DC426BT

INSTALLATION/OWNER'S MANUAL

AM/FM/CD Receiver with Bluetooth®

MP3

COMPACT disc DIGITAL AUDIO

WMA

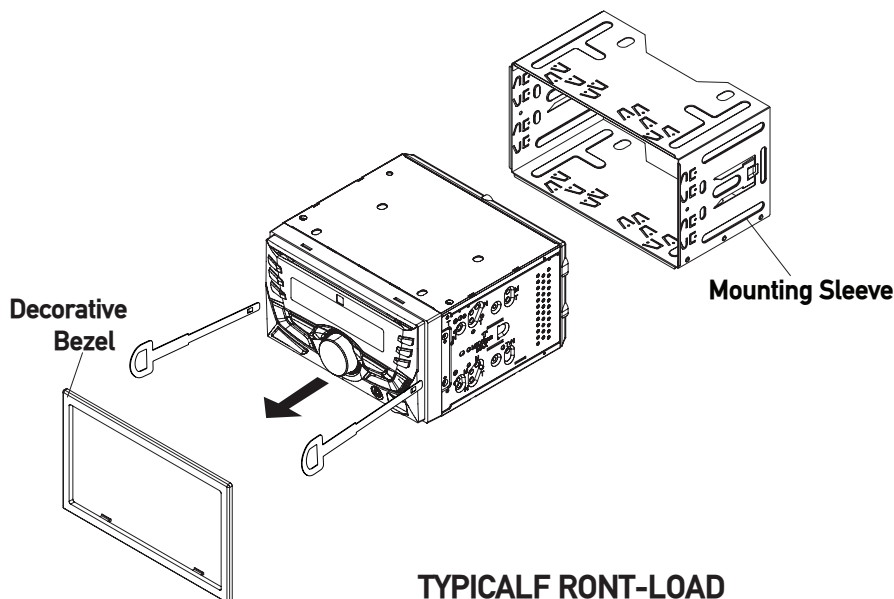AUX Front Input

Bluetooth®

USB

Dual®

Preparation

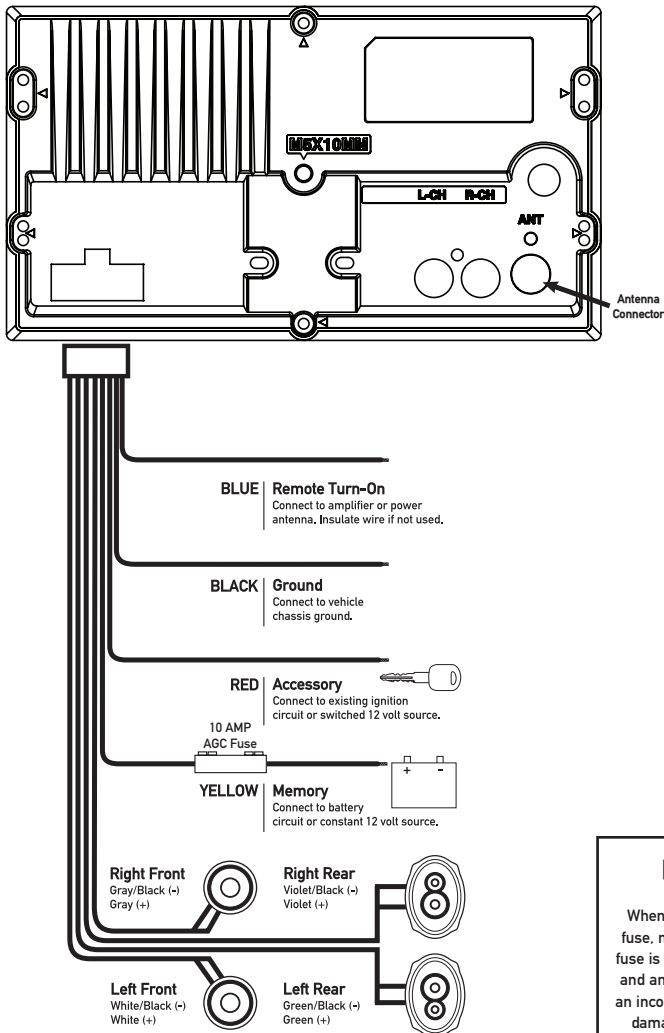Please read entire manual before installation.

Before You Start
• Disconnect negative battery terminal. Consult a qualified technician for instructions.
• Avoid installing the unit where it would be subject to high temperatures, such as from direct sunlight, or where it would be subject to dust, dirt or excessive vibration.

