



DKGM-48S

Radio Replacement with SWC Retention and Single DIN Dash Kit for GM
Class II Vehicles 2003-2013

PRODUCT MANUAL
VER.072126

CONTACT

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PRODUCT FEATURES:

- Retains factory features in select GM Class II Data Bus vehicles while functioning with an aftermarket radio.
- Pre-programmed to retain factory Steering Wheel Controls.
- Voice Recognition Command from factory SWC.
- Supports Bose, Y-91 and non-amplified audio systems.
- Retains chime functions.
- Built-in chime volume adjustment.
- Double DIN Dash Kit included.
- EIA color coded wiring for easy installation.

PARTS INCLUDED:



GM-48S Module



GM-48S Harness



SWC Cables

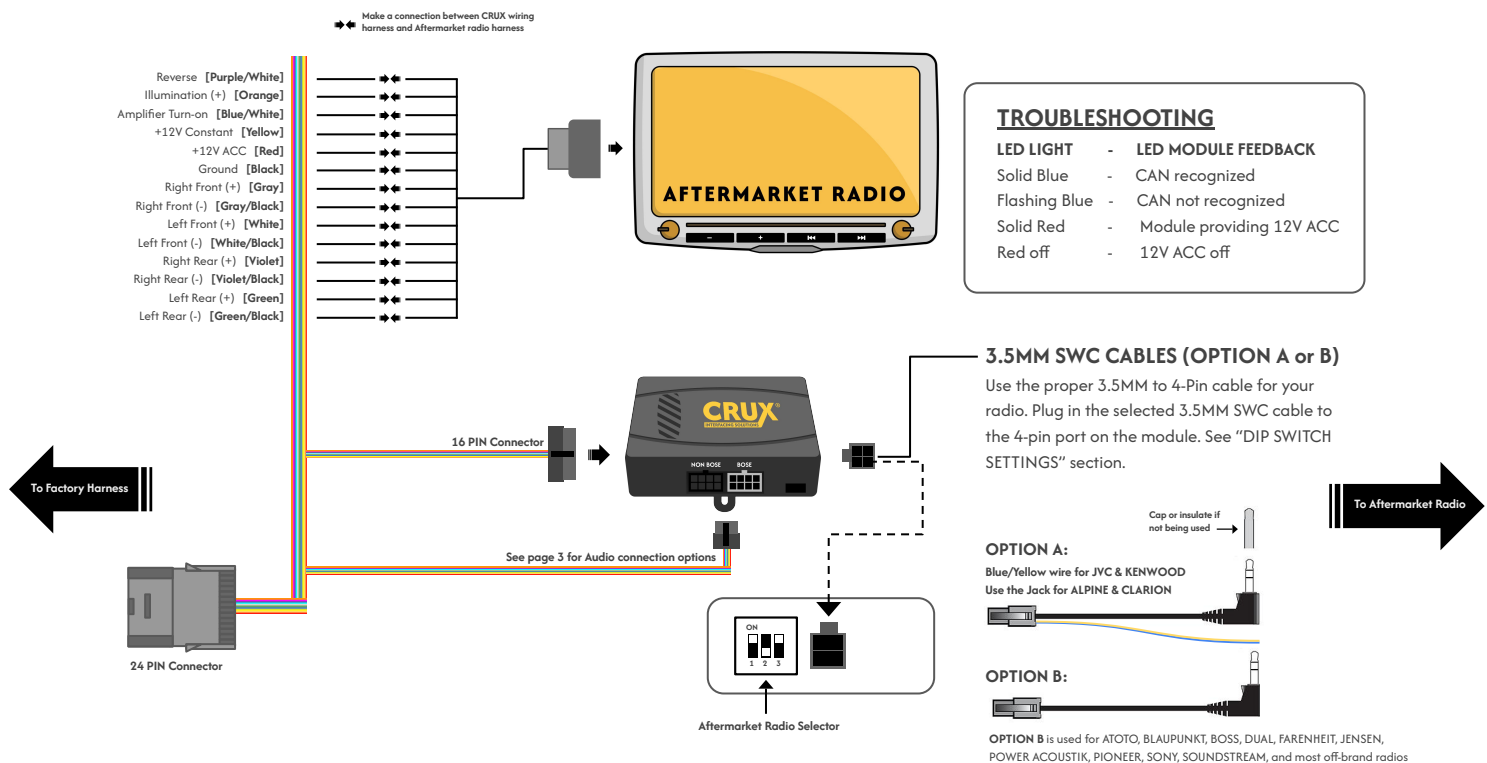


Antenna Adapter



Dashkit

INSTALLATION DIAGRAM:



