

Standard Radio, Standard Radio with CD, Premium Radio (EU), Premium Radio without CD (U.S.) and Premium Radio for North America



OPERATOR'S MANUAL Standard Radio and Premium Radio OMAL212736 ISSUE G7 (ENGLISH)

CALIFORNIA Proposition 65 Warning

Diesel engine exhaust and some of its constituents are known to the State of California to cause cancer, birth defects, and other reproductive harm.

If this product contains a gasoline engine:

⚠ WARNING

The engine exhaust from this product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

The State of California requires the above two warnings.

Additional Proposition 65 Warnings can be found in this manual.

John Deere GmbH & Co. KG
John Deere Werk Mannheim

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Introduction

Foreword

READ THIS MANUAL carefully to learn how to operate the radio system correctly. This Operator's Manual may be available in other languages (contact your John Deere dealer for ordering).

THIS MANUAL SHOULD BE CONSIDERED a permanent part of your machine and should remain with the machine when you sell it.

RECORD THE PRODUCT IDENTIFICATION NUMBER (P.I.N.) in the space provided in the Specification section. Please record all numbers exactly. In the event of theft, this number may prove vital in tracing your property. Therefore, it is recommended to also record this number elsewhere.

OULXBER,0002972 -19-09FEB16-1/1

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Original Instructions. All information, illustrations and specifications in this manual are based on the latest information available at the time of publication. The right is reserved to make changes at any time without notice.

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Identification Views and Features

Identification Views



Standard Radio



Standard Radio with CD



Premium Radio (EU)

Main features:	Radio	Connection of external devices	CD	CD, MP3/WMA	USB	Bluetooth®	SAT Radio
Standard Radio	X	X					
Standard Radio with CD	X	X	X	X			
Premium Radio (EU)	X	X	X	X	X	X	

Note: Pictures are shown of the “Second Edition” radios with light-colored text on dark background. Radios of the “First Edition” have a different display with dark text on a light background.

Continued on next page

OULXBER,00029BA -19-10FEB16-1/2

LX272576 —UN—09FEB16

LX272570 —UN—09FEB16

LX272572 —UN—09FEB16



Premium Radio without CD (U.S.)



Premium Radio for North America

Main features:	Radio	Connection of external devices	CD	CD, MP3/WMA	USB	Bluetooth®	SAT Radio
Premium Radio without CD (U.S.)	X					X	XM-ready
Premium Radio for North America	X	X	X	X	X	X	X

Note: Pictures are shown of the "Second Edition" radios with light-colored text on dark background. Radios of the "First Edition" have a different display with dark text on a light background.

OULXBER,00029BA -19-10FEB16-2/2

LX272573 —UN—09FEB16

LX272571 —UN—09FEB16

Safety and General Information

Important Notes

Operator's Manual: Read this Operator's Manual carefully and familiarize yourself with the radio before operating the radio. Keep this Operator's Manual in the vehicle for later reference.

Installation note: Radios with CAN connection are linked with the on-board electronics of the vehicle in which they

are installed. Such a radio must be enabled by a John Deere dealer before it can be used in another vehicle. Otherwise, it will not operate.

Radio frequencies (tuner band): When a radio is field-installed, the dealer must ensure that the receiver is matched to the regionally receivable frequency band. Otherwise some radio stations and services cannot be received.

OULXBER,00029BB -19-09FEB16-1/1

Intended Use

The Radio is designed for operation in a utility vehicle with a 12-volt on-board system voltage and installation in a 1-DIN slot.

OULXBER,00029BC -19-09FEB16-1/1

Road Safety

 **CAUTION:** Road safety has top priority. Operate the radio system only if traffic condition and driving situation allow you to do so. Familiarize yourself with the radio before driving the vehicle. Select an appropriate volume when driving.

 **CAUTION:** Do not become distracted by the radio when working. Turn the radio off when procedures require full attention.

 **CAUTION:** Adjust the volume of the radio correctly to be able to hear acoustic warning signals of police fire department and ambulance on time.

 **CAUTION:** It may result in hearing damage if the radio volume is set too loud.

OULXBER,00029BD -19-09FEB16-1/1

Disposal

Do not dispose of your old radio system in the household trash!

Use the return and collection systems available to dispose of the old radio system.

OULXBER,00029BE -19-09FEB16-1/1

Basic Setting for Radio Reception

IMPORTANT: The radio receiver must be tuned to country-specific wave bands (tuner bands). Unless the wave bands (tuner bands) are set correctly, it may not be possible to receive any radio stations.

Generally, the radio is already correctly set on delivery. In rare cases, however, it may be necessary to reset it. See "Setting the Radio Receiver" in Section 15, "Radio Operation".

OULXBER,00029BF -19-09FEB16-1/1

General Operation

Controls and Instruments - Radio Without CD



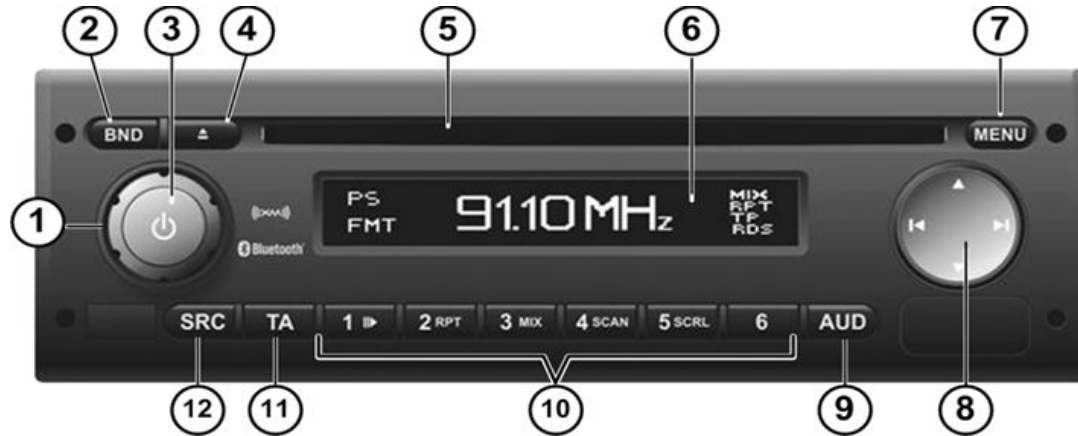
LX272574—UN—09FEB16

Location	Designation	Function
1	Volume Control	
2	BND	Press briefly to select memory level or wave band
3	On/Off key	Press and hold to start the Travelstore function Press briefly to switch the radio on Press briefly during operation to mute the radio Press and hold to switch the radio off
4	Display	Change the display
5	Menu	Calling up the menus for the basic settings
6	Multi-function rocker switch	Navigate within the display and switch functions
7	AUD key	Press briefly to open audio menu to set bass, mid-range, and treble tone controls, balance, fade* and loudness Press and hold to restore factory sound settings (treble and bass for the currently used audio source only)
8	1 - 6 key block	Station keys
9a	TA key	Standard radio (Global Version): Switch back from user and audio menus to current source. Exit the radio scan functions. Switch the priority for traffic announcements on/off. Cancel a traffic announcement while in process (Europe only).
9b	Bluetooth® key	Premium radio without CD (U.S. only): Turn Bluetooth® function on or off
10	SRC Key	Source selection between radio and AUX

*Fade is only possible if front as well as rear loudspeakers are connected.

OULXBER,00029C0 -19-11FEB16-1/1

Controls and Instruments - Radio with CD



Location	Designation	Function
1	Volume Control	
2	BND	Press briefly to select memory level or wave band Press and hold to start the Travelstore function
3	On/Off key	Press briefly to switch the radio on Press briefly during operation to mute the radio Press and hold to switch the radio off
4	CD Eject key	
5	CD Slot	
6	Display	Change the display
7	Menu	Calling up the menus for the basic settings
8	Multi-function rocker switch	Navigate within the display and switch functions
9	AUD key	Press briefly to open audio menu to set bass, mid-range, and treble tone controls, balance, fade* and loudness Press and hold to restore factory sound settings (treble and bass for the currently used audio source only)
10	1 - 6 key block	Station keys
11	TA key	Switch back from user and audio menus to current source. Exit the radio scan functions. Switch the priority for traffic announcements on/off. Cancel a traffic announcement while in process (Europe only).
12	SRC Key	Source selection between radio and AUX (depending on model also CD, USB, and XM) provided that a medium is inserted or connected and turned on.

