UPGRADED

Stereo Replacement **Data Interfaces**
FORD

PRIOR TO INSTALLATION

Installation requires technical knowledge, so please read this manual fully before starting. Install the product in a dry location away from heat sources and use the correct tools to avoid damage to the vehicle or product. Before installation, disconnect the negative battery terminal and remove the key from the ignition. We cannot accept responsibility for damage or issues caused by incorrect installation.

VEHICLE APPLICATION

Please disconnect the module before setting or changing the Dip switches. **DIP SWITCH ON OFF**

UPSW-FD1
UPSW-FD2
UPSW-FD4

Ford Ecosport 2013-2017
Ford Focus 2012-2014
Ford Focus 2015-2018
Ford Kuga 2013-Up
Ford Ranger 2012-2015
Ford Transit 2013-2017 Custom
Ford Transit 2014-2017 VO
Mazda BT-50 2012-2018
Mazda BT-50 2018-2019



UPSW-FD5
UPSW-FD6

Ford Focus 2015-2018
Ford Ranger 2015-2018 MKII
Ford Ranger 2018-2021 MKIII



OUTPUTS

Steering Wheel Control Support: YES
Reverse Trigger: YES
Illumination: YES
Factory Amplifier: YES
Factory Radio Antenna: YES
Factory Reverse Camera: YES (selected model only)
Support time setting from factory via steering wheel controls. (selected models only)

TIME & DATE SETTINGS (UPSWFD1, FD2, FD4)

1. Enter Setup Mode: Press and hold the ***Voice*** button on the steering wheel for 15 seconds to enter Time Setup Mode.

2. Adjust the Time and Date: Use the Volume ***Up/Down*** buttons to adjust the values. Press Next to move between - Hour > Minutes > Date > Month > Year.

3. Exit Setup Mode: After setting the Year, press ***Next*** to save the settings and exit Setup Mode.

STEREO DIPSWITCH CONFIGURATION

Before installation, configure the four DIP switches on the interface according to the settings shown below. Ensure the interface is disconnected from the vehicle before adjusting the DIP switches.

DIP SWITCH ON OFF



STEERING WHEEL CONTROL SETUP

CONNECTION OPTIONS

8-Pin Connector & 3.5mm Jack
For Aerpro AM905D, AM1005D, Pioneer SPH-PF97BT, DMH-AP6650BT, it is recommended that both the 8-pin connector and 3.5mm jack are connected.

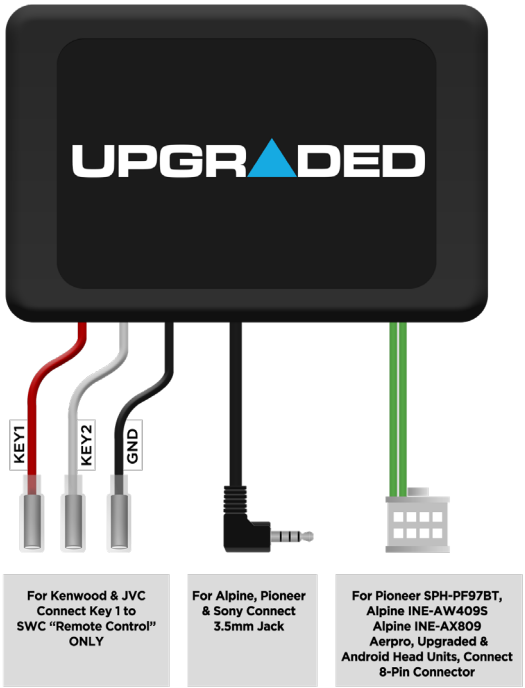
3.5mm Jack Connector
Connect the 3.5mm jack to the female SWC input on the head unit.

Wired - KEY1 & KEY2
For head units without a direct plug-in connection, connect SWC Key 1. In some cases, SWC Key 2 and SWC GND may also be required.

8-Pin Connector
Connect the 8-pin plug to the SWC input. This connection is required for Android head units, Upgraded, Alpine INE-AW409S and Alpine INE-AX809.

Kenwood & JVC
For Kenwood and JVC multimedia receivers, connect only the “Steering Wheel Remote (SWC) Input / Remote Control” wire to SWC Key 1. SWC Key 2 and SWC GND are not required.

Unless otherwise specified, most head units require only one SWC connection for steering wheel control retention.



STEERING WHEEL CONTROL PRESETS

Alpine ***(for Alpine INE-AW409S, Alpine INE-AX809 use Android settings below)***
Steering wheel controls can be operated directly once the interface is connected.

JVC & Kenwood
Steering wheel controls can be operated directly once the interface is connected.

Pioneer
1. On the head unit, go to > Settings > Steering Wheel Control > With Adapter

Pioneer SPH-PF97BT & DMH-AP6650BT (Two setup methods)

1. 3.5mm Jack: DIP switches: 1-ON, 2-ON, 3-OFF, 4-OFF.
Go to Settings > Steering Wheel Control > With Adapter.

2. 8-pin Adapter: > Reset the head unit.
> Select Hiworld as the SWC provider.
> Select the appropriate vehicle type.
> Follow the on-screen instructions to program the steering wheel controls.

The head unit may display factory vehicle information. Check the Pioneer website for compatibility.

Android & Upgraded Head Units
Including **Alpine INE-AW409S, Alpine INE-AX809** and **Upgraded** head units.
The steering wheel controls can be connected using either the **8-Pin CAN BUS** connection or **Key 1 / Key 2 / GND.**

Android using CAN BUS 8-Pin Connector
1. Connect the **8-Pin CANBUS connector**
2. Set the DIP switches to Android Factory Settings. 1-ON, 2-ON, 3-ON, 4-ON.
3. Configure the head unit according to the manufacturer:
Alpine - Enter the password: **1967**
Upgraded - Enter the password: **000000**

Android without CANBUS - Use Key 1, Key 2 and GND
1. Connect **Key 1, Key 2 and GND** to the corresponding wires on the head unit.
2. Set the DIP switches to Program 1-OFF, 2-ON, 3-ON, 4-OFF.
3. Select SWC Learning
4. Open the steering wheel control learning menu on the head unit.
5. Follow the on-screen instructions to program each steering wheel function.

Aerpro AM905D / AM1005D

1. 3.5mm Jack: DIP switches: 1-ON, 2-ON, 3-OFF, 4-OFF.
Go to Settings > Steering Wheel Control > With Adapter.

2. 8-pin Adapter: > Reset the head unit.
> Select Hiworld as the SWC provider.
> Select the appropriate vehicle type.
> Follow the on-screen instructions to program the steering wheel controls.

The head unit may display factory vehicle information. Check the Pioneer website for compatibility.

Sony

1. Settings > General > Steering Control > Preset.
Select the appropriate preset for your vehicle.

2. If Preset does not work set Dipswitches to 1-OFF, 2-ON, 3-ON, 4-OFF.
Select Custom in the steering control menu.
Follow the on-screen instructions to learn each steering wheel function.

Scan the QR code to access the latest digital version of the SWC interface instructions.