DIP SWITCH SETTINGS:

AFTERMARKET RADIO DIP SWITCH SETTINGS:

RADIO BRAND:	DIP#:	1	2	3
Atoto, Dual, Fahrenheit, Jensen, Nakamichi		OFF	ON	ON
Pioneer, Power Acoustik, Soundstream		OFF	ON	ON
Blaupunkt, Most off-brand Radio		OFF	ON	ON
Alpine		OFF	OFF	OFF
Clarion		ON	ON	OFF
Kenwood		ON	ON	ON
JVC		ON	OFF	ON
BOSS, Old Sony		ON	OFF	OFF
New Sony (with CarPlay)		OFF	ON	OFF

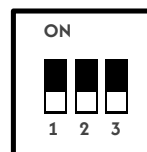
NOTE: For Atoto, Blaupunkt, Dual, Fahrenheit, Nakamichi, Power Acoustik, Soundstream, and most off-brand radios. Check the aftermarket radio's manual to see if the SWC buttons need to be programmed
 * For SWC Learning Radios specific steps are required. Please scan the QR code on the right.

SWC TROUBLESHOOTING OPTION



Located internally, need to take plastic casing off module

If Steering Wheel Controls don't work or work properly, please switch internal DIP switch from 3v3 to 5v as shown in picture above.



SWC Module
DIP Switch

For aftermarket radios that have wires for SWC connections, cut off the 3.5mm plug on the Crux SWC Cable and connect the SWC wires as follows:

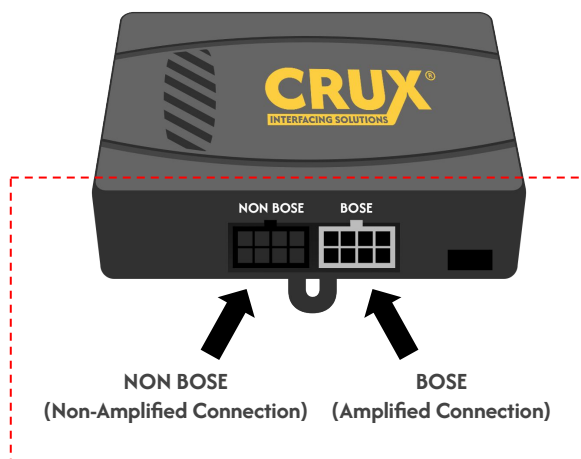


Note that there are some radios that only have SWC1 and SWC2, in this case "shield" does not need to be connected.

SELECTING THE AUDIO SYSTEM:

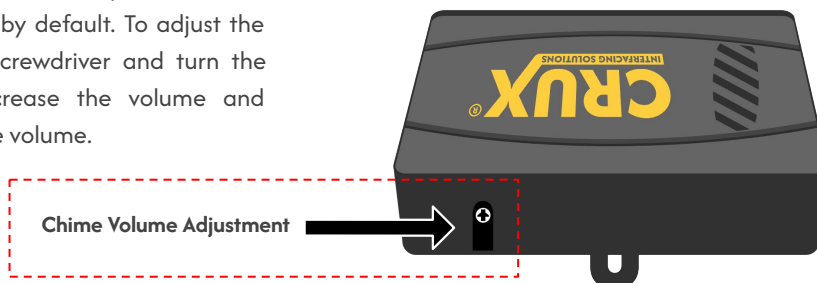
If the vehicle is equipped with an amplified audio system, the DKGM-48S has a built-in audio level adaptor that outputs the proper audio level from the aftermarket radio to the factory amplifier. To use this feature, plug in the male 8-PIN connector on the DKGM-48S harness to the GRAY female 8-PIN connector on the SWRGM-48 module. The module is also labeled "BOSE" and "NON BOSE" to avoid confusion. (see image for reference)

If vehicle is NOT equipped with a factory amplified system, plug-in the male 8-PIN connector the the BLACK female 8-PIN on the DKGM-48S module.