Getting Started
• Remove trim ring from unit.
• Remove 2 transit screws located on top of the unit.
• Insert the supplied keys into the slots as shown, and slide the unit out of the mounting sleeve.
• Install mounting sleeve into opening, bending tabs to secure.
• Connect wiring harness and antenna. Consult a qualified technician if you are unsure.
• Certain vehicles may require an installation kit and/or wiring harness adapter (sold separately).
• Test for correct operation and slide into mounting sleeve to secure.
• Snap trim ring into place.

Mounting Sleeve

Decorative Bezel

TYPICALF RONT-LOAD MOUNTING METHOD

Wiring Diagram

M5X10MM

L-CH   R-CH

ANT

Antenna Connector

BLUE | **Remote Turn-On**
Connect to amplifier or power antenna. Insulate wire if not used.

BLACK | **Ground**
Connect to vehicle chassis ground.

RED | **Accessory**
Connect to existing ignition circuit or switched 12 volt source.

10 AMP
AGC Fuse

YELLOW | **Memory**
Connect to battery circuit or constant 12 volt source.

+   −

Right Front
Gray/Black (−)
Gray (+)

Right Rear
Violet/Black (−)
Violet (+)

Left Front
White/Black (−)
White (+)

Left Rear
Green/Black (−)
Green (+)

FUSE

When replacing the fuse, make sure new fuse is the correct type and amperage. Using an incorrect fuse could damage the radio. The DC426BT uses one 10 amp AGC fuse located beside the wiring connector.
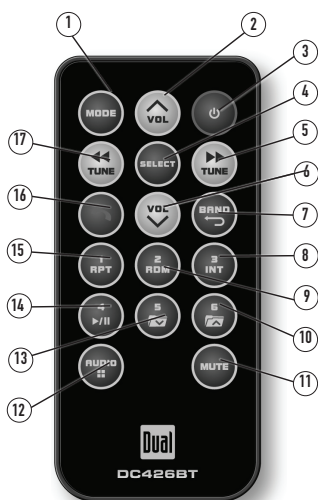
Control Locations - Receiver

1. Preset 1 / Repeat
2. Preset 2 / Random
3. Preset 3 / Intro
4. Power / Mute
5. Tune / Track Down
6. Tune / Track Up
7. Mode
8. Band / Go Back
9. Volume Knob

10. Bluetooth Talk
11. Auxiliary Input
12. Audio / Menu
13. USB Input
14. Display
15. Preset 6 / Folder up
16. Preset 7 / Folder down
17. Preset 4 / Play / Pause
18. Eject

1. Mode
2. Volume Up
3. Power
4. Select
5. Tune / Track Up
6. Volume Down
7. Band / Go Back
8. Preset 3 / Intro
9. Preset 2 / Random
10. Preset 6 / Folder Up
11. Mute
12. Audio / Menu
13. Preset 5 / Folder Down
14. Preset 4 / Play / Pause
15. Preset 1 / Repeat
16. Bluetooth Talk
17. Tune / Track Down

General Operation

Power On/Off	Press ⏻ or any other button (except **EJECT**) to turn the unit on. Press ⏻ to turn the unit off.
Mode	Press **MODE** to select between AM/FM, CD player, auxiliary front/rear, USB and Bluetooth. Modes of operation are shown in the display. **NOTE**: CD and USB modes will not appear unless a CD is inserted or USB device is connected.
Auxiliary Input	The DC426BT offers a 3.5 mm port on the front panel to connect audio device, MP3 player, etc. Press **MODE** to select AUX mode.
Volume	Adjust volume using volume knob (00-46).
Display	Press **DISP** to select between clock and different types of information, such as radio frequency, CD track/elapsed time or MP3/WMA song information.
Reset	Press **RESET** upon initial installation or if abnormal operation occurs. Reset button is located behind the front panel.
Set the Clock	With the unit on, press and hold **DISP** until the clock begins to flash, then release. Press **TUNE** ◄◄ to adjust the hours and **TUNE** ►► to adjust the minutes. Press **DISP** momentarily to save the selected time.
12/24-hour Clock	The clock will display 12-hour AM/PM time in USA frequency spacing mode (PM 10:00). In European frequency spacing mode, the clock will display 24-hour time (22:00).
Setup Menu	Press and hold **AUDIO/MENU** for more than 3 seconds to access the setup menu. Press **AUDIO/MENU** momentarily to select between the menu functions and rotate the **volume knob** left/right to adjust or activate the desired function.

