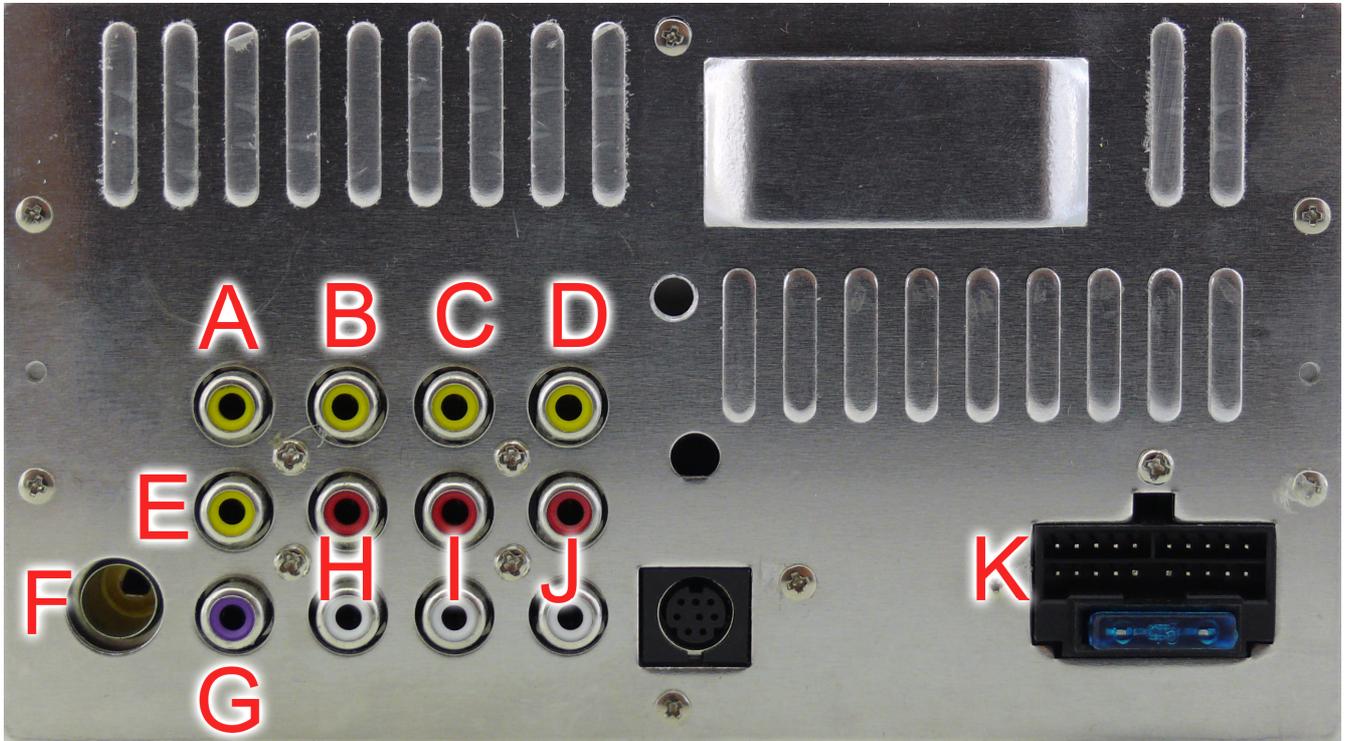# NVS

DV-1820

MULTIMEDIA SYSTEM

Owners Manual

Installation

This unit is fitted with ISO connectors which allow direct fit into many European cars.
Adaptors are widely available to convert the ISO connector to vehicle specific
factory loom to allow direct plug and play connections.
Mount the unit securely into the dash

Connections

A	Rear camera video input	**F**	Radio antenna
B	Aux video input	**G**	Subwoofer output
C	Video output 1	**H**	Aux audio input left (white) right (red)
D	Video output 2	**I**	Rear audio out left (white) right (red)
E	Front camera video input	**J**	Front audio out left (white) right (red)

K   Main connector

Colour	Function	Colour	Function
Black	Ground	White	Front left speaker +
Yellow	+12V constant input	White/Blk	Front left speaker -
Red	+12V ACC switched input	Grey	Front right speaker +
Blue	Amp remote output	Grey/Blk	Front right speaker -
Blue - ant	Automatic antenna output	Green	Rear left speaker +
Pink - Brake	Handbrake input (Ground to enable)	Green/Blk	Rear left speaker -
Pink - Back	Reverse signal trigger 12V input	Purple	Rear right speaker +
Orange - Key1	Steering wheel control input 1	Purple/Blk	Rear right speaker -
Orange - Key2	Steering wheel control input 2		
Orange - ill	Illumination input		

