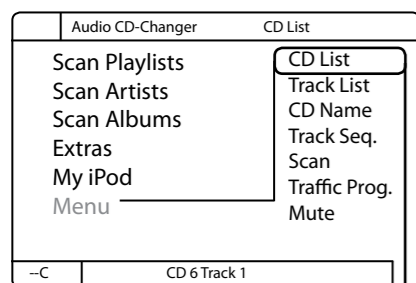# DENSION
Audio Systems

▶ Introduction

This user guide provides you with information on how to use a Dension AVR interface to control and play your iPod videos, DVDs and more on your compatible radio display and rear seat screens (if fitted).
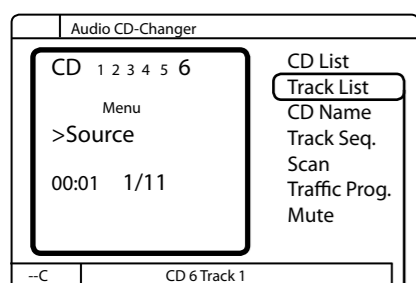
You will need to have a Dension Gateway 500 and AVR correctly installed in and configured for your vehicle. You will also need a screen capable of displaying video connected to your car radio and the radio must have TV tuner enabled. For installation questions please refer to the *Dension AVR installation guide*. For full compatibility information, please refer to www.dension.com/compatibility.
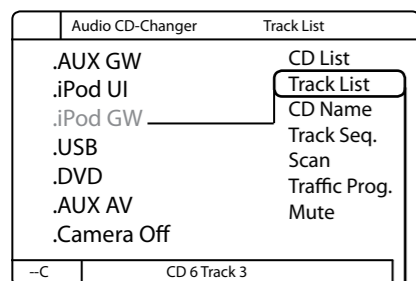
1 Porsche Cayenne PCM2

1. Switch on the radio, making sure **GW500** is active in **CD changer mode** (see *GW500 User Guide* for details) and that your external device (iPod, DVD player etc.) is connected

```
Audio CD-Changer      CD List
Scan Playlists     | CD List
Scan Artists       | Track List
Scan Albums        | CD Name
Extras             | Track Seq.
My iPod            | Scan
Menu               | Traffic Prog.
                   | Mute
--C      CD 6 Track 1
```

2. Press **Audio** button on your radio and select **CD List** item. Choose the disc 6, **Menu**

```
Audio CD-Changer
CD 1 2 3 4 5 6      | CD List
                   | Track List
      Menu         | CD Name
>Source            | Track Seq.
                   | Scan
00:01  1/11        | Traffic Prog.
                   | Mute
--C      CD 6 Track 1
```
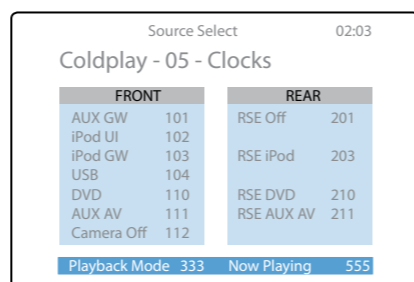
3. **Source** is the first folder. Press and hold down **>** to enter the source menu

```
Audio CD-Changer      Track List
.AUX GW            | CD List
.iPod UI           | Track List
.iPod GW           | CD Name
.USB               | Track Seq.
.DVD               | Scan
.AUX AV            | Traffic Prog.
.Camera Off        | Mute
--C      CD 6 Track 3
```
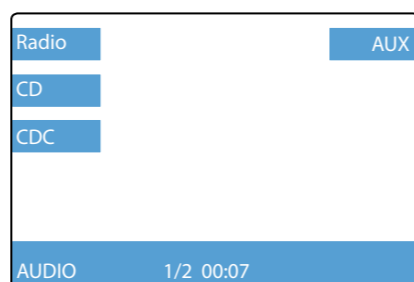
4. Use the selection knob to highlight **Track list**. Push down on the knob to select and view a full list of sources