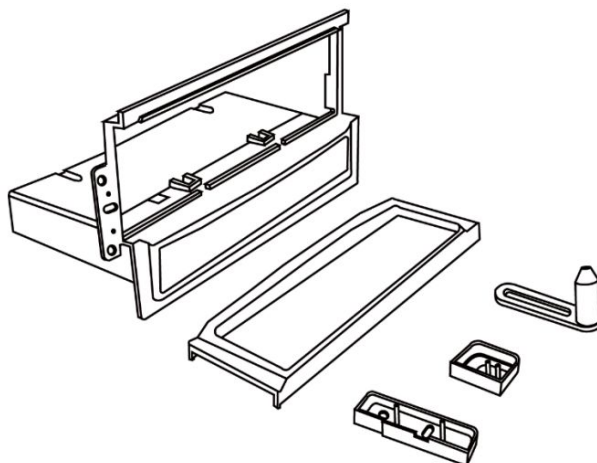
CHIME VOLUME ADJUSTMENT:

The DKGM-48S has a potentiometer to adjust the chime volume. It is set at the half way by default. To adjust the volume, simply use a suitable screwdriver and turn the potentiometer clockwise to increase the volume and counter-clockwise to decrease the volume.



DASH KIT INSTALLATION:

Please make sure that you have all the parts shown below.



2001-2005 PONTIAC GRAND AM

DASH DISASSEMBLY INSTRUCTIONS

1. Pry out trim bezel with a panel removal tool, disconnect harness and remove.
2. Remove 3 (three) screws, remove antenna lead and harnesses.
3. Remove the radio.

DIN MOUNT INSTALLATION

1. Insert DIN sleeve from your new radio into the opening of the installation kit.
2. Depress the tabs from the inside of sleeves to secure sleeves to the installation kit.



DASH KIT INSTALLATION:

2003-2006 CADILLAC ESCALADE
2003-2006 CHEVROLET AVALANCHE
2003-2006 CHEVROLET SILVERADO
2007 CHEVROLET SILVERADO (CLASSIC)
2003-2006 CHEVROLET SUBURBAN

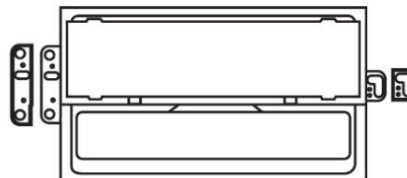
2003-2006 GMC SIERRA
2003-2006 GMC YUKON/DENALI/XL

DASH DISASSEMBLY INSTRUCTIONS

1. Place key into the ignition, turn the key to the "ON" position.
2. Shift into first gear.
3. Starting from the bottom, carefully pry the trim bezel from around the radio.
4. Remove 3 (three) bolts, remove antenna lead and harnesses.
5. Remove the radio.

DIN MOUNT INSTALLATION

1. Insert DIN sleeve from your new radio into the opening of the installation kit.
2. Depress the tabs from the inside of sleeves to secure sleeves to the installation kit.



2000-2005 CHEVROLET CAVALIER

2000-2005 PONTIAC SUNFIRE

DASH DISASSEMBLY INSTRUCTIONS

1. Open the glove box, and remove 5 (five) screws.
2. Remove side panels from both the driver and passenger side.
3. Remove 1 (one) screw from each side.
4. Remove 1 (one) screw from the top center of the air vent.
5. Remove the dash bezel.
6. Remove the 3 (three) screws holding the radio, remove antenna lead and harnesses.
7. Remove the radio.

DIN MOUNT INSTALLATION

1. Insert DIN sleeve from your new radio into the opening of the installation kit.
2. Depress the tabs from the inside of sleeves to secure sleeves to the installation kit.