General Operation - Setup Menu

Menu Function	Options	Action
Auto Station Store	AUTO STORE	Press **SELECT** to seek and save 6 strong stations in the current band. (**Tuner mode only**)
Local/Distance Tuning	LOCAL OFF	Activates distance tuning (**Tuner mode only**).
	LOCAL ON	Activates local tuning for strong station reception only (**Tuner mode only**).
Tuner Frequency Spacing	FREQ USA	Programs the unit to USA tuner spacing. (200kHz for FM and 10kHz for AM). (**Tuner mode only**)
	FREQ EURO	Programs the unit to European tuner spacing. (50kHz for FM and 9kHz for AM). (**Tuner mode only**)
Auxiliary Input	AUX ON	Enables the front panel 3.5mm auxiliary input.
	AUX OFF	Disables the front panel 3.5mm auxiliary input.
Beep Confirmation	BEEP OFF	Disables the confirmation beep.
	BEEP ON	Enables the confirmation beep.
Programmable Turn On Volume	PRO-VOL #	Programs unit to always turn on at a specific volume (default is OFF). Any volume level 1-30 can be selected.
Power on Message	MSG OFF	Disables power on message. (example: GOOD MORNING)
	MSG ON	Enables power on message to be displayed.
Scrolling Option	SCROLL 15 S	Programs unit to scroll information every 15 seconds (default).
	SCROLL ONCE	Programs unit to scroll once, then show the first 10 characters on display.
	SCROLL ON	Programs unit to scroll continuously.
	SCROLL OFF	Programs unit to show the first 10 characters on the display.
Demonstration Mode	DEMO OFF	Disables the demonstration mode.
	DEMO ON	Enables the demonstration message.
LED Color	LED AUTO	Programs unit to automatically rotate through all LED colors.
	BLUE	Programs unit to use blue LED display.
	GREEN	Programs unit to use green LED display.
	RED	Programs unit to use red LED display.
	YELLOW	Programs unit to use yellow LED display.
	PURPLE	Programs unit to use purple LED display.
	CYAN	Programs unit to use cyan LED display.
	WHITE	Programs unit to use white LED display.
	LED ADJ	**Press and rotate the volume knob to adjust each RGB color level. After adjustment, that color will appear on the LCD.**
Bluetooth	BT ON	Enables Bluetooth functionality.
	BT OFF	Disables Bluetooth functionality.
Auto Answer	ANSWER ON	Programs unit to automatically answer every incoming phone call after 2-3 rings.
	ANSWER OFF	Programs unit to require the 📞 button must be pressed to answer incoming phone calls.

General Operation

Audio	Press **AUDIO/MENU** momentarily to select between Bass, Treble, Balance, Fader, Subwoofer and Source Volume Level. → BASS → TREBLE → BALANCE → FADER → EQ → LOUD →SOURCE LEVEL
Bass	Press **AUDIO/MENU** until **BASS** appears then rotate volume knob left/right to adjust (-6 minimum / +6 maximum).
Treble	Press **AUDIO/MENU** until **TREBLE** appears then rotate volume knob left/right to adjust (-6 minimum / +6 maximum).
Balance	Press **AUDIO/MENU** until **BAL** appears then rotate volume knob left/right to adjust (BAL LEFT 12 - BAL RIGHT 12). BAL EVEN represents equal balance
Fader	Press **AUDIO/MENU** until **FADER** appears then rotate volume knob left/right to adjust (FADER FRONT 12 - FADER REAR 12). FADER EVEN represents equal fader
EQ	Press **EQ,** then turn the **volume knob** to cycle through the following equalization curves: FLAT (default), POP, JAZZ, CLASSIC, BEAT, ROCK and USER. Any manual adjustment to the Bass or Treble settings are automatically saved as USER.
Loudness	Press **AUDIO/MENU** until **LOUD** appears then rotate volume knob left/right to adjust LOUD ON/OFF.
Source Volume Level	The source volume level control allows a gain adjustment for each audio source: AM, FM, CD, AUX and USB. Set the source volume level for each mode, depending on the relative volume of each audio source. To set the source volume level, press **AUDIO/MENU** until SRC LEVEL appears. After one second, the current mode will appear on the display. Turn the volume knob to adjust the audio level of the current source (-3 minimum/+3 maximum). **Note:** Only the current mode will be available for adjustment. To adjust another mode of operation, press **MODE** until the desired mode is selected, then set the source volume level for that mode.

AM/FM Tuner Operation

Seek Tuning	Press **TUNE ◄◄** or **TUNE ►►** for more than one second to seek to the next strong station.
Manual Tuning	Press **TUNE ◄◄** or **TUNE ►►** momentarily to change radio frequency up or down one step at a time. Press and hold to advance quickly.
Band	Press **BAND** to select between FM1, FM2, FM3, AM1 and AM2 bands.
Storing and Recalling Station Presets	Up to 18 FM stations and 12 AM stations can be stored. To store a station, select the desired band and station. Press and hold the desired preset button (1-6) for more than 2 seconds. When stored, the preset number will appear in the display. The station can be recalled anytime by pressing the corresponding preset button.
Automatically Store Stations	Press and hold **AUDIO/MENU** for more than 3 seconds to find auto store in the display, then press the **volume knob** to automatically store strong 6 stations in the current band.

