

X4-TECH

*luna*DT7

mobile Multiformatplayer
with DVB-T television



instruction manual

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Intended Use

1

Dear customer,

You have acquired one of our high-class products. This instruction manual will tell you how to operate this device, as well as provide you with information on cleaning and safety procedures. Please take a few minutes to read and follow all safety and operating instructions found in this manual carefully, in order to maintain this products condition and ensure safe operation. Retain this manual for future reference and pass on to third parties where applicable. Should you have any additional questions regarding this device or should any suggestions arise, please contract a specialized dealer or our service team for further information.

We look forward to you recommending us to others and hope you enjoy using this device.

Your X4-TECH Team

Note:

All mentioned company and product names are registered trademarks under the rights of their owners. All rights reserved.

No liabilities will be taken for damages or claims resulting out of not reading and/or not following the user guide. Under these circumstances, no warranty services will be given. Liability cannot be taken for consequential damages.

The contents of this owner manual may be changed at any time without notice. The contents may differ slightly from those shown in print. All specifications and designs are subject to change without prior notice.

This product is EMV-certified and fulfils all European and National guideline requirements. A declaration of CE conformity has been established for this product. Certification has been documented and entrusted to the manufacturer.



Please read the safety instructions of this user guide carefully and follow them.

The X4-TECH LUNA DT7 is a mobile DVD/TV device for the use with DVB-T television. The integrated DVD player will read Film Discs, Audio CD's and Data Discs. The USB Connector and the card slot offer additional possibilities of playing film and music data.

Before you start

Before installing and using the device, please read this user guide carefully. For possible questions or future use, keep this user guide in a safe place. This user guide contains information about the installation, use, service and maintenance of your device. If you should pass the device to other people, do not forget to include this user guide. Should you need service or any repairs, contact an authorized dealer or our service center.

Icon Description



The symbol with the exclamation mark should be read and followed with great attention and care, as these are important points for the function of the unit and the attached devices.



The flash symbol warns of unprotected, high voltage components or areas inside the housing or areas and components that should be handled with great care. Touching these components and/or connection points can be extremely dangerous. Only the expert may connect wires to such points or only pre-manufactured connectors may be used. This unit does not contain components may be maintained or handled by the user. Therefore the unit may never be opened by anyone other than an authorized dealer or a trained expert.

Safety Instructions



› The following safety instructions are not only for the safety and protection of the device, but also for the protection of your own safety and health. Please read and follow them carefully.



› In no event will liabilities be taken for consequential, incidental, direct or indirect damages resulting from improper use of the device according to the user guide. The warranty expires, if the instructions in the user guide are not followed.

› This device has been built according to CE regulations. All unauthorized changes and/or modifications on or in this device are not allowed. The warranty and the CE expire, if this device is modified without authorization.

› All persons using, handling, installing, servicing and maintaining this device must be trained and qualified for handling and repairing this device and follow this user guide.

› Pay attention to a correct installation and use of the device. Follow the User Manual.

› Take care that the mains cable is not squeezed, broken, damaged by sharp edges or subjected to mechanical strain. Avoid exposing the cable to excessive thermal temperature. Do not exchange the mains cable. A damaged mains cable can cause an extremely dangerous electric shock.

- DVB** Describes a function in the DVB-T operating mode.
- TTX** Describes a function for the TTX.
- DVD** Describes a function in the DVD operating mode. This includes the functions for DVD playback.
- CD** Describes a function for CDs.
- VCD** Describes a function for VCDs.
- Mp3** Describes a function for MP3s.
- WMA** Describes a function for WMA-Data.
- JPEG** Describes a function for JPEG-Data.

Copyright Protection

According to the current law it is illegal to copy copyright protected products, to distribute them, to make them publicly accessible as well as to rent them without the prior permission of the copyright holder or entitled bodies appointed by the copyright holder.