5. Now select the correct source (see Section 4 for descriptions) and press and hold **>** to select

```
Audio CD-Changer      Track List
>Source            | CD List
>Videos            | Track List
>Playlists         | CD Name
>Artists           | Track Seq.
>Albums            | Scan
>Songs             | Traffic Prog.
>Podcasts          | Mute
--C      CD 6 Track 2
```

```
Audio CD-Changer
CD 1 2 3 4 5 6     | CD List
                   | Track List
      Menu         | CD Name
movie1.mp4         | Track Seq.
4                  | Scan
00:02   1/1        | Traffic Prog.
                   | Mute
Track Seq._ _ _ _ _Rept. CD
--C      CD 6 Track 4
```

```
Source Select                02:03
Coldplay - 05 - Clocks
-------------------------------------
   FRONT          |    REAR
AUX GW     101   | RSE Off     201
iPod UI    102   |
iPod GW    103   | RSE iPod    203
USB        104   |
DVD        110   | RSE DVD     210
AUX AV     111   | RSE AUX AV  211
Camera Off 112   |
-------------------------------------
Playback Mode  333 | Now Playing  555
```

2 Mercedes Command

1. Switch on the radio, making sure **GW500** is active in **CD changer mode** (see *GW500 User Guide* for details) and that your external device (iPod, DVD player etc.) is connected

```
Radio                       AUX
CD
CDC
AUDIO      1/2  00:07
```

2. Press **Audio** button then choose **CDC** on your radio. Select **Disc 6** to enter **Menu** by pressing button 6.

• When playing **iPod videos**, choose disc 6 **Menu** again, then highlight and select **Track list** with the selection knob to see the **iPod menu**. Use the selection knob to select **Videos,** then the folder you would like to choose a video from. To open folders or select the video file you would like to play press and hold **>**. To jump back one level, press and hold **<**

• For **DVD**, or any other device attached to the Aux input (for example, a gaming console), use the player or console's controls or remote control (if applicable) to play the DVD

• **Reverse Camera** can only be viewed on the front screen.

6. If viewing video on front screen, now press the **AV button** to see the music video or movie on screen. If you have chosen to view video on rear screens, they should play automatically.
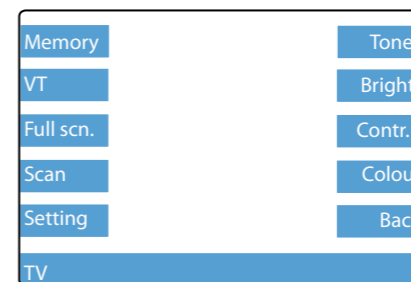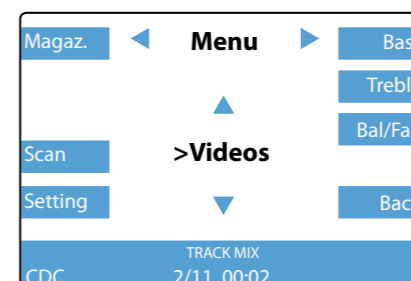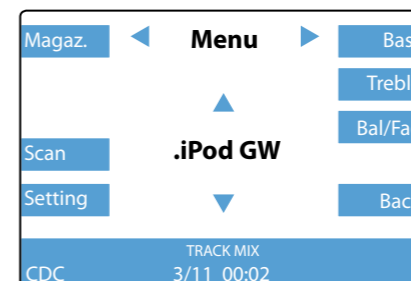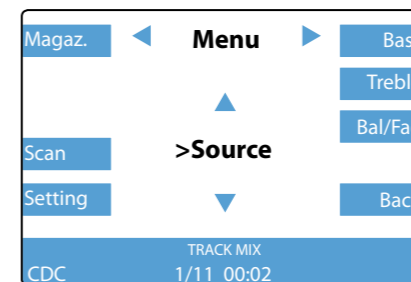
Selecting video sources using Teletext:

Teletext will allow you to select video sources for front and rear screens using a Teletext menu similar to that on your home TV.