CD Player Operation

Insert CD	With the label facing up, insert a standard size CD into the CD slot. The CD will automatically begin playback.
Eject CD	Press **EJECT** to eject the CD. The unit will change to previous mode of operation. If the disc is not removed within 10 seconds, the unit will reload the disc. The unit does not have to be turned on to eject CD.
Track Select	Press **TRACK ►►** to skip to the beginning of the next track. Press **TRACK ◄◄** to return to the beginning of the current track. Pressing **TRACK ◄◄** again skips to the beginning of the previous track.
Fast Forward and Reverse	Press and hold **TRACK ►►** or **TRACK ◄◄** to fast forward or reverse a track.
Pause	Press **►/❚❚** to temporarily stop CD playback. Press **►/❚❚** again to resume playback.
Intro	Press **INT** to enter the Intro menu, then turn the volume knob to select one of the following options: • OFF - Cancels the **INT** function. • ALL - Plays the first 10 seconds of each track.
Repeat	Press **RPT** to enter the Repeat menu, then turn the volume knob to select one of the following options: • ALL - Plays all tracks on CD. • TRACK - Continuously repeats selected track.
Random	Press **RDM** to enter the Random menu, then turn the volume knob to select one of the following options: • OFF - Cancels the **RDM** function. • ALL- Plays all tracks in random order.
CD-R/CD-RW Compatibility	Some CD-Rs and CD-RWs may be incompatible with this unit, depending on media type and recording method. In addition, the following CDs may be incompatible with this unit: CDs exposed to extreme temperatures or direct sunlight for extended periods of time, CDs recorded in which a recording session failed or a re-recording was attempted and, or encrypted or copy-protected CDs which do not conform to the audio CD-DA red book recording standard.

CD Player Operation – MP3/WMA Files

Playing an MP3/WMA Disc

When an MP3/WMA encoded disc is first inserted, "DISC READ" will appear in the display. Depending on the number of files and folders, this may take several seconds.

Displaying Information

Press **DISP** to select between song title, artist, file name, folder name, track number, and clock/elapsed time.

"NO ARTIST" or "NO TITLE" will be displayed if the MP3/WMA file contains no ID3 tag information.

"ROOT" will be displayed if the directory name of a root folder is not labeled.

Title Icon [SONG]

This icon will illuminate when the song title is displayed.

Artist Icon [ARTIST]

This icon will illuminate when the artist name is displayed.

Folder Icon [FOLDER]

This icon will illuminate when the folder name is displayed.

File Icon [FILE]

This icon will illuminate when the file name is displayed.

Character Support

Maximum character display information
• Track name – 32 character maximum
• Directory name – 32 character maximum
• *Song title – 32 character maximum
• *Artist name – 32 character maximum

*Song title and Artist Name will only be displayed if included with the MP3/WMA file.

When referring to MP3/WMA playback, the following terms are synonymous:

• File name and track name
• Folder name and directory name

CD Player Operation - MP3/WMA Files

Folder/File Search Mode	MP3/WMA CD mode features a file and folder search mode. This search allows navigating through folders to find a specific MP3 or WMA file for playback.
Step 1	Press **SELECT** to enter the file/folder search mode. A list of all the folders on the CD will be displayed. **Note:** Any files located in the root directory will be located in the folder named "ROOT". Press **SELECT** to view the files on the root folder.
Step 2	Turn the **volume knob** to cycle through all the folders on the device and press **SELECT** to choose the desired folder. The list of files in the selected folder will be displayed. Turn the **volume knob** to cycle through the list of files. **Note:** Pressing **GO BACK** when viewing the contents of a folder will return to the list of folders on the CD. Press **GO BACK** again to exit the search menu.
Step 3	Once the desired song is displayed, press **SELECT** to begin playback of the desired song.
Folder Access	Press ⊠ to select the previous folder. Press ⊠ to select the next folder. *Folder access is only available on MP3/WMA discs recorded with more than one folder.
Repeat	Press **RPT** to enter the Repeat menu, then turn the **volume knob** to select one of the following options: • ALL - Plays all tracks on CD. • TRACK - Continuously repeats selected track. • FOLDER - Continuously repeats all files in selected folder.
Random	Press **RDM** to enter the Random menu, then turn the