*Fade is only possible if front as well as rear loudspeakers are connected.

OULXBER,00029C1 -19-10FEB16-1/1

Turn Radio On/Off

There are several possibilities to turn the radio on or off.

Turn on/off using the on/off key

Turn on	Press the on/off key
Turn off	Press and hold the on/off key for more than 2 seconds

Turn on/off using the ignition

Turn on (ignition on)	The radio is turned off automatically when the ignition is turned off. In this case, the radio is also turned on automatically when the ignition is turned on again.
Turn off (ignition off)	

NOTE: The radio can be turned on using the on/off key even when the ignition is off. The radio is then turned off automatically after a preset time to preserve the vehicle battery (see Adjust Turn-Off Time in this section).

Adjust Turn-Off Time (HOUR)

1. Press the **MENU** key to open the menu.
2. Press the **MENU** key several times until **HOUR** and the current time setting is displayed.
3. Turn the volume control counterclockwise or clockwise to adjust the turn-off time from 1 to 60 minutes.
4. Press the **MENU** key several times to exit the menu.

OULXBER,00029C2 -19-09FEB16-1/1

Adjusting Brightness of the Radio Illumination (ILLUM)

NOTE: This setting will be used when vehicle automatic brightness adjustment is not available.

Due to the back lighting changes, the ILLUM menu is always available and is used when the CAN bus is not active, for example when the radio is turned on in hour mode.

In case the brightness is not adapted to the instrument lights automatically, this setting can be done manually on the ILLUM menu. To do so, proceed as follows:

1. Press the **MENU** key to open the menu.
2. Press the **MENU** key several times until **ILLUM** and the current setting is displayed.
3. Turn the volume control counterclockwise or clockwise to adjust the brightness from -5 (min.) to +5 (max.).
4. Press the **MENU** key several times to exit the menu.

OULXBER,00029C3 -19-10FEB16-1/1

Adjust Volume

The volume can be gradually adjusted from 0 (off) to 32 (max.).

Adjust Volume

Raise volume	Turn the volume control clockwise
Lower volume	Turn the volume control counterclockwise

NOTE: The radio will not power up with the volume at 0, even if it was powered down with the volume at 0.

OULXBER,00029C4 -19-10FEB16-1/1

Muting the Radio (MUTE)

Briefly pressing the on/off key (3) will mute the radio. The audio output is then fully inhibited. Pressing the on/off key again will return the audio output to the last volume setting.

Muting the radio

Activating the muting function (sound off)	Briefly press the on/off key
Deactivating the muting function (sound on)	Briefly press the on/off key again or turn the volume control either counterclockwise or clockwise

NOTE: The muting function is canceled if the vehicle is restarted. Also if the radio is turned off and back on, even without restarting the vehicle.

OULXBER,00029C5 -19-10FEB16-1/1

Turn Confirmation Beep On/Off (BEEP)

After certain actions (e.g. pressing and holding a key) a confirmation beep sounds. This confirmation beep can be turned off.

1. Press the **MENU** key to open the menu.

2. Press the **MENU** key several times until **BEEP** and the current setting **ON** or **OFF** is displayed.
3. Turn the volume control counterclockwise or clockwise to change from ON to OFF or vice versa.
4. Press the **MENU** key several times to exit the menu.

OULXBER,00029C6 -19-09FEB16-1/1

Adjust Maximum Volume at Power-On (ONVOL)

The maximum volume when turning on the radio system can be adjusted in the **ONVOL** menu. Basically, the last selected volume is used at power-on unless it is above the setting for the maximum volume at power-on. In this case, the maximum volume setting is used.

NOTE: The maximum volume at power-on can be adjusted from 5 to 25.

1. Press the **MENU** key to open the menu.
2. Press the **MENU** key several times until **ONVOL** and the current setting is displayed.
3. Turn the volume control counterclockwise or clockwise to adjust the maximum volume at power-on from 5 to 25.
4. Press the **MENU** key several times to exit the menu.

OULXBER,00029C7 -19-09FEB16-1/1

Adjust Sound

Adjust bass (BASS) and treble (TREB)

1. Press the **AUD** key to open the menu for the sound settings.
2. Press the **AUD** key several times until **BASS** or **TREB** and the current setting is displayed.
3. Turn the volume control counterclockwise or clockwise to adjust the value from +7 to -7.
4. Press the **AUD** key several times to exit the menu.

Adjust middle (MID)

1. Press the **AUD** key to open the menu for the sound settings.
2. Press the **AUD** key several times until **MID** and the current setting is displayed.
3. Turn the volume control counterclockwise or clockwise to adjust the value from +7 to -7.
4. Press the **AUD** key several times to exit the menu.

OULXBER,00029C8 -19-09FEB16-1/1

Adjust Left/Right Volume Distribution (BAL)

1. Press the **AUD** key to open the menu for the sound settings.

2. Press the **AUD** key several times until **BAL** and the current setting is displayed.
3. Turn the volume control counterclockwise or clockwise to adjust the value from +10 to -10.
4. Press the **AUD** key several times to exit the menu.

OULXBER,00029C9 -19-09FEB16-1/1

Adjust Front/Rear Volume Distribution (FAD)

This adjustment is only available on vehicles with front and rear speakers.

1. Press the **AUD** key to open the menu for the sound settings.

2. Press the **AUD** key several times until **FAD** and the current setting is displayed.
3. Turn the volume control counterclockwise or clockwise to adjust the value from +10 to -10.
4. Press the **AUD** key several times to exit the menu.

OULXBER,00029CA -19-10FEB16-1/1

Turn Loudness On/OFF (LD)

Activating loudness improves the sound. The ratio of low to high tones is changed to obtain an equalized sound even at low volume settings. It is not recommended to turn loudness on at high volume settings.

1. Press the **AUD** key to open the menu for the sound settings.
2. Press the **AUD** key several times until **LD** and the current setting **ON** or **OFF** is displayed.
3. Turn the volume control counterclockwise or clockwise to change from ON to OFF or vice versa.
4. Press the **AUD** key several times to exit the menu.

OULXBER,00029CB -19-09FEB16-1/1

Restore Sound Settings

All sound settings can be restored to the factory settings.

1. Press the **AUD** key to open the menu for the sound settings.
2. Press the **AUD** key several times until **RESET N** is displayed.

3. Turn the volume control clockwise to select **RESET Y**. After approx. 2 seconds all sound settings are reset.
4. Press the **AUD** key several times to exit the menu.

NOTE: Press and hold the **AUD** key for more than 2 seconds to reset the audio settings only for the audio source currently used.

OULXBER,00029CC -19-09FEB16-1/1

Radio Operation

Setting the Radio Receiver

IMPORTANT: The radio receiver must be tuned to country-specific wave bands (tuner bands). Unless the wave bands (tuner bands) are set correctly, it may not be possible to receive any radio stations.

Make the setting:

1. Switch the radio off.
2. Hold station buttons (1) and (3) pressed down simultaneously.
3. Switch on the radio; display shows "SETUP".
4. Release station buttons (1) and (3).
5. Press the "Menu" key several times until the current wave band is displayed. (e.g. "EUROPE", "NAFTA", "SOTHAMRC", "MESTAFRC", "APAC", "TAIWAN", "PHILIPIN" or "AUSTRLNZ").
6. The multi-function rocker switch (arrow at far right) can be used to change through the various wave bands.



Select the wave band appropriate to the country in which the radio is to be operated (see table).

7. After the correct wave band has been selected, do not make further settings in this menu; instead, switch off the radio to save the changed setting.