2004-2006 CHEVROLET COLORADO
2004 CHEVROLET EXPRESS

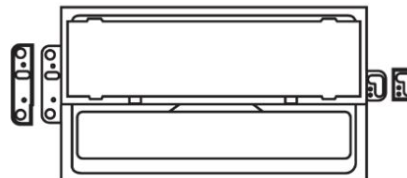
2004-2006 GMC CANYON
2003-2004 GMC SAVANA

DASH DISASSEMBLY INSTRUCTIONS

1. Starting from the bottom, carefully pry the trim bezel from around the radio.
2. Remove 3 (three) bolts, remove antenna lead and harnesses.
3. Remove the radio.

DIN MOUNT INSTALLATION

1. Insert DIN sleeve from your new radio into the opening of the installation kit.
2. Depress the tabs from the inside of sleeves to secure sleeves to the installation kit.



DASH KIT INSTALLATION:

2000-2005 CHEVROLET IMPALA

DASH DISASSEMBLY INSTRUCTIONS

1. Remove 2 (two) screws from above the dash board.
2. Remove the fuse panel plate and remove 1 (one) screw from the rear.
3. Remove passenger fuse plate and remove 1 (one) screw from the rear.
4. Using a panel removal tool, drop the underdash cover and remove 2 (two) screw from the rear.
5. Remove 1 (one) screw from the left side trim, tilt steering wheel column down, and pry off trim bezel.
6. Remove 3 (three) screws, remove antenna lead and harnesses.
7. Remove the radio.

DIN MOUNT INSTALLATION

1. Insert DIN sleeve from your new radio into the opening of the installation kit.
2. Depress the tabs from the inside of sleeves to secure sleeves to the installation kit.



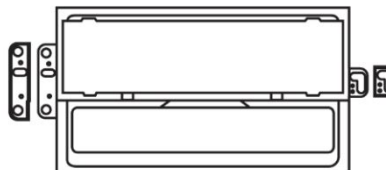
2000-2005 CHEVROLET MONTE CARLO

DASH DISASSEMBLY INSTRUCTIONS

1. Remove 1 (one) screw from the glove box.
2. Remove the ignition switch collar with a flat blade.
3. Remove 2 (two) screws from under the steering wheel column panel, and remove cover.
4. Remove fuse access plate and 2 (two) screw from the rear.
5. Tilt steering wheel column all the way down, and remove trim bezel.
6. Disconnect any harnesses and remove bezel.
7. Remove the radio.

DIN MOUNT INSTALLATION

1. Insert DIN sleeve from your new radio into the opening of the installation kit.
2. Depress the tabs from the inside of sleeves to secure sleeves to the installation kit.



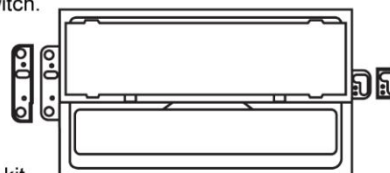
2002-2004 CHEVROLET S-10

DASH DISASSEMBLY INSTRUCTIONS

1. Place key into the ignition, turn the key to the "ON" position.
 2. Shift into first gear.
 3. Remove 1 (one) screw from above the dash panel.
 4. Remove 5 (five) screws from below the dash pane, and remove the pane.
 5. Remove 2 (two) screws from the bottom of the trim bezel, and pry out.
- NOTE: When removing the bezel, use extreme caution not to break the hazard switch.
6. Remove 3 (three) screw, remove antenna leads and harnesses.
 7. Remove the radio.

DIN MOUNT INSTALLATION

1. Insert DIN sleeve from your new radio into the opening of the installation kit.
2. Depress the tabs from the inside of sleeves to secure sleeves to the installation kit.



DASH KIT INSTALLATION:

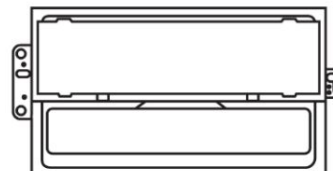
2003-2006 CHEVROLET SSR

DASH DISASSEMBLY INSTRUCTIONS

1. Remove the aluminum trim panel that separate the dash, using a panel removal tool.
 2. Remove 6 (six) screws from the radio dash panel.
 3. Remove the dash pulling outwards.
- NOTE: Use extreme caution when near passenger side air bag. Bend the sides of the passenger air bag cover to release the right side of the dash.
4. Remove 3 (three) screws, remove antenna lead and harnesses.
 5. Remove the radio.