CD Player Operation - MP3/WMA Files

Media Compatibility

The following types of discs/files are compatible:
- CD-ROM (ISO), CD-R, CD-RW
- CD-DA
- MP3 data
- WMA data

The following types of discs/files are not compatible:
- WMA files that are protected by DRM (Digital Rights Management).
- WMA lossless format
- Discs recorded with Track At Once or packet writing
- MP3 PRO format
- MP3 playlists
- WAV format

Playback Order

MP3/WMA playback sequence is based on recorded order of files and begins in the root folder of the disc. Any empty folders or folders that do not include MP3/WMA files are skipped. This unit may not play files in the order they were recorded in. Refer to your recording software's user's manual for more information.

Compatible Recording Formats

- ISO9660 level 1
- ISO9660 level 2
- Yellow Book MODE 1
- Yellow Book MODE 2 FORM 1
- Multi session
- Maximum files - 999
- Maximum folders - 255
- Maximum folder levels - 8
- MPEG-1/2/2.5 Audio Layer-3

ISO9660 standards:
- Maximum nested folder depth is 8 (including the root folder).
- Valid characters for folder/file names are letters A-Z (all caps), numbers 0-9, and "_" (underscore). Some characters may not be displayed correctly, depending on the character type.
- This device can play back discs in Joliet, Romeo, and other standards that conform to ISO9660. MP3/WMA written in the formats other than the above may not play and/or their file names or folder names may not be displayed properly.

CD Player Operation - MP3/WMA Files

Additional MP3/WMA Information

An internal buffer provides ESP (Electronic Skip Protection) to virtually eliminate skipping.

When playing a disc recorded with regular audio files (CD-DA or .WAV) and MP3/WMA files, the unit will play the MP3/WMA files only.

Only MP3 files with filename extension (.mp3) can be played. Only WMA files with filename extension (.wma) can be played.

Do not attempt to play discs which contain non-MP3/WMA files with the MP3/WMA extension.

Sampling Frequency Rates
MP3

8kHz ~ 48kHz

WMA

32kHz ~ 48kHz

Transfer Bit rates
MP3

32kbps ~ 320kbps constant
Variable bit rates

WMA

32kbps ~ 192kbps constant
Variable bit rates

Note: Some files may not play or be displayed correctly, depending on sampling rates and bit rates.

MP3 Tag Display

ID3 tags Version 1.0 to 2.4.
This model will not display ID3 Version 2.4 or greater tags.

Recommended Settings

For best results, use the following settings when burning an MP3 disc:
128kbps or higher constant bit rate
44.1kHz or higher sampling frequency

For best results, use the following settings when burning a WMA disc:
64kbps or higher constant bit rate
32kHz or higher sampling frequency

USB Operation

Connecting a USB Device (sold separately)	To play MP3/WMA files from most USB mass storage devices, line up the USB connector and insert the USB device into the DC426BT's USB port.
Playing Music	When a USB device is first connected, "USB READ" will appear in the display and playback will begin momentarily. Depending on the number of files and folders, it may take several seconds for the device to begin playing. If no valid MP3/WMA files are detected, "NO FILE" will be displayed and the last mode will be resumed.
Track Select	Press **TRACK** ▶▶ to skip to the beginning of the next track. Press **TRACK** ◀◀ to return to the beginning of the current track. Pressing **TRACK** ◀◀ again skips to the beginning of the previous track.
Fast Forward and Reverse	Press and hold **TRACK** ▶▶ or **TRACK** ◀◀ to fast forward or reverse a track.
Pause	Press ▶/❚❚ to temporarily stop USB playback. Press ▶/❚❚ again to resume playback.
File Search Step 1	Press **SELECT** to enter the file/folder search mode. A list of all the folders from the USB device will be displayed. **Note**: Any files located in the root directory will be located in the folder named "ROOT". Press **SELECT** to view the files on the root folder.
Step 2	Turn the **volume knob** to cycle through all the folders on the device and press **SELECT** to choose the desired folder. The list of files in the selected folder will be displayed. Turn the **volume knob** to cycle through the list of files. **Note:** Pressing **GO BACK** when viewing the contents of a folder will return to the list of folders on the USB device. Press **GO BACK** again to exit the search menu.
Step 3	Once the desired song is displayed, press **SELECT** to begin playback of the desired song. **Note:** Due to differences in USB device transfer speeds, it is recommended to limit each folder to less than 30 songs.

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USB Operation

Displaying Information

When a file is accessed, the clock and elapsed time will be displayed. Press **DISP** momentarily to select beween song title, artist, file name, folder name, track number and clock/ elapsed time.