Country		Wave band (tuner band)		Country	Wave band (tuner band)
Austria	Italy	EUROPE		Argentina	SOTHAMRCA
Belgium	Kazakhstan			Bolivia	
Bulgaria	Lithuania			Brazil	
Switzerland	Luxembourg			Guyana	
Czech Republic	Latvia			Nicaragua	
Germany	Netherlands			Uruguay	
Denmark	Poland			Venezuela	
Estonia	Portugal			Armenia	MESTAFRC
Spain	Romania			Ethiopia	
Finland	Russia			Israel	
France	Serbia			Oman	
Great Britain	Sweden			South Africa	
Northern Ireland	Slovakia			Zambia	
Croatia	Turkey			China	APAC
Hungary	Ukraine			Japan	
				Korea	
Canada		NAFTA		Australia	AUSTRLNZ
Dominican Republic				New Zealand	
Mexico					
United States of America					
Taiwan		TAIWAN		Philippines	PHILIPIN

Problem:

The set-up menu does not appear on the display. Normal radio mode is active.

The desired country does not appear in the set-up menu.

The setting that has been made is not stored.

The radio display does not show anything.

Solution

Make sure that the two buttons are pressed at the same time while the radio is switched on.

This is normal. Only 8 settings appear on the display; each stands for a number of countries. Refer to the table before making the correct selection.

Radios connected to the CommandCenter by CAN Bus receive the settings automatically via the relevant software. In this case, the setting must be made at the CommandCenter.

Check whether the radio is ready to operate. Check if the "DIM function" is set to DIM ON.

OULXBER,00029CD -19-11FEB16-1/1

LX203986 — UN—27MAR14

Station Name

This radio system is equipped with an RDS radio receiver. Many FM stations send a signal that not only contains the

program but also other information such as station name and program type (PTY).

The station name is displayed, if received.

OULXBER,00029CE -19-10FEB16-1/1

Start Radio Mode

If the radio system is currently in a different mode:

- Press the **BND** key once or press the **SRC** key several times until **RADIO** is displayed.

The current frequency or station name is displayed.

OULXBER,00029CF -19-09FEB16-1/1

Turn RDS Functions On/Off

The RDS functions extend the performance range of the radio system.

- **AF** (alternative frequency): When the RDS function is activated, the radio system searches in the background for the best receivable frequency of the selected station.
- **REG** (region): At certain times, some radio stations divide their program into regional programs with different content. When the REG function is activated, the radio system will not switch to alternative frequencies that are transmitting a different program content.

NOTE: RDS (AF) is turned on as factory setting. REG must be turned on and off separately via the menu. REG can be turned on only when RDS is turned on.

Turn RDS (AF) on or off

1. Select the radio mode (FM frequency band).

2. Press the **MENU** key to open the menu.
3. Press the **MENU** key several times until **RDS** and the current setting **ON** or **OFF** is displayed.
4. Turn the volume control counterclockwise or clockwise to change from ON to OFF or vice versa.
5. Press the **MENU** key several times to exit the menu.

Turn REG on or off

1. Select the radio mode (FM frequency band).
2. Press the **MENU** key to open the menu.
3. Press the **MENU** key several times until **REG** and the current setting **ON** or **OFF** is displayed.
4. Turn the volume control counterclockwise or clockwise to change from ON to OFF or vice versa.
5. Press the **MENU** key several times to exit the menu.

NOTE: When the RDS functions are activated, RDS is displayed.

OULXBER,00029D0 -19-10FEB16-1/1

Select Wave Band/Memory Level

Programs of different frequency bands can be received with this radio system (see table).

- Three memory levels are available each for the FM wave band.
- Two memory levels are available each for the AM/AMT, MW/MWT and LW/LWT wave bands.
- One memory level is available for the WX wave band.
- 6 stations can be saved at each memory level.

Press the **BND** key to switch between the wave bands or memory levels.

Region:	Wave bands:				
	FM	AM	WX	MW	LW
NAFTA countries	X	X	X		
Europe	X			X	X
Other Regions	X	X			
Memory levels:	FM1, FM2, FMT	AM, AMT	WX	MW, MWT*	LW, LWT*

**EU only*

OULXBER,00029D1 -19-12FEB16-1/1

Tuning in to a Station

There are two possible ways to tune in to a station:

- **Automatic** seek, using the ◀ and ▶ keys.

Additionally see "Sensitivity of Seek Function" (SENS) in this Section.

- **Manual** station tuning using the ▲ and ▼ keys.

Additionally see "Programming the Key Function (KEY PRG)" in this Section.

OULXBER,00029D2 -19-10FEB16-1/1

Sensitivity of Seek Function

This function is relevant when turning in to a station.

Automatic seek

Setting sensitivity of seek function (SENS)

1. Select the radio mode.

2. Press the **MENU** key to open the menu.
3. Press the **MENU** key several times until **SENS** and the current setting **LO** (low sensitivity) or **DX** (high sensitivity) is displayed.
4. Turn the volume control counterclockwise or clockwise to change from LO to DX or vice versa.
5. Press the **MENU** key several times to exit the menu.

OULXBER,0002A1B -19-10FEB16-1/1

Store Station

Region:	Wave bands:				
	FM	AM	WX	MW	LW
NAFTA countries	X	X	X		
Europe	X			X	X
Other Regions	X	X			
Memory levels:	FM1, FM2	AM	WX	MW	LW

Manual storing

1. Select the desired memory level or wave band.
2. Tune desired station.
3. Select one of station keys 1 - 6 for storing the station, then press and hold this key for more than 2 seconds.
4. A confirmation signal sounds as soon as the station has been saved on the selected station key. The storage location (e.g. P3) of the station is displayed as long as this station is selected.

CommandCenter™ is a trademark of Deere & Company

Automatic storing (T-STORE)

NOTE: Not available with CommandCenter™ GS 4600 display. Functionality can change with software updates, ask your authorized dealer.

The strongest 6 stations of the region can be stored automatically. For the FM wave band, FMT memory level is used for storing and for the AM wave band, AMT memory level (additionally MWT and LWT for Europe).

NOTE: Stations already stored on this level are replaced by newly found stations.

If PTY is turned on, only stations with the currently selected program type are stored.

1. Select the desired wave band.
2. Press and hold the **BND** key for more than 2 seconds.
3. Storing starts and **T-STORE** is displayed. After the process is completed, memory locations 1 - 6 are assigned to the stations. This storing is valid only on the memory level on which the storing was performed (FMT or AMT).

OULXBER,00029D3 -19-10FEB16-1/1

Select Stored Stations

1. Select memory level or wave band.

2. Press station key 1 - 6 to call up one of the stored stations.

OULXBER,00029D4 -19-10FEB16-1/1

Scan Stored Stations (PRSTSCAN)

With this function, one after the other, all stored stations of the current memory level are played for approx. 5 seconds, each.

Start scanning

1. Press the ◀ or the ▶ key.

2. **PRSTSCAN** is briefly displayed. Each stored station of the current memory level is played for approx. 5 seconds. At the same time, the selected frequency or station name is displayed.

Stop scanning

1. Press the ◀ or the ▶ key.
2. Scanning stops and the last station played remains on.

OULXBER,00029D5 -19-10FEB16-1/1

Scan Wave Band for Available Stations (BANDSCAN)

NOTE: This function is only available if BANDSCAN is selected for the ◀ and ▶ keys in the KEY PRG menu (see Set Key Function in this section).

Start scanning

1. Press the ◀ or the ▶ key.

2. **BANDSCAN** is briefly displayed. The current wave band is searched for available stations. Each station found is played for approx. 5 seconds. At the same time, the selected frequency or station name is displayed.

Stop scanning

1. Press the ◀ or the ▶ key.
2. Scanning stops and the last station played remains on.

OULXBER,00029D6 -19-10FEB16-1/1

Program Type (PTY)

Some FM stations are transmitting information on the program type.

Examples of the program types:

- CULTURE
- TRAVEL
- WEATHER
- JAZZ MUSIC
- NEWS
- POP MUSIC

With PTY on, only stations with the selected program type can be tuned. The radio automatically changes from the current station or from another mode to the station of the selected program type.