› Should the device, power supply or any connecting lines show damage, do not touch them, while they are still connected to the mains. Switch off the main switch first and then pull the mains plug carefully out of the socket. Do not use the defect device anymore and bring it in an authorized dealer. Do not use this device if it is damaged in any form. Liabilities will not be taken for secondary damages resulting from misuse or damages of attached devices.

› Always grasp the plug firmly and pull straight from the outlet. Never unplug the appliance by pulling on the cord.

› Lay out your cables in such a way, that they cannot become a hazard.



› This product is not a toy and not suitable for infants and children. Infants and children cannot assess the risks involved, when dealing with electrical devices.

› This product contains small parts, which should be kept out of reach of young children and babies.

› Do not leave the packaging material lying around. Children might play with the plastic bags and risk suffocation.

› Keep this product away from water, dampness and high humidity to avoid the danger of short circuit or/and fire or/and electric shock or/and damage to the product or/and connected devices.



› Keep this product away from vessels containing liquids, e.g., buckets, vases or plants. Liquids can enter the case/housing or the plug connectors. This may not only destroy the unit itself, but also lead to damages of the connected devices.

› Do not use this device in a tropical humid climate. If the product is brought in from the cold to a warm area (e.g., during transport), condensation can occur within the unit. Let the device reach room temperature, before you use it.

› Do not use this device in the bathroom.

› Never pull the mains plug with damp or wet hands. There is a risk of electric shock!

› To avoid heat congestion, do not cover the device with objects such as magazines, table covers or curtains.

› Do not use this device in a congested area or near sources of great heat.

› Always put the device on an even stable surface to avoid damages.

› Do not place this device or the power supply near an open flame such as candles.

› Follow all safety instructions in this user's guide and the user guides of the connected devices.

Main features



› If you have any doubt about the approach, the security, the handling or the correct connection of the device, or questions should arise which are not clarified in the course of this user guide, please turn to an authorized dealer or contact our technical information.

- › 17,5 cm (7") LCD display with 480 x 234 resolution
- › mobile DVB-T reception
- › Supports MP3 and WMA music files
- › Supports JPG files
- › Supports MPEG 1, MPEG2, AVI files
- › Supports DVD, DVD-R, DVD-RW, SVCD, VCD, CD, CD-R, CD-RW and Picture-CD
- › Supports SD, MMC and MS memory cards up to 4 GB in FAT-32 format
- › Supports USB-Stick up to 4 GB in FAT-32 format
- › Supports EPG and TTX
- › Integrated speakers

Technical Features

Device

- › Operating voltage: Adapter: 100–240 V ~ 50/60 Hz
Car adapter: 10–15 V DC
Device: 9–12 V DC
- › Power consumption: < 10 W
- › Display: 17,5 cm (7")
- › Aspect ratio: 16:9, 4:3 PS und 4:3 LB
- › Resolution: 480 x 234
- › Signal system: PAL and NTSC
- › Dimensions (W x H x D): 200 x 140 x 36,5 mm

- › Weight: approx. 546 g
- › DVB-T mode: Standard: DVB-T
- › Output: Video: 1 Vp-p (75 Ω)
Audio: 1,4 Vrms (1 kHz, 0 dB)

DVD

- › Laser: Semiconductor laser, wavelength 650 nm
- › Video system: PAL and NTSC
- › Frequency response: 20 Hz to 20 kHz (1 dB)
- › Signal-to-noise ratio: > 80 dB (ANALOG OUT, connectors only)
- › Dynamic range: > 85 dB (DVD/CD)

Connections

Antenna, AV-out (3,5 mm), earphones (3,5 mm), USB 2.0, card reader, 12 V DC-IN

Supports

- Video: MPEG1, MPEG2, AVI
- Audio: MP3, WMA
- Pictures: JPG
- Memory cards: SD, MMC and MS bis zu 4 GB capacity and formatted to FAT-32
- USB flash drives: up to 4 GB capacity and formatted to FAT-32
- Discs: DVD, DVD-R, DVD-RW, SVCD, VCD, CD, CD-R, CD-RW and Picture CD