"NO TITLE" will be displayed if no song title information is available.

"NO ARTIST" will be displayed if no artist information is available.

Song Title Icon TITLE

This icon will illuminate when the song title is displayed.

Artist Icon ARTIST

This icon will illuminate when the artist name is displayed.

Folder Icon FOLDER

This icon will illuminate when the folder name is displayed.

File Icon FILE

This icon will illuminate when the file name is displayed.

Folder Access

Press 🔽 to select the previous folder.
Press 🔼 to select the next folder.

Note: Folder access is only available on devices with more than one folder.

Repeat

Press **RPT** to enter the Repeat menu, then turn the **volume knob** to select one of the following options:
• ALL – Plays all tracks on the device.
• TRACK – Continuously repeats selected track.
• FOLDER – Continuously repeats all files in selected folder.

Random

Press **RDM** to enter the Random menu, then turn the **volume knob** to select one of the following options:
• OFF – Cancels the **RDM** function.
• ALL – Plays all tracks in random order.
• FOLDER – Plays all tracks in folder in random order.

Note: Random mode is retained in memory when selecting between other modes and when the unit is turned on/off.

Intro

Press **INT** to enter the Intro menu, then turn the **volume knob** to select one of the following options:
• OFF – Cancels the **INT** function.
• ALL – Plays first 10 seconds of each track.
• FOLDER – Plays first 10 seconds of each track in folder.

USB Operation

Character Support

Maximum character display information
• Track name – 32 character maximum
• Directory name – 32 character maximum
• *Song title – 32 character maximum
• *Artist name – 32 character maximum

*Song title and artist name will only be displayed if included with the MP3/WMA file.

Media Compatibility

The following types of files are compatible:
• MP3 data
• WMA data

The following types of files are not compatible:
• WMA files that are protected by DRM (Digital Rights Management).
• WMA lossless format
• MP3 PRO format
• MP3 playlists
• WAV format

Playback Order

MP3/WMA playback sequence is based on order the files are copied to the USB device and begins in the root folder. Any empty folders or folders that do not include MP3/WMA files are skipped. Depending on your software, the playback order may vary.

Playback Capacity

• Maximum number of files: 999
• Maximum number of folders: 255 plus the root directory
• Maximum number of files in each folder and root: 999

Note: If the number of files/folders exceeds the maximum outlined above, the additional files/folders will be ignored.

Note: Devices that exceed the maximum number of files or folders may not function properly.

USB Device Compatibility

Due to the differences of USB devices, some devices may not be compatible. USB devices must be 'mass storage class' and formatted to the FAT or FAT32 file system in order to ensure compatibility.

USB Operation

Additional MP3/WMA Information	Only MP3 files with filename extension (.mp3) can be played. Only WMA files with filename extension (.wma) can be played. Do not attempt to play non-MP3/WMA files with the MP3/WMA extension.
Sampling Frequency Rates **MP3**	8kHz ~ 48kHz
WMA	32kHz ~ 48kHz
Transfer Bit rates **MP3**	32kbps ~ 320kbps constant Variable bit rates
WMA	32kbps ~ 192kbps constant Variable bit rates
	Note: Some files may not play or be displayed correctly, depending on sampling rates and bit rates.
MP3 Tag Display	ID3 tags Version 1.0 to 2.4
	Note: If an invalid ID3 tag version is detected, "NO SUPPORT" will scroll on the display.

Bluetooth® Operation

Pairing a Device

Preparation	Before you can use a Bluetooth device, it must be paired and connected. Make sure that Bluetooth is activated on your device before you begin the pairing process.
Pairing a New Device	The DC426BT broadcasts the pairing signal constantly when no devices are currently connected. Complete the pairing sequence from your Bluetooth device. Refer to the owner's manual for your device for more details.

The device name is "DUAL BT" The Bluetooth passcode "1234"

Note: The DC426BT can be in any mode of operation when pairing is performed.

Pairing Additional Devices	If a device is currently connected, press and hold ☎ to disconnect the current device before a new device can be paired. Then begin the pairing sequence from the new Bluetooth device.

(Re)Connecting a Paired Device

Most Bluetooth devices support the auto-connect feature, and will connect automatically if the device is in range when the DC426BT is powered-on. If your device was previously paired but does not connect, use these instructions below. Some devices require authorization to allow the auto connect feature.

• If your most recently connected Bluetooth device becomes disconnected or does not reconnect, press ☎ from Bluetooth mode to reconnect your mobile device.