Turn PTY on/off

1. Select the radio mode.
2. Press the **MENU** key to open the menu.
3. Press the **MENU** key several times until **PTY ON** or **PTY OFF** is displayed.
4. Turn the volume control counterclockwise or clockwise to change from **PTY OFF** to **PTY ON** or vice versa.

5. Press the **MENU** key several times to exit the menu.

Select program type

NOTE: PTY must be turned on.

1. Select the radio mode.
2. Press the **MENU** key to open the menu.
3. Press the **MENU** key several times until **PTYTYPE** is displayed.
4. Turn the volume control counterclockwise or clockwise to select a program type.
5. Press the **MENU** key several times to exit the menu.

Start PTY scan

NOTE: The PTY scan is only available if PTY is turned on and AUTOSEEK or BANDSCAN is selected for the ◀ and ▶ keys in the KEY PRG menu (see Set Key Function in this section).

1. Press the ◀ or the ▶ key to start scanning.
2. If a station of the currently selected program type is found, it will be tuned into.
3. If no station of this program type is found, the previously selected station remains on.

OULXBER,00029D7 -19-10FEB16-1/1

Treble Reduction During Interference (HCUT)

The HCUT function improves the sound when radio reception is poor. If interference with reception is present, the level of the interference noise is automatically reduced.

1. Select the radio mode.

2. Press the **MENU** key to open the menu.
3. Press the **MENU** key several times until **HCUT**, the current setting **OFF**, **1** or **2** is displayed.
4. Turn the volume control counterclockwise or clockwise to adjust or turn off HCUT.
5. Press the **MENU** key several times to exit the menu.

OULXBER,00029D8 -19-09FEB16-1/1

Set Key Function (KEY PRG)

A function can be assigned to the ◀ and ▶ keys.

Functions	Description
AUTOSEEK	Tune to the next available station
MANSEEK	Manually tune one increment at a time
PRSTSCAN	Scan of stations stored on the currently selected memory level
BANDSCAN	Scan available stations in the currently selected band

Set key function

1. Select the radio mode.
2. Press the **MENU** key to open the menu.
3. Press the **MENU** key several times until **KEY PRG** is displayed.
4. Turn the volume control counterclockwise or clockwise to change between the different settings (see table).
5. Press the **MENU** key several times to exit the menu.

OULXBER,00029D9 -19-10FEB16-1/1

Traffic Information (Europe only)

Traffic Information (Europe only)

NOTE: The traffic information functions are not available in NAFTA countries.

This function is not available on the Premium Radio for North America.

This function is available in the CD and AUX modes only if the FM wave band is selected in radio mode.

Turn traffic information priority on/off

Press the **TA** key to turn the traffic information priority on or off for all modes.

The traffic information priority is activated if TA or TP is displayed. When a traffic announcement is received, the CD and other outputs are interrupted and the radio system switches to the traffic announcement. TRAFFIC is displayed for the duration of the announcement.

- An acoustic alarm sounds regardless of the playback source when leaving the transmission range of the station broadcasting traffic information and the automatic scan does not find an alternative station with traffic information.

- An acoustic alarm sounds when changing from a station with traffic information to a station without traffic information.

In both cases, either turn the traffic information priority off or tune into a station that broadcasts traffic announcements.

Adjust traffic announcement volume

1. Select the radio mode (FM frequency band).
2. Press the **MENU** key to open the menu.
3. Press the **MENU** key several times until **TA DIFF** and the current setting is displayed.
4. Turn the volume control counterclockwise or clockwise to adjust the value from DIFF 0 to DIFF 10. The numbers represent the volume increase in relation to the selected volume.
5. Press the **MENU** key several times to exit the menu.

NOTE: While a traffic announcement is broadcast, the volume can be adjusted for the duration of the announcement using the volume control.

Cancel traffic announcements

Press the **TA** key to cancel an ongoing traffic announcement and return to the previous output source. The traffic information priority remains on.

OULXBER,00029DA -19-10FEB16-1/1

External Audio Sources

External Audio Sources

Various different external audio sources can be connected through the AUX input on the radio's rear side. For example: Portable CD player, MiniDisc player, or MP3 player.

Activate AUX input

- Connect the external audio source and press the **SRC** key repeatedly until **AUX** appears in the display.

NOTE: The external audio source can only be selected if an audio device is connected to the external AUX input.

Adjust AUX input volume

The volume for the connected external audio source can be adjusted to the volume in radio mode.

NOTE: The AUX input volume can only be adjusted after this input has been selected as audio source using the SRC key.

1. Press the **SRC** key several times until the desired audio source is displayed.
2. Press the **MENU** key. **GAIN** and current setting is displayed.
3. Turn volume control to the left or right to set the volume between -9 and +9, whereby 0 corresponds to the set volume in radio mode.
4. Press the **MENU** key several times to exit the menu.

OULXBER,00029DB -19-09FEB16-1/1

CD Operation (Standard Radio with CD and Premium Radio only)

Use of CDs (General Information)

With this radio system standard audio CDs, CD-Rs and CD-RWs with a diameter of 12 cm (4.7 in.) can be played. When burning your own CDs, make sure they are not burned with a speed above 16x, otherwise playback problems may occur.

Only use standard audio CDs with the Compact Disc Logo to ensure proper operation. Playback problems may result from CDs with copy protection. In some cases the copy protection scheme of the CD causes reading errors what means the cd player fails playing the CD.

The CD player can playback tracks from a playlist if such files (playlists) are stored in the root directory of the music CD. For details on compiling playlists, refer to the description of the CD burner software.

IMPORTANT: Risk of damage to the CD drive! CD singles with a diameter of 8 cm (3 in.) and contoured CDs (shape CDs) must not be used.

Handle CDs carefully and avoid any damage to the CDs. Touch CDs only at the edge, if possible.

If necessary, clean CDs with a lint-free cloth; do not use any solvent. Always wipe CDs towards the outside.

Do not expose CDs to direct sun light and keep them in suitable protective covers.

Do not put stickers on the CDs. It is better to label them with a suitable, commercially available pen.

Damages caused by using unsuitable or damaged CDs are not covered under warranty.

OULXBER,00029DC -19-10FEB16-1/1

Start CD Mode

If no CD has been inserted yet:

1. Without using any force, insert the CD into the CD slot with the printed side up. Stop pushing at the first resistance and wait for the CD to be drawn automatically. **CD** is displayed.
2. CD playback starts. The number of the current track (e.g. T12) and the playing time are displayed.

IMPORTANT: Do not hinder or assist the CD while it is being drawn.

NOTE: If the radio system is off and a CD is inserted, it will be drawn automatically but playback will not start.

If a CD is already inserted:

1. Press the **SRC** key several times until **CD** is displayed.
2. The playback will start at the point at which it was interrupted. If no CD is inserted, **CD** is displayed briefly and then **NO CD INSERTED** is displayed.

OULXBER,00029DD -19-10FEB16-1/1

Eject CD

NOTE: A CD can be ejected when the radio system is turned off or during the playback from another audio source.

Press the **CD eject key** to eject the CD. When the CD is ejected, **CD EJECT** is briefly displayed. After the CD has been removed, **CD EJECT** is no longer displayed.

IMPORTANT: Do not hinder or assist the CD while it is ejected.

NOTE: The CD will be automatically drawn again if it was not removed within 10 seconds.