DIN MOUNT INSTALLATION

1. Insert DIN sleeve from your new radio into the opening of the installation kit.
2. Depress the tabs from the inside of sleeves to secure sleeves to the installation kit.



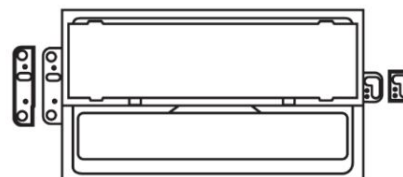
2003-2006 CHEVROLET TRAILBLAZER

DASH DISASSEMBLY INSTRUCTIONS

1. Remove 2 (two) screws from above the dash panel.
2. Remove 1 (one) screw from below the AC controls.
3. Remove 2 (two) screws from the lower dash panel above the brake panel.
4. Pry out bezel, disconnect harness and remove.
4. Remove 2 (two) screws, remove antenna lead and harnesses.
5. Remove the radio.

DIN MOUNT INSTALLATION

1. Insert DIN sleeve from your new radio into the opening of the installation kit.
2. Depress the tabs from the inside of sleeves to secure sleeves to the installation kit.



2000-2005 CHEVROLET VENTURE

2000-2004 OLDSMOBILE SILHOUETTE

2000-2006 PONTIAC MONTANA

DASH DISASSEMBLY INSTRUCTIONS

1. Remove ashtray and remove 2 (two) screws from the rear.
2. Starting from the bottom, carefully pry the trim bezel from around the radio.
4. Remove 3 (three) screws, remove antenna lead and harnesses.
5. Remove the radio.

DIN MOUNT INSTALLATION

1. Insert DIN sleeve from your new radio into the opening of the installation kit.
2. Depress the tabs from the inside of sleeves to secure sleeves to the installation kit.



DASH KIT INSTALLATION:

2004-2007 BUICK RAINIER

2002-2004 GMC ENVOY

2003-2008 ISUZU ASCENDER

DASH DISASSEMBLY INSTRUCTIONS

1. Remove 2 (two) screws from the front of the inside of the center console.
2. Remove the rubber pads, and remove the 4 (four) screws under there.
3. Remove the console insert.
4. Remove 2 (two) screws from the console cavity.
5. Remove rubber pad from the cup holder and remove 1 (one) screw from under there.
6. Remove 4 (four) screws from the sides of the carpeted panel under the radio and climate controls, pull down.
7. Pull the center console back, and down. Remove 2 (two) screws on the bottom of the trim bezel.
8. From the top, pry the bezel out, disconnect harness and remove.
9. Remove 3 (three) screws, remove antenna lead and harnesses.
10. Remove the radio.



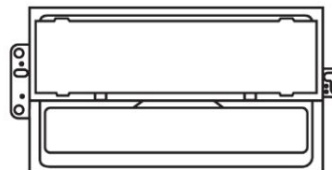
DIN MOUNT INSTALLATION

1. Insert DIN sleeve from your new radio into the opening of the installation kit.
 2. Depress the tabs from the inside of sleeves to secure sleeves to the installation kit.
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2003-2007 HUMMER H2

DASH DISASSEMBLY INSTRUCTIONS

1. Remove 4 (four) screws from center console lid hinge.
2. Remove Torx lock nut that holds the Shift lever, and slide shift lever off.
3. Pop up gear indicator plate with a panel removal tool.
4. Remove 2 (two) screws at the bottom of the trim bezel.
5. Remove 2 (two) screws from trim bezel.
6. Pry out trim bezel, disconnect harness and remove.
7. Remove 3 (three) screws, remove antenna lead and harnesses.
8. Remove the radio.