• To connect a previously paired device that was not recently connected:
   1) If applicable, press and hold ☎ to disconnect any connected mobile devices.
   2) From Bluetooth mode, press **SELECT**. "Paired Devices" will appear on the LCD.
   3) Turn the **volume knob** to cycle through the list of devices.
   4) Press **SELECT** or ☎ to connect to the desired device. It must be in range to connect.

Note: If the **Auto Connect** setup menu setting is set to **OFF**, you must press ☎ to connect you device after pairing, and each time the DC426BT is powered-on.

Disconnecting a Device

Press and hold ☎ for 3 seconds to disconnect a connected device. The device will remain paired and appear in the PAIRED DEVICES menu, but not be connected.

Bluetooth® Operation

Making a Phone Call

Manual Dialing
- Press ☎ once. "Enter Phone Number" will be shown, then an "_" will appear on the display.

- Using the remote control, enter the phone number using the 0-9 buttons. Press ☎ on the remote control or DC426BT front panel to begin dialing.

Note: Placing a phone call from your cell phone will also use the Bluetooth function of the DC426BT.

Recent Calls List
- Press **SELECT** from Bluetooth mode to view the 10 most recent phone calls that were dialed, received or missed while connected to the DC426BT.

- Turn the **volume knob** to cycle through the recent phone numbers. Press **SELECT** or ☎ to dial the phone number.

Redialing the last number
To redial the last phone number, press ☎ two times from Bluetooth mode. Press ☎ again to redial the phone number.

Receiving and Ending Phone Calls

Receiving a Phone Call
Incoming phone calls will automatically appear on the display and a ring tone will be heard.

Note: The volume of the ring tone depends on the volume level of the DC426BT. The incoming ring tone may not be heard if the volume is set to a low level or mute is activated.

- Press ☎ to receive the incoming phone call.
- Press ☎ to refuse the incoming phone call.

Note: If **Auto Answer** is set to **ON** in the setup menu, all phone calls will be received automatically.

Ending a Phone Call
During an active phone call, press ☎ to end a phone call. If the phone call was received when listening to music in another mode, the DC426BT will resume the previous mode.

Bluetooth® Operation

During a Phone Call

Volume

Turn the **volume knob** to adjust the volume level during a phone call. Bluetooth mode has a separate volume level from the main volume of other modes. The DC426BT will remember the volume level in Bluetooth mode and always return to the last volume level for each phone call.

Microphone Mute

Press **MUTE** during a phone call to turn the DC426BT's external microphone off. Press **MUTE** again to resume microphone operation.

Audio Transfer

Press **DISP** during a phone call to transfer the call from the DC426BT to the cell phone. Press **DISP** again to toggle the audio back to the DC426BT.

Call Waiting

During a phone call, if there is a second incoming call, press to place the first call on hold and switch to the second phone call. Press again to switch back to the first call.

Call Hold

During a phone call, when there are no additional incoming calls, press to place the call on hold. Press again to resume the phone call.

Note: Audio transfer, call waiting and call hold must be supported by the mobile phone and service provider to function properly.

Bluetooth Setup Menu Options

Function	Options	Action
Bluetooth	BT (ON/OFF)	Enables/disables Bluetooth functionality.
Auto Answer	ANSWER (MENU/AUTO)	When set to ON, every incoming phone call will automatically be answered after 2-3 rings. When set to OFF, the button must be pressed to answer incoming phone calls.

Bluetooth® Operation

Streaming Audio Operation

The DC426BT supports A2DP (advanced audio distribution profile) wireless streaming audio from your Bluetooth mobile device directly to your head unit. You can also control your music from the front panel of the head unit using AVRCP (audio video remote control profile).

Notes:
• To stream music to your head unit, your mobile device must support the A2DP and AVRCP Bluetooth profiles. Check the owner's manual of your mobile device for details.

• Streaming audio must be enabled from your mobile device. This option will vary depending on the device. Some devices allow streaming audio to be disabled.

After pairing, connecting and enabling streaming audio from a compatible mobile device, begin playing music using the music player on your mobile device. Once the music is playing, the following functions can be used to control the music:

  • The ►► button will skip to the next available audio track.
  • The ◄◄ button will skip to the previous audio track.
  • The ►/❚❚ button will toggle between play and pause during playback.
  • The ☎ button will stop the audio playback.

Note: Some Bluetooth devices may not fully support these commands.

Specifications

CD Player	Frequency response: **10Hz-20kHz** Channel separation @ 1kHz: **>65dB** D/A converter: **1 Bit**
FM Tuner	Tuning range: **87.5MHz-107.9MHz** Usable sensitivity: **8.5dBf** 50dB quieting sensitivity: **10dBf** Stereo separation @ 1kHz: **40dB** Frequency response: **30Hz-13kHz**
AM Tuner	Tuning range: **530kHz-1710kHz** Usable sensitivity: **22uV** Frequency response: **30Hz-2.2kHz**
General	Speaker output impedance: **4~8 ohms** Line output voltage: **2 Volts RMS** Dimensions: **2" x 7" x 7" (51 x 178 x 178 mm)**

Design and specifications subject to change without notice.