OULXBER,00029DE -19-10FEB16-1/1

Operate CD Player (Playback Function)

Display elapsed or remaining playing time	Press the 6 key in the key block to change between the display of the elapsed (ELAPSED) and the remaining (REMAIN) playing time of the current track.
Select track	Press the ▶ key or the ◀ key to select the next or the previous track. If the current track is already playing for more than 10 seconds, it will be restarted when the ◀ key is pressed once.
Quick scan (audible)	Press the ◀ key or the ▶ key to start fast forward or fast reverse. Release the key when the desired point is found.
Random playback (MIX ALL)	Press the 3 key in the key block. MIX ALL is briefly displayed, then MIX is displayed. The following tracks are selected at random.
Stop MIX	Press the 3 key in the key block again. MIX OFF is briefly displayed, then MIX is no longer displayed. Playback will continue normally.
Scan tracks (SCAN TRK)	Press the 4 key in the key block to play all tracks for approx. 10 seconds, each. SCAN TRK is briefly displayed. Stop the scan and continue playing track: Press the 4 key in the key block again to stop the scanning process. SCAN OFF is briefly displayed. Playing of the current track continues.
Repeat track (RPT TRK)	Press the 2 key in the key block. RPT TRK is briefly displayed, then RPT is displayed. The current track is repeated until RPT is deactivated. Stop repeating the track (RPT): Press the 2 key in the key block again. RPT OFF is briefly displayed, then RPT is no longer displayed. Playback will continue normally.
Playback tracks from playlist	If a playlist has been compiled and saved in the root directory, it can be played in the PLST mode. Press and hold the TA key until PLST ON is displayed. Playback of the first track of the playlist is started after 2 seconds. If several playlist are available (all in the root directory), select the desired playlist using the arrow keys ▲ and ▼ . If no playlists are stored on the data carrier, NO PLST is displayed when the TA key is pressed and held. While in PLST mode, it is not possible to access other directories. The PLST mode must be turned off to change directories. Press and hold the TA key until PLST OFF is displayed. Playback of the first track of the first directory is started after 2 seconds.
Pause playback (PAUSE)	Press the 1 key in the key block. PAUSE is displayed. Cancel pause: Press the 1 key in the key block again. Playback will continue.

OULXBER,00029DF -19-11FEB16-1/1

MP3 Operation (Premium Radio only)

MP3 Operation (General Information)

With this radio system CD-Rs and CD-RWs with MP3 and WMA music files can be played back. This section only describes the playback of MP3 files since operation is the same for MP3 and WMA files. MP3 data carrier always refers to CD-R/RW.

WMA files with Digital Rights Management (DRM) from online music shops cannot be played back with this radio system.

WMA files can only be played back safely if created with Windows Media Player™, version 8 or later.

OULXBER,0002A13 -19-09FEB16-1/1

Compile MP3 CD

If problems occur with self-made CDs, use blank CDs of a different manufacturers or of a different color.

The CD format must be ISO 9660 Level 1 or Level 2, or Joliet. All other formats cannot be played back reliably.

When converting (encoding) MP3/WMA files from the audio files, use bit rates of 32 to 320 kbps for MP3 files and 32 to 192 kbps for WMA files.

This radio system supports up to 252 directories and up to 255 files per directory. The CD must not contain more than 512 directories and files. The directories and tracks/files on the CD can be selected individually.

NOTE: If more than 16 characters (including file extension .mp3 or .wma) are used for file names, the maximum number of tracks/files and directories is reduced.

Example for the layout of the structure of a CD:

Each directory can be named with the PC. The directory name can be displayed on the radio system. Name the directories and tracks/files as described in the software of the CD burner.

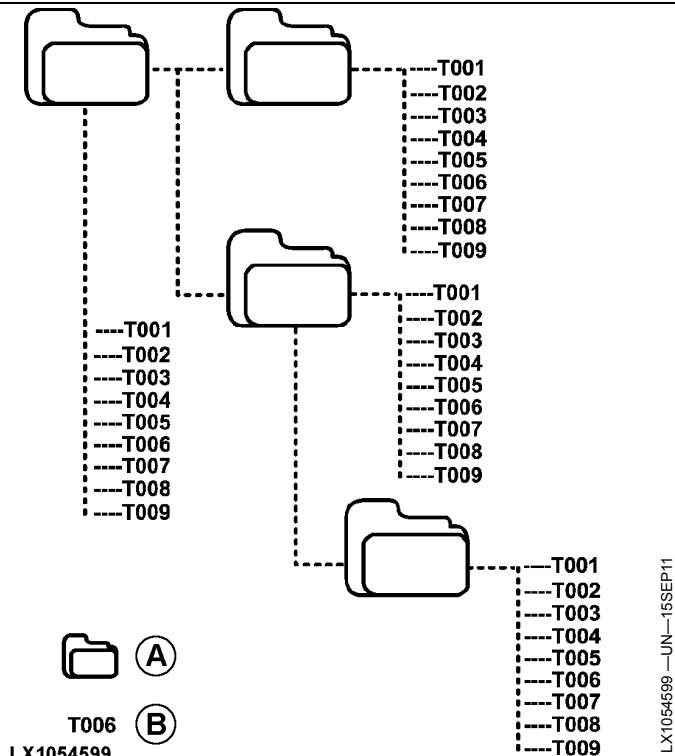
NOTE: Do not use special characters (or typical European characters like ä, ü, ö, é, é, Ø and so on) when naming directories and tracks/files.

If more than 16 characters (including file extension .mp3 or .wma) are used for file names, the maximum number of tracks/files and directories is reduced.

Save the files onto the data carrier in the desired playback order. The radio system will play back the files in the same order as they are physically saved on the data carrier.

This radio system will only playback MP3 files with file extension .mp3 and WMA files with file extension .wma.

- If files other than MP3 files are given the file extension .mp3, the files become invalid and will not be played back.



A—Directories (Folders)

B—Tracks/Files

- If CDs containing non-MP3 tracks/files as well as MP3 tracks/files are used the radio system will only playback MP3 files.
- If mix mode CDs containing CD audio tracks/files and MP3 tracks/files are used the radio system will only playback CD audio tracks/files.

NOTE: Using a mixed media CD can cause a Device Error on the radio.

OULXBER,0002A14 -19-10FEB16-1/1

Compile USB Data Carrier

For the radio system to recognize a USB data carrier, it must be specified as mass storage device and formatted in the FAT16 or FAT32 file system. The audio files must be saved in MP3 or WMA format.

A maximum of 5000 tracks (without ID3 tags) can be stored and used on a USB data carrier. The directories

and tracks can be selected and played back individually. If audio files with ID3 tags are used, the maximum number of usable tracks is reduced.

It cannot be guaranteed that all USB data carriers available on the market work properly.

OULXBER,0002A15 -19-09FEB16-1/1

ID3 Tags

Audio files may contain additional information such as artist, track name, album name (ID3 tags). This radio system can display version 1 and version 2 ID3 tags.

OULXBER,0002A16 -19-09FEB16-1/1

Start MP3 Mode from CD

The MP3 CD mode is started automatically when an MP3 CD is inserted. See also the description under Start CD Mode.

The number of the current track (e.g. T12), the playing time and the track information (ID3 tags) or the file name are displayed. When changing directories, the directory name is briefly displayed.

OULXBER,0002A17 -19-09FEB16-1/1

Connect USB Data Carrier and Start MP3 Mode

To be able to connect a USB data carrier (e.g. USB stick or USB drive), the USB cable must be connected to the external USB port (see also the Operator's Manual of the vehicle).

CAUTION: By design, some USB data carriers are not suitable for direct connection to the USB port. To prevent personal injury, USB data carriers should only be used with an additional connection cable.

Connect the USB data carrier to the USB cable. As soon as connected, USB data carrier can be selected by pressing the **SRC 12** key. **USB** is then displayed.

Display elapsed or remaining playing time

Press the **6** key in the key block to change between the display of the elapsed (ELAPSED) and the remaining (REMAIN) playing time of the current track.

Track information display (ID3 Tags)

If the audio files contains ID3 tags, the relevant information is displayed once as scrolling text at the beginning of each track. If the audio file does not contain ID3 tags, only the file name is displayed.

NOTE: See also the relevant description of the PC MP3 software or the burner software to create ID3 tags.

Press the **5** key to display the track information once as scrolling text. The ID3 tags of the current track are displayed once as scrolling text.

NOTE: This function is not available if the track information display as scrolling text is turned off. See Turn Track Information Display as Scrolling Text On/Off (SCRL).

