

BMW CD43 USERS MANUAL



Thank you for purchasing your BMW CD43 radio from
www.12velectronics.com

This users manual explains the basic functions and care of your new radio. The radio has some self-explanatory screen displays and may not have every step required listed in this manual.

This manual is believed to be correct at the time of printing, however model variances and vehicle accessories installed may cause some discrepancies with this guide, therefore please use this for reference only and consult the vehicles owners manual and any other warnings that may exist. This radio is to be installed by a certified BMW technician. You agree to hold 12v Electronics and its related companies harmless from any legal claims resulting from installation of the radio and use of this users manual.

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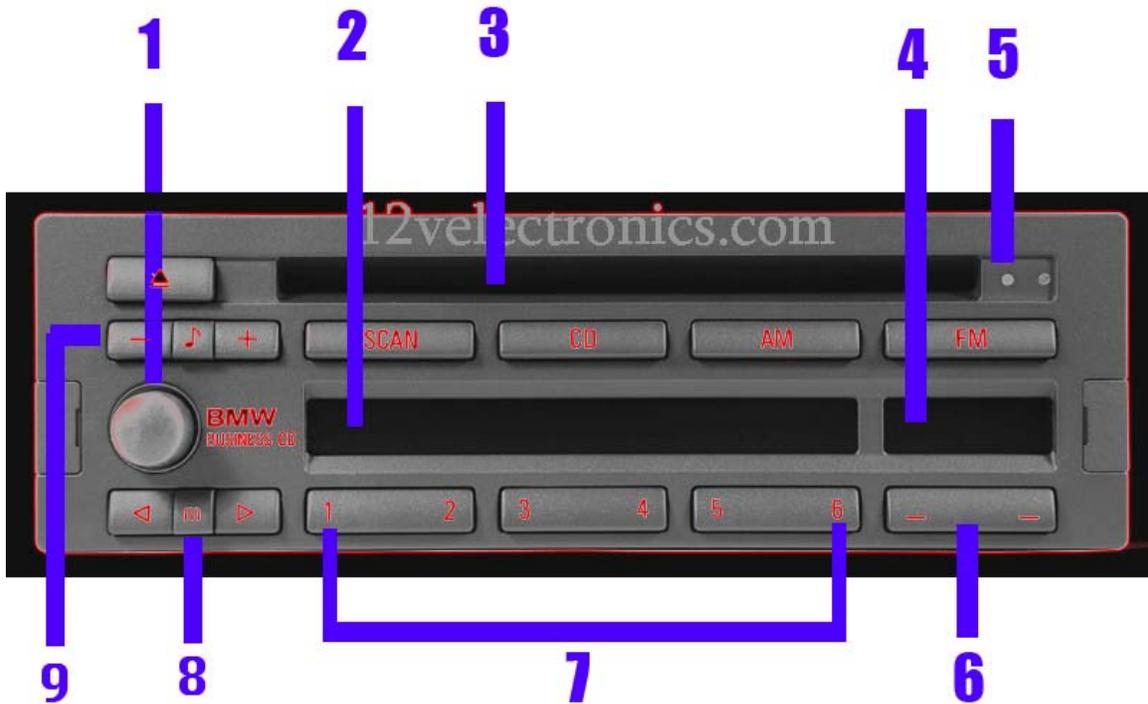


Figure 1

1. Power and volume adjustment. Push for power on/off and rotate for volume.
2. Display for frequency band, RDS station CD functions, and audio adjustments.
3. CD slot for internal deck
4. Display of variable key functions. The selections options change depending on the operating mode.
5. Indicator lamp for the anti-theft protection
6. Function key for the radio and CD modes
7. Radio presets and direct CD selection for CD changer operation. (optional)
8. Manual station selection / Track search (CD operation)
9. Audio adjustments (bass, treble, balance and fader)

Anti-Theft protection

The unit is protected by a code. For US operation please use the 5 digit code supplied on the code card. If the 4 digit Europe code is used the radio will not tune into stations properly. To use this unit in Europe, additional programming steps may be required.

Store the code card in a secure location outside of the vehicle. You may be required to re-enter the code after servicing your vehicle or when the battery is disconnected.

The LED (figure 1 #5) will flash when the ignition is switched off.

You can apply the security stickers to the vehicles door windows for additional theft protection.

Entering the code number:

When power is supplied to the unit the display should look like this:



Use the station preset keys 1-6 (figure 1 # 7) to enter the 5 digit code. For example, if the code is 63251, press 6 key followed by the 3,2,5 & 1 key.



When the entire code has been entered press:
8) to the right to confirm. (right arrow)

(figure 1

If the code is entered incorrectly more than 3 times, the unit will not allow another code to be entered. The display will show:



If this happens you must leave the vehicles ignition and radio on for 1 hour. After 1 hour you may re-enter the proper code.