Front Panel

A	**Reset**	In the event you need to factory reset the unit, press in with a pin etc
B	**Eject**	*Press* to eject CD/DVD Disc
C	**Menu**	*Press* to get to the main menu icon screen as pictured above
D	**Micro SD Port**	*Insert media*, a files list will automatically load and be displayed
E	**Power / Volume Control / mute**	

To turn the unit on, *press* the volume control briefly
To turn the unit off, *press* and hold the volume control for 1 second
Turn to adjust volume
When unit is on, *press briefly* to mute the speakers, *press again* briefly to resume sound

F	**USB Port**	*Insert media*, a files list will automatically load and be displayed
G	**Aux In**	Font Auxiliary input 3.5mm stereo
H	**Radio Icon**	*Press* to turn on AM/FM tuner
I	**USB Icon**	*Press* to switch source to USB
J	**Screen off**	*Press* to display blank screen, touch anywhere on panel to resume
K	**Disk Icon**	*Press* to start/resume CD/DVD playback
L	**SD Icon**	*Press* to start/resume/list files on the micro SD card
M	**Menu Pg 1**	*Press* to display Page 1 of main menu screen
N	**Clock Icon**	Displays current time. *Press* to make time full screen
O	**AV IN Icon**	*Press* to display auxiliary AV input
P	**F Cam Icon**	*Press* to display front camera image (if fitted)
Q	**Menu Pg 2**	*Press* to display Page 2 of main menu screen
R	**Audio Icon**	*Press* to display and modify audio settings
S	**iPod Icon**	Not on this model
T	**Wallpaper Icon**	*Press* to change screen background wallpaper

Front Panel Continued
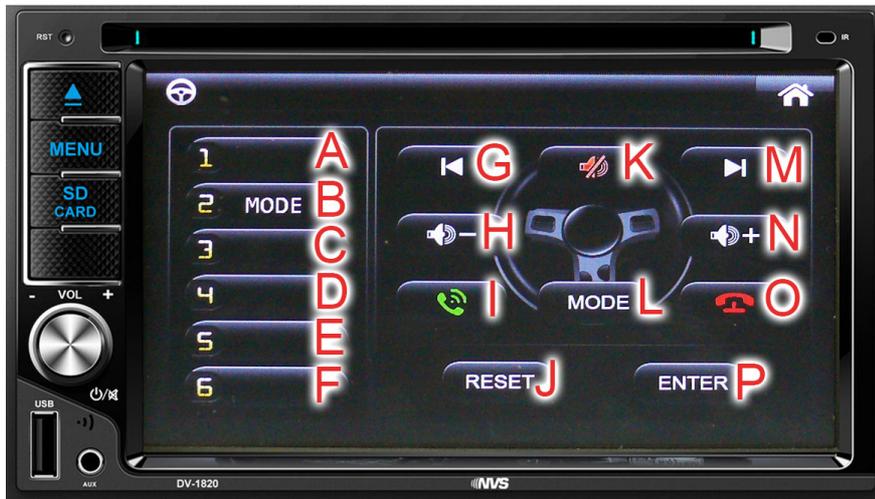
Main menu page 2 *Press X* to get to this page

U	**TCH Cali**	*Press* Icon to enter touch screen calibration mode
		If touch screen is not responding correctly to screen presses, then answer *yes* to the prompt "Is screen calibration?" *Press* the orange + signs as they move around to each blue circle for 1 cycle. Then *press* MEN button on front panel to exit this mode

V Option Icon   To change system settings *press* this icon and the system settings screen will be displayed *(see next page for more information)*

W Menu Page 1 Press to display page 1 of main menu

X Menu Page 2 Press to display page 2 of main menu

System Settings

A	**Time/Date**	*Press* to adjust the time and date properties *Press* + and - buttons to set the time and date *Press* MEN button to exit setup
B	**Language**	*Press* to adjust desired language. Default is English *Press* MEN button to exit setup
C	**Steering Wheel Control function**	

This unit has the ability to learn commands from the steering wheel controls if your vehicle is fitted with them
See next page

D	**Park Brake**	This head unit is fitted with a handbrake input wire, which if connected to the handbrake (ground to enable video playback), will disable any video media playing on the screen while driving.