1. Now you have video playing, press the **Info** button on your radio

2. Choose **Videotext** option with selection knob

3. Select **your source** by keying in the Teletext code **(Note: To access Repeat, Random, Scan and PlayAll, use 333)**

```
Magaz.  ◄   Menu   ►   Bass
                       Treble
             ▲         Bal/Fad
Scan      >Source
Setting      ▼         Back

         TRACK MIX
CDC      1/11  00:02
```

```
Magaz.  ◄   Menu   ►   Bass
                       Treble
             ▲         Bal/Fad
Scan       .iPod GW
Setting      ▼         Back

         TRACK MIX
CDC      3/11  00:02
```

```
Magaz.  ◄   Menu   ►   Bass
                       Treble
             ▲         Bal/Fad
Scan       >Videos
Setting      ▼         Back

         TRACK MIX
CDC      2/11  00:02
```

```
TV                          AV 1
                            AV 2


VIDEO
```

```
Memory                      Tone
VT                          Bright.
Full scn.                   Contr.
Scan                        Colour
Setting                     Back
TV
```

3. Use the **<<** and **>>** buttons to select **Source**, then pressing and holding down **>>** to enter the menu

4. Use the **<<** and **>>** buttons to select the correct source (see Section 4 for descriptions) and press and hold down **>>** to select

• When playing **iPod videos**, enter **Menu** again by choosing **Disc 6.** Use the **<<** and **>>** buttons to select the folder **Videos,** then the folder you would like to choose a video from. To open folders or select the video file you would like to play press and hold **>>**. To jump back one level, press and hold **<<**

• For **DVD**, or any other device attached to the Aux input (for example, a gaming console), use the player or console's controls or remote control (if applicable) to play the DVD
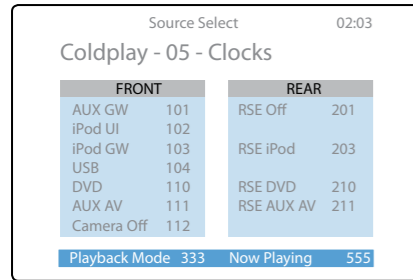
• **Reverse Camera** can only be viewed on the front screen

5. If you have chosen to view video on the front screen you will need to press the **Video** button and then select **TV.** If you have chosen to view video on rear screens, they should play automatically.

Selecting video sources using Teletext:

Teletext will allow you to select video sources for front and rear screens using a Teletext menu similar to that on your home TV.

1. Now you have video playing, press any of the inner screen buttons on the Command unit and select **VT**
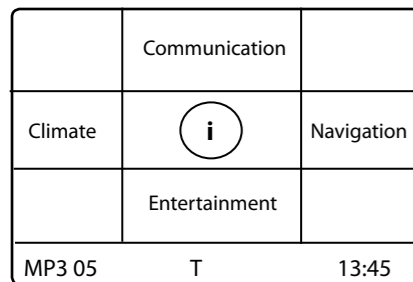
▶ **Need more help? Please visit www.dension.com/support**

▶ **Need more help? Please visit www.dension.com/support**

▶ **Need more help? Please visit www.dension.com/support**

```
Source Select                    02:03
Coldplay - 05 - Clocks
       FRONT                REAR
AUX GW      101      RSE Off       201
iPod UI     102
iPod GW     103      RSE iPod      203
USB         104
DVD         110      RSE DVD       210
AUX AV      111      RSE AUX AV    211
Camera Off  112

Playback Mode  333   Now Playing   555
```

2. Select **your source** by keying in the Teletext code **(Note: To access Repeat, Random, Scan and PlayAll**, use 333)
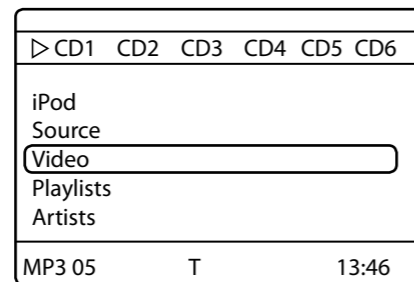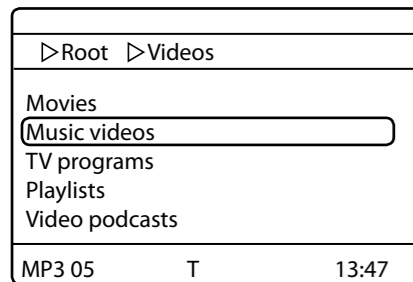
3   BMW iDrive CCC