OULXBER,0002A18 -19-09FEB16-1/1

Scroll Track Information On/Off(SCRL)

1. Select the CD or MP3/WMA mode.
2. Press the **MENU** key to open the menu.
3. Press the **MENU** key several times until **SCRL** and the current setting **OFF** or **ON** is displayed.

4. Turn the volume control counterclockwise or clockwise to turn the scrolling text with track information on or off.
5. Press the **MENU** key several times to exit the menu.
6. If **SCRL OFF** is selected: At the beginning of each track, the track title is displayed/scrolls. Then the track number and time are both displayed for the remaining playing time of the track.

OULXBER,0002A19 -19-10FEB16-1/1

Playback of MP3 or WMA Files

Select directory	Press the ▲ key or the ▼ key to change up or down to a different directory. This way, sub-directories can also be accessed. Directories of the data carrier that do not contain valid audio files are skipped.
Select track	Press the ► key or the ◀ key to select the next or the previous track. If the current track is already playing for more than 10 seconds, it will be restarted when the ◀ key is pressed once.
Quick scan (audible)	Press the ◀ key or the ► key to start fast forward or fast reverse playing. Release the key when the desired point is found.
Random playback (MIX ALL) (all tracks on the data carrier)	Press the 3 key in the key block several times until MIX ALL is displayed. MIX is displayed and all tracks of the MP3 data carrier are played back in random order.
Random playback (MIX DIR) (all tracks of the directory or folder)	Press the 3 key in the key block several times until MIX DIR is displayed. MIX is displayed and all tracks of the MP3 directory are played back in random order.
Stop MIX	Press the 3 key in the key block again. MIX OFF is briefly displayed, then MIX is no longer displayed. Playback will continue normally.
Scan tracks (SCAN TRK) (all tracks on the data carrier)	Play all tracks of the MP3 data carrier in ascending order for approx. 10 seconds each: Press the 4 key in the key block several times until SCAN TRK is displayed.
Scan tracks (SCAN FLD) (all tracks of the directory or folder)	Play all tracks of the MP3 directory in ascending order for approx. 10 seconds each: Press the 4 key in the key block several times until SCAN FLD is displayed. Stop scan, continue playing track: Press the 4 key in the key block again to stop the scanning process. SCAN OFF is briefly displayed. Playing of the current track continues.
Repeating track or directory (RPT TRK) and (RPT DIR)	Repeate Track: Press the 2 key in the key block. RPT TRK is briefly displayed, then RPT is displayed. The current track is repeated until RPT is deactivated. Repeate Directory: Press the 2 key in the key block. RPT DIR is briefly displayed, then RPT is displayed. The current directory is repeated until RPT is deactivated. Stop Repeating: Press the 2 key in the key block again. RPT OFF is briefly displayed, then RPT is no longer displayed. Playback will continue normally.
Playback tracks from playlist	If a playlist has been compiled and saved in the root directory, it can be played in the PLST mode. Press and hold the TA key until PLST ON is displayed. Playback of the first track of the playlist is started after 2 seconds. If several playlist are available (all in the root directory), select the desired playlist using the arrow keys ▲ and ▼. If no playlists are stored on the data carrier, NO PLST is displayed when the TA key is pressed and held. While in PLST mode, it is not possible to access other directories. The PLST mode must be turned off to change directories. Press and hold the TA key until PLST OFF is displayed. Playback of the first track of the first directory is started after 2 seconds.
Pause playback (PAUSE)	Press the 1 key in the key block. PAUSE is displayed. Cancel Pause: Press the 1 key in the key block. Playback will continue.

OULXBER,0002A1A -19-11FEB16-1/1

Bluetooth® Operation (Premium Radio only)

Bluetooth® Operation, General Information

LX245298 —UN—27JUL15

This radio system is equipped with an integrated Bluetooth® module. Using radio communication, Bluetooth® allows for a secure data transfer between the radio system and a paired close-range Bluetooth® device such as a cell phone.

The radio supports the following functions:

- Turn Bluetooth® function on and off manually.
- Permanent link (pairing) between radio system and cell phone.
- Automatic pairing with previously linked cell phone at radio system power-on.
- Download of 252 contacts with 4 phone numbers each from the phone book of the paired cell phone.
- Research of transferred contacts.
- Receive and place calls.
- Play back audio files.

Rules for North America

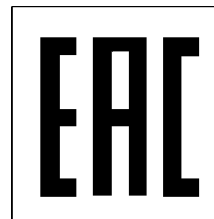
FCC ID: YBN-JD-BASE4

IC: 9595A-JD-BASE4

FCC Section 15.19, Labelling Requirements

This device complies with part 15 of the FCC (Federal Communications Commission) Rules and Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

1. This device may not cause harmful interference.



Bluetooth® Certification Label for Russia

2. This device must accept any interference received, including interference that may cause undesired operation.

FCC Section 15.21, Information to User

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

Rules for Mexico

NOM-121-SCT1-2009

Operation of this system is subject to the following two conditions:

1. This system or device must not cause harmful interference.
2. This system or device must accept any interference received, including interference that may cause undesired operation.

OULXBER,0002A0B -19-11FEB16-1/1

Set Up Bluetooth®

The following steps must be performed before Bluetooth® can be used:

1. Turn Bluetooth® function on
2. Select connection type (phone/audio)

3. Pair radio with cell phone or other Bluetooth® device

As soon as the cell phone has been successfully paired, phone calls can be received and placed via the radio system. Also, MP3 music files stored on the Bluetooth® device can be played back via the radio system.

OULXBER,0002A0C -19-10FEB16-1/1

Turn Bluetooth® On/Off (BT MODE)

The Bluetooth® function can be turned on or off in each mode (radio, CD, USB, AUX, XM). When Bluetooth® is turned on, the corresponding symbol flashes.

NOTE: The Bluetooth® symbol is permanently displayed when Bluetooth® is turned on and a device is paired.

1. Press the **MENU** key to open the menu.

2. Press the **MENU** key several times until **BT MODE** is displayed. Wait for 2 seconds until the current setting **BT OFF** or **BT ON** is displayed.
3. Turn the volume control counterclockwise or clockwise to turn Bluetooth® on or off. After 2 seconds the new setting becomes active and the Bluetooth® symbol starts flashing.
4. Press the **MENU** key to open the **CON-TYPE** or wait a moment to automatically return to the currently selected mode.

OULXBER,0002A0D -19-09FEB16-1/1

Select Connection Type (CON-TYPE) and Pair Devices (BT-PAIR)

Bluetooth® phone and Bluetooth® audio can be used with this radio system. The selection is done in the CON-TYPE menu.

NOTE: CON-TYPE is only displayed when Bluetooth® is turned on (BT ON).

Select connection type (CON-TYPE)

1. Press the **MENU** key to open the menu.
2. Press the **MENU** key several times until **CON-TYPE** is displayed. Wait for 2 seconds until the submenu **BT PHONE** or **BT AUDIO** is displayed.
3. Turn the volume control counterclockwise or clockwise to select **BT PHONE** or **BT AUDIO**.
4. Press the **MENU** key to open the subsequent **BT PAIR** menu or press the **TA** key to cancel.

Pair Bluetooth® devices (BT-PAIR)

1. Press the **MENU** key to open the menu.
2. Press the **MENU** key several times until **BT PAIR** is displayed. Wait for 2 seconds until the submenu

VISIBLE or **BT AUDIO** is displayed. After 2 more seconds, **PIN XXXX** is displayed (XXXX represents an individual sequence of numbers).

3. On the cell phone enable Bluetooth®, select New Device or BOSCH BT (if already set up) and start the connectivity search. As soon as the cell phone has established the connection, you are prompted to enter the PIN.
4. Now, enter the numbers (XXXX) displayed on the radio into the cell phone and confirm, if required.
5. If pairing was successful, the Bluetooth® symbol and **PAIRED** is displayed; then after 2 seconds **BT JOIN** followed by the contact name of the paired cell phone is displayed.