DIN MOUNT INSTALLATION

1. Insert DIN sleeve from your new radio into the opening of the installation kit.
 2. Depress the tabs from the inside of sleeves to secure sleeves to the installation kit.
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2002-2004 OLDSMOBILE BRAVADA

DASH DISASSEMBLY INSTRUCTIONS

1. Remove rubber covers in the arm rest.
2. Remove 6 (six) screws.
3. Shift gear into first, and pull console up.
4. Remove 2 (two) screws from bottom of center dash panel.
5. Pull center dash away.
6. Remove 3 (three) screws, remove antenna lead and harnesses.
7. Remove the radio.



DIN MOUNT INSTALLATION

1. Insert DIN sleeve from your new radio into the opening of the installation kit.
 2. Depress the tabs from the inside of sleeves to secure sleeves to the installation kit.
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VEHICLE APPLICATIONS:

YEARS	MAKE	MODEL	YEARS	MAKE	MODEL
2004-2005	BUICK	Century	2004-2011	GMC	Canyon
2005-2007	BUICK	LaCrosse	2002-2009	GMC	Envoy
2004-2007	BUICK	Rainier	2003-2007	GMC	Savana
2003-2007	BUICK	Rendezvous	2003-2006	GMC	Sierra
2005-2007	BUICK	Terraza	2007	GMC	Sierra Classic
2003-2006	CADILLAC	Escalade	2003-2006	GMC	Yukon
2003-2006	CHEVROLET	Avalanche	2003-2007	HUMMER	H2
2000-2005	CHEVROLET	Cavalier	2005-2010	HUMMER	H3
2004-2013	CHEVROLET	Colorado	2003-2008	ISUZU	Ascender
2005-2013	CHEVROLET	Corvette	2001-2004	OLDSMOBILE	Alero
2004-2007	CHEVROLET	Express Van	2002-2004	OLDSMOBILE	Bravada
2000-2005	CHEVROLET	Impala	2000-2004	OLDSMOBILE	Silhouette
2001-2003	CHEVROLET	Malibu	2001-2005	PONTIAC	Aztec
2000-2005	CHEVROLET	Monte Carlo	2001-2005	PONTIAC	Grand Am
2003-2004	CHEVROLET	S-10	2004-2008	PONTIAC	Grand Prix
2003-2006	CHEVROLET	Silverado	2000-2006	PONTIAC	Montana
2007	CHEVROLET	Silverado Classic	2000-2005	PONTIAC	Sunfire
2003-2006	CHEVROLET	SSR	2005-2008	SAAB	9-7X
2003-2006	CHEVROLET	Suburban	2005-2007	SATURN	Relay
2003-2006	CHEVROLET	Tahoe			
2002-2009	CHEVROLET	Trailblazer			
2005-2008	CHEVROLET	Uplander			
2003-2005	CHEVROLET	Venture			

STEERING WHEEL CONTROL BUTTON FUNCTIONS:

4 Button SWC

SWC BUTTON	SHORT PRESS	LONG PRESS
VOL +	Step Increment	Continuous VOL +
VOL -	Step Decrement	Continuous VOL -
AM/FM	Source	Pick Up Call
Preset	Activate VR	End Call

NOTES:

To Deactivate VR [on **Pioneer**, short press "PRESET"] [on **JVC** say "Cancel"]
 [on **Kenwood**, long press "PRESET"]

4 Button SWC - ALPINE

SWC BUTTON	SHORT PRESS	LONG PRESS
VOL +	Step Increment	Continuous VOL +
VOL -	Step Decrement	Continuous VOL -
Seek Up	Seek Up	N/A
Seek Down	Seek Down	N/A
Source Up	Pick Up Call	End Call
Source Down	Source	N/A
Prog	N/A	N/A
Voice	N/A	N/A

4 Button SWC - CLARION

SWC BUTTON	SHORT PRESS	LONG PRESS
VOL +	Step Increment	Continuous VOL +
VOL -	Step Decrement	Continuous VOL -
Seek Up	Preset Up	N/A
Seek Down	Preset Down	N/A
Source Up	Pick Up Call	End Call
Source Down	Source	N/A
Prog	Mute	N/A
Voice	Mute	N/A

4 Button SWC - JVC

SWC BUTTON	SHORT PRESS	LONG PRESS
VOL +	Step Increment	Continuous VOL +
VOL -	Step Decrement	Continuous VOL -
Seek Up	Seek Up	N/A
Seek Down	Seek Down	N/A
Source Up	Pick Up Call	End Call
Source Down	Source	N/A
Prog	Activate Voice Recognition	N/A
Voice	Activate Voice Recognition	N/A

NOTE:

To Deactivate VR, say "Cancel".