1. Switch on the radio, making sure **GW500** is active in **CD changer mode** (see *GW500 User Guide* for details) and that your external device (iPod, DVD player etc.) is connected
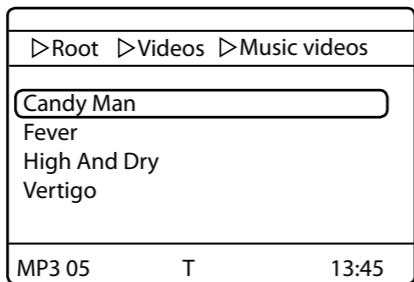
```
            Communication

Climate          i          Navigation

            Entertainment

MP3 05        T              13:45
```

```
▷ CD1  CD2  CD3  CD4  CD5  CD6

iPod
Source
Video
Playlists
Artists

MP3 05        T              13:46
```

2. Press the **Menu** button on your iDrive and select **Entertainment** from the main menu
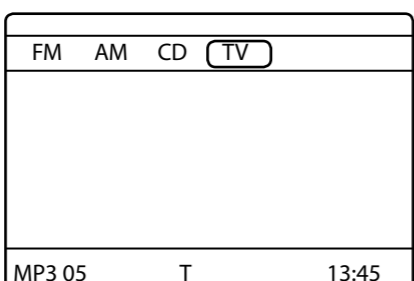
3. Now select **CD.** Choose the Video folder

```
▷ Root  ▷ Videos

Movies
Music videos
TV programs
Playlists
Video podcasts

MP3 05        T              13:47
```

```
▷ Root  ▷ Videos  ▷ Music videos

Candy Man
Fever
High And Dry
Vertigo

MP3 05        T              13:45
```

4. You are now in the Video menu. Select the category you want to play

5. Select your video

```
▷ Root  ▷ Videos  ▷ Music videos

TP
Tone
Play
Scan directory

MP3 05        T              13:45
```

```
FM    AM    CD    TV




MP3 05        T              13:45
```
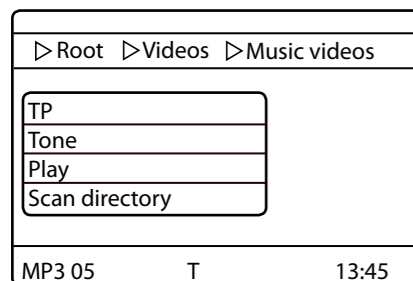
6. On some cars you will be asked to confirm Play. Confirm to start playing the video

7. To view video, select the TV source from iDrive menu

The following menu items will be available when you access the Source menu.:

Source	Teletext code	Description
Aux GW	101	Auxiliary Audio source on Gateway (see GW500 manual)
iPod UI	102	Allows limited control of iPod Video and Audio playback with the radio controls and full control with iPod click wheel
iPod GW	103	Allows you to control iPod Video and Audio playback with the radio controls only
USB	104	Enables USB Audio playback (see GW500 manual)
DVD	110	Enables DVD Video and Audio playback
Aux AV	111	Enables Auxiliary Video and Audio playback
Reverse Camera	112	Enables/disables rear view Camera (front screen only)
RSE iPod*	203	Enables iPod Video and Audio to rear screens
RSE DVD*	210	Enables DVD Video and Audio to rear screens
RSE Aux AV*	211	Enables Auxiliary Video and Audio to rear screens

AVR supports video playback on all current video capable iPods (iPod 5G Video, iPod Classic, iPod Nano 3G, iPod Nano 4G, iPod Touch, iPod Touch 2G, iPhone, iPhone 3G)

*In order to watch video on the RSE screens and listen to your car radio tuner in the same time, after starting the video file in the browser of CD Changer mode, switch on the TV tuner mode on the head unit, and then turn to radio source.

Disclaimer
If your car's electrical system begins to behave erratically, please disconnect your Dension Gateway interface immediately and have it checked by your installer. Dension and its authorised distributers and retailers are not liable for any incidental consequential or indirect damages and do not assume liabiliy for any diagnostic fees.

The use of handheld devices while driving may be subject to government legislation. Please ensure that your use of the Dension Gateway complies with applicable traffic laws. Dension does not assume liability for any events resulting from the illegal or irresponsible use of handheld devices while driving.

Warranty
The Dension Gateway interface carries a one-year limited warranty that protects you from defects in material and workmanship of products sold by Dension or its authorised distributers and retailers. Dension does not warrant any installation work or assume liability for any damage caused due to negligence, improper installation or operation. For warranty claims, proof of purchase is required.

DENSION
Audio Systems

AVR

User Guide