*NOTE: If pairing was not successful, **NO PAIR** is displayed and the radio system immediately returns to the previous mode. A new pairing attempt can be started.*

6. The contact name is displayed for 10 seconds and then the radio system returns to mode selected prior to the pairing.

OULXBER,0002A0E -19-10FEB16-1/1

Bluetooth® Device Currently Connected (BT-JOIN)

Up to 5 cell phones can be paired with the radio system. The cell phone connected last is always automatically connected again and displayed in **BT JOIN**. If another already paired cell phone is to be connected, the

Bluetooth® function on all other cell phones within range must be turned off first. It is also possible to pair the desired cell phone with the radio system again.

A maximum of 5 devices can be paired with the radio system. If another device is paired, the device that has been stored the longest will be deleted.

OULXBER,0002A0F -19-10FEB16-1/1

Transferring and Accessing Phonebook Data

Transferring Phonebook data:

After successful pairing, up to 252 contacts with 4 phone numbers each are transferred from the connected cell phone to the radio system. The transfer takes place automatically in the background. There is no information on the process. Phone data can be accessed via the radio system as soon as the Bluetooth® symbol stops blinking.

Accessing Phonebook data:

The phonebook data (phone numbers, contact names, etc.) are stored in a list. The list can be displayed by pressing and holding the **SRC** key and then searched by using the arrow keys. Press the **SRC** key again or press the **MENU** key to cancel.

1. Press and hold the **SRC** key for more than 3 seconds to open the list.
2. The first contact is displayed.
3. Press the **►** key to go to the next character in the alphabet.
4. Press the **◄** key to go to the previous character in the alphabet.
5. Press the **▼** key to display the next contact.
6. Press the **▲** key to display the previous contact.
7. Press the **MENU** key to close the list.

NOTE: Incoming calls have priority. The list will be closed and the last selected mode will be displayed. Phone information is updated after each phone call.

OULXBER,0002A10 -19-10FEB16-1/1

Receive and Place Calls

When the radio system is paired with a cell phone, calls can be received and placed.

Answer a call

When a call is coming in, a ring tone sounds and **CALL** is displayed. After 2 seconds the display changes and the contact name or the phone number of the caller is displayed. **PRIVATE NUMBER** will be displayed, if the relevant information is not available.

1. Press the **BND** key to answer the call. (To reject a call, press the **MENU** key.)
2. Use the volume control to adjust the phone volume, if necessary.
3. Press the **MENU** key to end the call. **CALL END** is displayed for 2 seconds and the radio system returns to the currently selected mode.

Place a call

1. Press and hold the **SRC** key for more than 3 seconds to open the contact list.

2. Use the arrow keys to select the desired contact and press the **BND** to establish the connection.
3. Once the connection has been established, **IN CALL** is displayed.
4. Use the volume control to adjust the phone volume, if necessary.
5. Press the **MENU** key to end the call. **CALL END** is displayed for 2 seconds and the radio system returns to the currently selected mode.

MUTE function: If, during conversation, the On/Off key is pressed briefly, speech transmission via the microphone is suppressed (Mute). Pressing the on/off key again reactivates the speech transmission.

***NOTE:** Incoming calls during an ongoing phone call are announced with a ring tone. After the ring tone has ended, the incoming call is automatically rejected.*

OULXBER,0002A11 -19-09FEB16-1/1

Playback of Audio Files (BT AUDIO)

This radio system supports the A2DP¹ Bluetooth® standard. When the cell phone or the audio player also supports A2DP, supported music files can be transferred wireless to the radio system and played back in stereo quality. For playback, **BT AUDIO** connection type must be selected in the **CON-TYPE** menu and then the Bluetooth® device must be paired. After successful pairing, enter the **BT AUDIO** mode using the **SRC** key to listen to the music files.

Pair the device with the radio: See "Select Connection Type (CON-TYPE) and Pair Devices (BT-PAIR)" in this Section.

After successful pairing:

1. Press the **SRC** key several times until the **BT AUDIO** mode is displayed. Playback of the tracks starts automatically and continues either to the end of a file, a directory or endlessly, depending on the cell phone/audio player setting. Track information will be

displayed as scrolling text, if available and if SCRL is turned on. If no track information is available **TITLE UNKNOWN** is displayed.

***NOTE:** The audio source is not available until after the Bluetooth® symbol stops flashing on the faceplate.*

2. Use the volume control to adjust the playback volume.
3. Press the pause key **||** to pause the playback. Press the pause key again to resume the playback. This function is only available if it is supported by the cell phone/player.
4. Pressing the on/off button (Mute) briefly interrupts loudspeaker playback during BT audio mode.

***NOTE:** The volume on the paired device affects the radio's audio output. If the device's volume is turned too low, then you will not hear audio output from the radio.*

***NOTE:** The telephone function is also active in **BT AUDIO** mode and has priority over the music playback. Therefore, the music playback is paused for the duration of a call.*

¹A2DP (Advanced Audio Distribution Profile) is a commonly used transfer technology that allows stereo audio signals to be transmitted to a compatible receiver using Bluetooth®.

OULXBER,0002A12 -19-11FEB16-1/1

SiriusXM® Satellite Reception (Premium Radio for North America only)

SiriusXM® Radio, General Information

Service will automatically renew and bill at then-current rates until you call us at 1-866-635-2349 to cancel. See our Customer Agreement for complete terms at www.siriusxm.com. Other fees and taxes apply. All fees and programming are subject to change. XL may include frequent explicit language or mature programming. Call SiriusXM Listener Care at 1-800-967-2346 and ask about our Family Friendly packages; in Canada call 1-877-438-9677. XM satellite service is available only to those at least 18 and older in the 48 contiguous states of the USA and D.C. For more information about program schedules or subscriptions, please visit www.siriusxm.com; in Canada visit www.siriusxm.ca. You may also call to subscribe. USA customers: 1-800-967-2346; Canadian customers: 1-877-438-9677.

NOTE: It is prohibited to copy, decompile, disassemble, reverse engineer, hack, manipulate, or otherwise make available any technology or software incorporated in receivers compatible with the SiriusXM® Satellite Radio System or that support the SiriusXM® website, the Online Service or any of its content. Furthermore, the AMBE® voice compression software included in this product is protected by intellectual property rights including patent rights, copyrights, and trade secrets of Digital Voice Systems, Inc.

Canada: Some deterioration of service may occur in extreme northern latitudes. This is beyond the control of SiriusXM® Satellite Radio.

OULXBER,00029FC -19-09FEB16-1/1

Display XM Serial Number

1. Have a note pad and a pen ready.
2. Press the **SRC** key repeatedly until **XM** is displayed.
3. After 2 seconds, the channel **CHN 0** is displayed.
4. Then **RADIO ID** is displayed. After another 2 seconds, the eight-digit XM serial number (similar to 1A2B3C4D) is displayed for 10 seconds.

5. Record the number; this is the code required to subscribe to the satellite radio service.

NOTE: In channel 0, the display alternates between CHN 0 (2 seconds), RADIO ID (2 seconds), and the serial number (10 seconds). This repeats indefinitely as long the operator is on channel 0.

OULXBER,0002A1C -19-11FEB16-1/1

XM Radio Mode

NOTE: Only the North America Premium radios have XM available. For the Premium Radio without CD (U.S.), it is only "XM Ready", the operator must purchase the XM tuner separately from the radio.

This radio system is equipped with an XM tuner to receive digital radio stations via satellite (e.g. XM Radio). There are three XM bands (XM1, XM2 and XM3 memory levels)

with up to 6 channels each that can be assigned to the 6 station keys.

Using the CAT function, the channels can be specifically selected according to program types (categories).

NOTE: The satellite radio service is subject to fees and the user must subscribe to it! The serial number of the receiver is required for the subscription. See Display XM Serial Number in this section.

OULXBER,00029FD -19-11FEB16-1/1

Start XM Radio Mode

If the radio system is currently in a different mode:

Press the **SRC** key several times until **XM** and the channel number CHN X is displayed (X represents a number).

OULXBER,00029FE -19-09FEB16-1/1

Select XM Band (Memory Level)

XM1 band is set as factory setting. Press the **BND** key to switch between the memory levels.