CEA-2006 Power Standard Specifications
(reference: 14.4VDC +/- 0.2V, 20Hz~20kHz)

Power Output: 14 Watts RMS x 4 channels at 4 ohms and $\leq$ 1% THD+N
Signal to Noise Ratio: 80dBA (reference: 1 watt into 4 ohms)

Troubleshooting

Problem	Cause	Action
Unit will not turn on (no power)	Yellow wire not connected or incorrect voltage Red wire not connected or incorrect voltage	Check connections for proper voltage (11~16VDC)
	Black wire not connected	Check connection to ground
	Fuse blown	Replace fuse
Unit has power (but no sound)	Speaker wires not connected	Check connections at speakers
	One or more speaker wires touching each other or touching chassis ground	Insulate all bare speaker wires from each other and chassis ground
Unit blows fuses	Yellow or red wire touching chassis ground	Check for pinched wire
	Speaker wires touching chassis ground	Check for pinched wire
	Incorrect fuse rating	Use fuse with correct rating
Excessive skipping	Unit is not mounted correctly or backstrap is not secure	Check mounting sleeve and backstrap support
	Physical defect in media (CD, CD-R or CD-RW)	Check media for scratches
ERROR 2 appears on display	Disc read error or disc is in upside down	Press eject or **RESET**
PROTECT appears on display	The WMA file is copy-protected by DRM (Digital Rights Management)	Write disc using WMA files that are not copy-protected
NO FILE appears on display	Selected file is not available in direct or alphanumeric search modes	Repeat search using valid parameters
Unit will not accept a disc	CD mechanism position out of alignment	Press and hold **EJECT** for 3 seconds to reset CD mechanism position
	CD transit screws still in place	Remove 2 transit screws located on top of the unit
NO SUPPORT appears on display	An invalid ID3 tag version is present	Version 1.0 to 2.4 ID3 tags are supported.
	An ID3 tag character is not supported	Only ASCII characters are supported.

Limited One Year Warranty

This warranty gives you specific legal rights. You may also have other rights which vary from state to state.

Dual Electronics Corp. warrants this product to the original purchaser to be free from defects in material and workmanship for a period of one year from the date of the original purchase.

Dual Electronics Corp. agrees, at our option, during the warranty period, to repair any defect in material or workmanship or to furnish an equal new, renewed or comparable product (whichever is deemed necessary) in exchange without charges, subject to verification of the defect or malfunction and proof of the date of purchase. Subsequent replacement products are warranted for the balance of the original warranty period.

Who is covered? This warranty is extended to the original retail purchaser for products purchased from an authorized Dual dealer and used in the U.S.A.

What is covered? This warranty covers all defects in material and workmanship in this product. The following are not covered: software, installation/removal costs, damage resulting from accident, misuse, abuse, neglect, product modification, improper installation, incorrect line voltage, unauthorized repair or failure to follow instructions supplied with the product, or damage occurring during return shipment of the product. Specific license conditions and copyright notices for the software can be found via www.dualav.com.

What to do?

1. Before you call for service, check the troubleshooting guide in your owner's manual. A slight adjustment of any custom controls may save you a service call.

2. If you require service during the warranty period, you must carefully pack the product (preferably in the original package) and ship it by prepaid transportation with a copy of the original receipt from the retailer to an authorized service center.

3. Please describe your problem in writing and include your name, a return UPS shipping address (P.O. Box not acceptable), and a daytime phone number with your shipment.

4. For more information and for the location of the nearest authorized service center please contact us by one of the following methods:

   • Call us toll-free at 1-866-382-5476
   • E-mail us at cs@dualav.com

Exclusion of Certain Damages: This warranty is exclusive and in lieu of any and all other warranties, expressed or implied, including without limitation the implied warranties of merchantability and fitness for a particular purpose and any obligation, liability, right, claim or remedy in contract or tort, whether or not arising from the company's negligence, actual or imputed. No person or representative is authorized to assume for the company any other liability in connection with the sale of this product. In no event shall the company be liable for indirect, incidental or consequential damages.

FCC Compliance

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) this device may not cause harmful interference, and

(2) this device must accept any interference received, including interference that may cause undesired operation.

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Dual

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Toll Free: 1-866-382-5476
9AM–5PM EST, Monday–Friday

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