This can be disabled by the (P) icon
Off will ignore handbrake input
On will obey handbrake input and disable video to the screen

E	**Startup Pic**	*Press* this to change the startup wallpaper when unit is switched on *Press* the icon and enter pin number (default 0000)Then *press* enter There are 2 pages of icons to choose from (use arrow at top left of screen to get to next page) *Press* MEN button to exit once new image is selected
F	**Other**	Factory set functions This menu is for factory settings and is generally not required as there is no Bluetooth / GPS / TV / RGB /or Digi TV on this model The "*Change pul 10K*" is factory default to ON
G	**Beep**	This makes any key or screen icon press to emit a beep *Off* will disable beep function. To enable beep, *press* the *Off* text and it will switch to *on*. Do the reverse to disable beep
H/K	**Screen Saver**	This is a timer to turn off the screen when no keys are pressed within the specified time. The timer is set by default to *00 mins* so screen will never turn off.
I/L	**Radio Region**	This sets the frequency stepping for the AM and FM bands. This should be set to *Oceania* for correct NZ radio operation
J	**Rear Camera image reverse**	This will reverse the image for the rear camera input. Most aftermar ket reversing cameras will already be mirrored correctly so the function should be set to *off*

Steering Wheel Control Detailed setup

This unit has the ability to learn commands from the steering wheel controls if your vehicle is fitted with them. You can then assign different commands as pictured on the right side of the screen with up to 6 buttons on the left

A to F   Memory Locations 1 to 6

G	**PREV**	Previous track or Tune down a step on radio
H	**VOL-**	Decrease volume
I	**Not used**	**on this model**
J	**RESET**	Used to erase a memory
K	**MUTE**	Mute the radio
L	**MODE**	Changes source
M	**NEXT**	Next track or Tune up a step on radio
N	**VOL+**	Increase volume
O	**Not used**	**on this model**
P	**ENTER**	Confirms learned function

To enter the programming mode, *Press* the Steering wheel icon from the second screen on the system menu. Enter pin number (default 0000) then *press* enter

Make sure all connections are wired in correctly into rear of the wiring loom

Clear any existing memories. For example in the above picture to clear memory 2, *press* memory 2 and then the *RESET* button. Memory 2 button will now be blank

To programme any steering wheel button
Press a blank memory location on the left side of the screen 1 to 6
Press the button on the steering wheel you want to learn, the memory location will then turn orange (*If it does not turn orange, then check wiring as it is not recognised*)
Press the desired command from the right side of the screen
Press Enter (A red arrow will prompt you to do this)

Repeat the process to add more buttons

Press MEN button to exit

Not working?
If the steering wheel programing is not working as expected, try to exit out of the menu and re-enter programing mode, this will reset learning mode (but will retain already learned commands)

If the unit can't sense the steering wheel inputs, but are correctly wired, it may be incompatible with your vehicle.

AM/FM Radio Operation

A	Tune Down	*Press* to tune down 1 step in frequency
		Press and hold to automatically tune down to the next station
B	Tuning Scale	*Press* anywhere on the scale to directly go to frequency
		Press and slide on the scale to directly go to any frequency
C	Tune up	*Press* to tune up 1 step in frequency
		Press and hold to automatically tune up to the next station
D	Tune up/dwn	*Turn* to tune up or down 1 step in frequency
	Presets	*Press briefly* buttons 1 to 6 to access stored radio stations
		Press and hold to store the currently displayed frequency
E	AMS	Automatic Memory Scan. In tuner mode, *press* and the strongest signal memories will be automatically stored in the preset memories
F	Band	*Press* to turn on AM/FM tuner. Press again to change band from AM/FM etc
G	ST/MO	*Press* to select ST (Stereo) or MO (Mono) MO is mainly used if reception is in a fringe area causing unit to flicker in and out of ST/MO
H	LOC/DX	*Press* to select Local or Distant radio reception. Unit is set default to Distant station. Use Local setting if in close proximity to a radio transmitter which swamps the receiver
I	AUDIO	*Press* to change preset eq sound settings Pop/Classic/Jazz/Flat/Rock
J	RDS	Not on this model