head-units



**Self Learn
Head-units**
No cutting required



For best results or to reset the control module with a new Brand. Please make modifications to the Patch lead first, before connecting to the steering wheel control module and before powering the module up.

Kenwood/JVC : Some Kenwood/JVC radios have 2 steering control inputs. A 3.5mm socket (Remote IN) and Blue with Yellow trace wire. To send direct translated codes to your Kenwood/JVC radio, configure the patch lead up as Kenwood or JVC outlined in the configuration assignments and connect the Brown patch lead wire to the Blue with Yellow trace wire coming from your Kenwood/JVC harness, Disregard the 3.5mm jack it will not be used. If you would like to be able to program and re-map your steering controls configure the patch lead as Sony/LG/Pioneer and plug the 3.5mm Jack into the Remote IN of the Kenwood/JVC, Disregard the brown wire.

Pioneer : Some Pioneer models require the steering controls to be enabled in the pioneer radio as they will default OFF. These steering control settings are located in the system settings of the radio can only be accessed whilst the unit is in standby mode and the park-brake wire is connected (if applicable) Please refer to your Pioneer manual on exact methods for enabling steering controls.

Sony : Newer Sony radios may give you incorrect SWC button presses after installing a control harness. This is due to a slight change in input codes on the newer Sony radios. To resolve this please do the following steps:

- Remove the Steering control harness from the vehicle.
- Remove the plastic casing from the black steering control box.
- Locate the very small dipswitch selector on the board
- Turn dipswitch 4 OFF.
- Re-assemble and test.

There is also some Sony radio's that default steering controls off. If you are receiving no steering control functions at all please refer to your Sony manual on how to enable steering controls.

General : Please ensure all connections to your aftermarket head unit (including patch lead modification) are completed before power is provided to the harness.

Some of our control harnesses work by translating the vehicles CANBUS data and can only start this process on ignition. If you find that you are not getting any response from your steering controls on accessory (single key click) please re-test on ignition.

Note: The steering controls must be working in the vehicle previously to work with our control harnesses. They will not fix a previous underlying problems.