4 Button SWC - Kenwood

SWC BUTTON	SHORT PRESS	LONG PRESS
VOL +	Step Increment	Continuous VOL +
VOL -	Step Decrement	Continuous VOL -
Seek Up	Seek Up	Tune up
Seek Down	Seek Down	Tune Down
Source Up	Pick Up Call	End Call, Deactivate VR
Source Down	Source	N/A
Prog	Activate Voice Recognition	Deactivate VR
Voice	Activate Voice Recognition	N/A

4 Button SWC - Pioneer

SWC BUTTON	SHORT PRESS	LONG PRESS
VOL +	Step Increment	Continuous VOL +
VOL -	Step Decrement	Continuous VOL -
Seek Up	Preset Up	N/A
Seek Down	Preset Down	N/A
Source Up	Pick Up Call	End Call
Source Down	Source	N/A
Prog	Activate Voice Recognition	End Call, Deactivate VR
Voice	Activate Voice Recognition	Deactivate VR

STEERING WHEEL CONTROL BUTTON FUNCTIONS:

ANALOG SWC

BUICK - Century, LaCrosse, Rainier,
Rendezvous, Terraza

CHEVROLET - Corvette, Impala, Monte Carlo

OLDSMOBILE - Alero, Bravada, Silhouette

PONTIAC - Aztec, Grand AM, Grand Prix,
Montana, SUNfire

ALPINE

SWC BUTTON	SHORT PRESS	LONG PRESS
VOL +	Step Increment	Continuous VOL +
VOL -	Step Decrement	Continuous VOL -
Mode / Play	Source	N/A
Mute	Attenuation	N/A
Seek Up	Seek Up	N/A
Seek Down	Seek Down	N/A
Type Seek / Band	Pick up Call	N/A
Preset / 1-6	N/A	End Call

CLARION

SWC BUTTON	SHORT PRESS	LONG PRESS
VOL +	Step Increment	Continuous VOL +
VOL -	Step Decrement	Continuous VOL -
Mode / Play	Source	N/A
MUTE	Mute	N/A
Seek Up	Preset Up	N/A
Seek Down	Preset Down	N/A
Type Seek / Band	Pickup Call	End Call
Preset / 1-6	Activate Voice Recognition	N/A

JVC

SWC BUTTON	SHORT PRESS	LONG PRESS
VOL +	Step Increment	Continuous VOL +
VOL -	Step Decrement	Continuous VOL -
Mode / Play	Source	N/A
MUTE	Mute	N/A
Seek Up	Seek Up	N/A
Seek Down	Seek Down	N/A
Type Seek / Band	Pickup Call	End Call
Preset / 1-6	Activate Voice Recognition	N/A

NOTE:

To Deactivate VR, say "Cancel".

Kenwood

SWC BUTTON	SHORT PRESS	LONG PRESS
VOL +	Step Increment	Continuous VOL +
VOL -	Step Decrement	Continuous VOL -
Mode / Play	Source	N/A
MUTE	Mute	N/A
Seek Up	Preset Up	N/A
Seek Down	Preset Down	N/A
Type Seek / Band	Pickup Call	End Call, Deactivate VR
Preset / 1-6	Activate/Deactivate VR	N/A

Pioneer

SWC BUTTON	SHORT PRESS	LONG PRESS
VOL +	Step Increment	Continuous VOL +
VOL -	Step Decrement	Continuous VOL -
Mode / Play	Source	N/A
MUTE	Mute	N/A
Seek Up	Preset Up	N/A
Seek Down	Preset Down	N/A
Type Seek / Band	Pick Up Call	End Call
Preset / 1-6	Activate/Deactivate VR	N/A