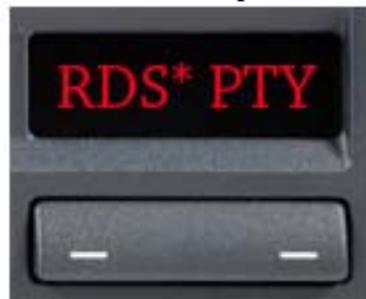


RADIO OPERATION

Each touch of the FM or the AM button will switch between the available bands and AUTOSTORE memory areas.

RDS Display:

RDS (Radio Broadcast Data System) allows display of station information on the radio. When RDS information is available it will allow you to access station information and program type (PTY). Note: Not all stations broadcast this data and RDS data is only possible under favorable reception conditions.



To activate RDS, press the left button under the RDS option. The radio program type will be displayed for a few seconds.



Station keys

There are 18 storage positions for FM stations and 12 for AM stations. These keys also function as a direct CD selection when this radio is used with the optional CD changer.

To program a station to a preset button, tune to the station and hold the preset button you would like to store the station for approx. 3 seconds. Repeat for other presets.



Station or Title search

These keys are used for radio tuning and CD search operation.

Radio Mode:

Each press of the search mode keys change increases or decreases the channel frequency.

CD Mode:

Each press of the search mode keys will fast-forward or rewind the current track of the CD.



The Scan function will search the available stations about every 10 seconds. Press to turn on the Scan on or off.



Random CD (shuffle) Mode

Press the left key to turn the random play mode on/off.



Use this button to switch the CD on and also switch between the CD player and the optional CD changer.

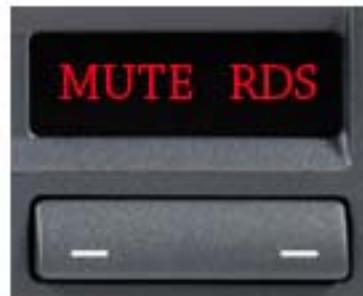


Audio adjustment

Pressing the center button selects the bass, treble balance and fader adjustments. The +, - buttons adjust the levels.



To reset all levels to center press the center button for more than 2 seconds. The display will show:



To mute the volume press the left key when this is in the display. To turn off the mute press the left key again.

Telephone operation

When a factory installed BMW telephone is connected to this radio the radio will automatically mute when a call is received or placed. The radio will display:



Care

For cleaning use a cloth very lightly moistened with water. The display will be damaged with use of any chemicals or cleaners. DO NOT USE PROTECTANTS LIKE ARMOR ALL™ OR OTHER BRANDS ON THE DISPLAY.

Connections

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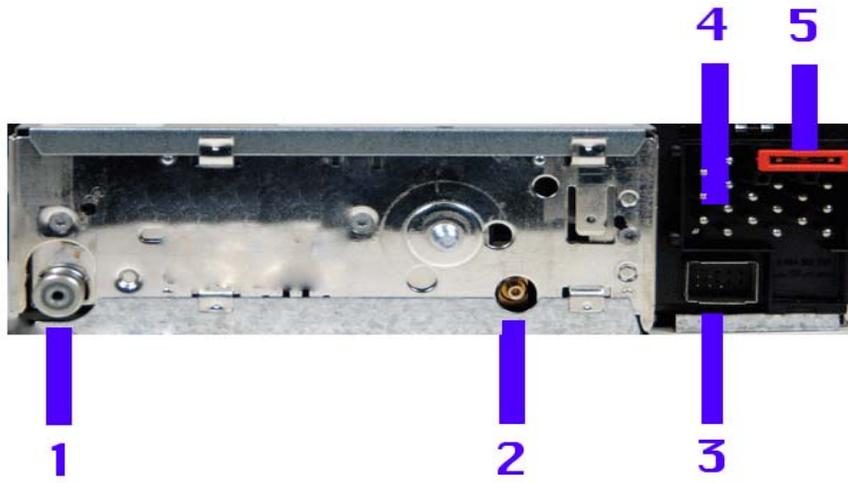


Figure 2

1. Main antenna connection
2. Diversity antenna connection
3. Connection for CD changer AI
4. Connector for:

Pin#

1. L/F+
2. R/F+
3. L/R+
4. Telephone mute
5. IGN+
6. R/R+
7. I-Bus
8. L/F-
9. +12v constant
10. VSS
11. R/F-
12. L/R-
13. ILL
14. R/R-
15. GND
16. REMOTE
17. N/A

5. 10 amp fuse

Troubleshooting

NO DISCS: CD changer magazine empty

NO MAGAZINE: No CD changer magazine present

CD CHECK: Reading CD's. Please wait until finished

HIGH TEMP: The operating temperature of the radio is too high. Once normal operating temperature is reached, play will resume automatically

CD: A CD has been inserted into the internal deck

NO DISC: There is no CD in the internal deck

CD ERROR: An error occurred while the CD was being read. Check CD for proper insertion and condition