The name of the selected XM band is displayed in the left lower corner of the display.

OULXBER,00029FF -19-11FEB16-1/1

Select XM Channels

XM Channels can be selected by using the left and right arrow buttons ◀ ▶. If the category search mode is active, only channels accordingly to the selected category will be available.

- Press the ▶ key to go to the next channel.
- Press the ◀ key to go to the previous channel.

The number of the selected channel is displayed.

OULXBER,0002A00 -19-11FEB16-1/1

Store XM Channels

Storing of the XM channels on the station keys is identical to storing analog radio stations.

1. Press the **BND** key and select the relevant XM band.
2. Press the **►** or **◄** key to select the desired XM channel.

3. Select one of station keys 1 - 6 for storing the XM channel, then press and hold this key for more than 2 seconds.
A confirmation beep indicates that the XM channel is now stored on the selected station key.

While an XM channel is played, the storage location (e.g. P1) of this XM channel is displayed in the left upper corner of the display.

OULXBER,0002A01 -19-09FEB16-1/1

Select Stored XM Channels

1. Press the **BND** key and select the relevant XM band.

2. Press the relevant station key 1 - 6 to select the desired XM channel.

OULXBER,0002A02 -19-11FEB16-1/1

XM Channel Category Mode On/Off (CAT)

1. Press the **SRC** key and change to satellite mode (if XM is not selected yet).

2. Press the **MENU** key several times until **CAT** is displayed.
3. Turn the volume control clockwise or counterclockwise to select **CAT ON** or **CAT OFF**.
4. Press the **MENU** key several times to exit the menu.

OULXBER,0002A03 -19-11FEB16-1/1

Select XM Channel Category

The XM channel categories (e.g. ROCK, JAZZ, NEWS, etc.) are selected using the **▼** and **▲** arrow keys.

NOTE: CAT must be turned on to be able to select a program type.

- Press the **▲** key to go to the next category.
- Press the **▼** key to go to the previous category.

OULXBER,0002A04 -19-11FEB16-1/1

Set Key Function (KEY PRG)

In the XM radio mode, one of the following functions can be assigned to the **◄** and **►** keys:

CHNSEEK: Manual change of XM channels in increments

CHNSCAN: Scanning of XM channels available in the currently selected XM band

1. Press the **MENU** key several times until **KEY PRG** is displayed.
2. Turn the volume control counterclockwise or clockwise to change from CHNSEEK to CHNSCAN or vice versa.
3. Press the **MENU** key several times to exit the menu.

OULXBER,0002A05 -19-11FEB16-1/1

System Information

Different malfunctions may occur in the XM radio mode; the radio system displays the relevant error messages.

Refer also to “Error Messages and Malfunctions” in Section 50.

OULXBER,0002A07 -19-09FEB16-1/1

Specifications

Specifications

	Standard Radio	Standard Radio with CD	Premium Radio	Premium Radio for North America
Operating voltage	12 volts	12 volts	12 volts	12 volts
Output	4 x 20 watts (sine at 4 ohms)	4 x 20 watts (sine at 4 ohms)	4 x 20 watts (sine at 4 ohms)	4 x 20 watts (sine at 4 ohms)
AUX input	2 x 2.0 volts eff	2 x 2.0 volts eff	2 x 2.0 volts eff	2 x 2.0 volts eff
Wave bands, NAFTA countries				
FM	87.7 – 107.9 MHz	87.7 – 107.9 MHz	87.7 – 107.9 MHz	87.7 – 107.9 MHz
AM	530 – 1710 kHz	530 – 1710 kHz	530 – 1710 kHz	530 – 1710 kHz
WX	162.4 – 162.55 MHz	162.4 – 162.55 MHz	not available	162.4 – 162.55 MHz
Wave bands, EUROPE				
UKW (FM)	87.7 – 107.9 MHz	87.7 – 107.9 MHz	87.7 – 107.9 MHz	87.7 – 107.9 MHz
MW	530 – 1710 kHz	530 – 1710 kHz	530 – 1710 kHz	530 – 1710 kHz
LW	153 – 279 kHz	153 – 279 kHz	153 – 279 kHz	153 – 279 kHz
FM frequency response	30 – 15000 Hz	30 – 15000 Hz	30 – 15000 Hz	30 – 15000 Hz
CD frequency response	20 – 20000 Hz	20 – 20000 Hz	20 – 20000 Hz	20 – 20000 Hz

Available wave bands (tuner bands):

- EUROPE (Europe)
- NAFTA (North America)
- SOTHAMRC (South America)
- MESTAFRC (Middle East and Africa)

- APAC (Asia/Pacific, without Japan)
- TAIWAN (Taiwan)
- PHILIPIN (Philippines)
- AUSTRALNZ (Australia and New Zealand)

OULXBER,0002A08 -19-09FEB16-1/1

Product Identification Number and SiriusXM® Serial Number

Record the numbers here:

See also “Display XM Serial Number” in this Operator’s Manual.

Radio Model Name (see identification views):

Radio Identification Number, See “Display XM Serial Number”:

SiriusXM® Serial Number, See “Display XM Serial Number”

OULXBER,0002A09 -19-11FEB16-1/1

Error Messages and Malfunctions

Error messages during satellite reception (North America only):

SATUPDAT	Updating of encryption code
NO SIGNL	No signal or signal too weak. This error message is displayed until the signal becomes strong enough.
LOAD SIGNL	Decoding of audio signal not successful; change the channel.
OFF AIR	Selected channel does not broadcast; change the channel.
CH UNAVL	Selected channel no longer available; the radio system automatically changes to the previous channel.
— — —	No artist or track information; the message is displayed until the relevant information is received.

Radio, CD and File playback - Malfunctions:

Radio switches to frequencies on which no station in the region is broadcasting.	The receiver has to be set to the frequency band available in the region. Visit a John Deere™ dealer to get the radio set to the correct frequency band.
AUX audio source not available.	The AUX source is only displayed if an input device is connected to the respective port. In the event of problems, check plugs and cables and switch on the input device.
Speech sound quality bad when using a Bluetooth® hands-free unit.	Make sure the air louvers are not directing the air of the fan towards the microphone. Battery power of the phone too low, connect charger cable. Increase the volume of the Bluetooth® device. Enable the equalizer of the Bluetooth® device (if equipped with).
Message BLOCKED	No audio playback possible. The radio has been locked to prevent unauthorized use ("anti-theft" is active). Visit a John Deere™ dealer to get the radio unlocked.
Message CD ERROR	Problem with the inserted CD. Scratches on the CD, corrupt or unreadable file system.
Message DEF ERR	Problem with the USB device. Incorrect file format. USB device not compatible

OULXBER,0002A0A -19-11FEB16-1/1

Declaration of Conformity

Robert Bosch Car Multimedia GmbH hereby declares that the radio equipment types as listed below, are in compliance with directive 2014/53/EU (Annex VII).

- John Deere Base 1 US (Standard Radio)
- John Deere Base 3 US/EU (Standard Radio with CD)
- John Deere Base 4 EU (Premium Radio EU)
- John Deere Base 4 US (Premium Radio for North America)
- John Deere Base 5 (Premium Radio without CD US)

The full text of the EU declaration of conformity is available on the internet address:

<http://cert.bosch-carmultimedia.net>

Full text of 2014/53/EU for relevant country:

Country	Directive
Estonia	2014/53/EL
Lithuania Latvia	2014/53/ES
Austria Czech Republic Germany Denmark Finland United Kingdom Croatia Hungary Ireland Netherlands Sweden Slovakia	2014/53/EU
Belgium Spain France Italy Luxembourg Malta Poland Portugal Romania	2014/53/UE
Cyprus Greece	2014/53/EE
Bulgaria	2014/53/EC

Bluetooth® Specifications

Frequency band	2400 Mhz - 2480 Mhz
Radiated power (EIRP)	Bluetooth® < 10 mW
Hints/Restriction	Internal Bluetooth® antenna implemented

Bluetooth is a trademark of Bluetooth SIG

OULXBER,0002C51 -19-25APR17-1/1

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