Rechargeable Lithium battery

- Output: 7,4 V
- Capacity: 1200 mAh
- Charging time: approx. 4 hrs (OFF mode) / up to 20 hrs (On mode)
- Operational time: Up to 2 hours (depending on activity)
- Operational time: Up to 2 hours (depending on activity)
- Storage circumstances: Temperature: 0 – 40 °C
Humidity: 65 % $\pm$ 20 %

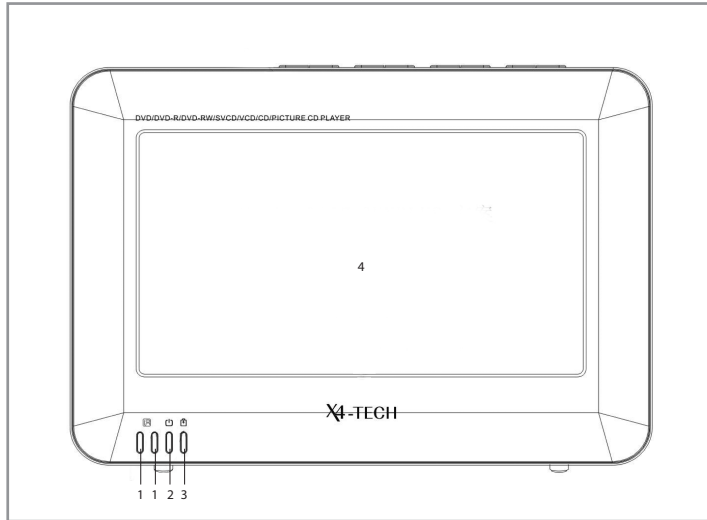
3.2 Package Contents

- › X4-TECH LUNA DT7 with integrated rechargeable battery
- › Remote control
- › 12V car adapter
- › User guide
- › Service card
- › AV-cable
- › Power supply: Input: 100–240V~50/60Hz 0,3 A
Output: +9V 1 A
— —  +
- › DVB-T antenna

The Device

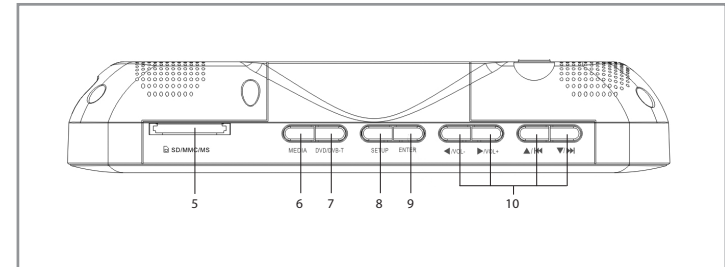
4

Front



- 1 **Sensor (for the remote control)**
- 2 **Control-LED (On/Off)**
This LED is red when the device is switched on.
- 3 **Control-LED (battery status)**
This LED is green when the rechargeable battery is fully loaded. It becomes red, when the device is being loaded.
- 4 **LCD-Display**

Top



- 5 **Card Reader**
The card reader supports SD, MMC and MS type memory cards up to 4 GB. The cards need to be formatted in FAT-32 format.
- 6 **MEDIA**
DVD This button opens the source selection menu. Select your source (disc drive, memory card or USB stick) and exit the menu by pressing the button again.
- 7 **DVD/DVB-T**
Press this button to switch between DVD and DVB-T mode.
- 8 **SETUP**
Press this button to enter/leave the setup menu. Please note that there is a difference between the setup menu of the DVD and the DVB-T mode.
- 9 **ENTER**
Press this button to confirm your selection.

10 Navigation Buttons

◀/VOL-, ▶/VOL+, ▲/⏮ and ▼/⏭

Press to navigate within menus.

JPEG Press to rotate/mirror pictures.

◀/VOL-, ▶/VOL+ Hold to increase/decrease the volume.

DVB Press to change to the next/previous favourite group.

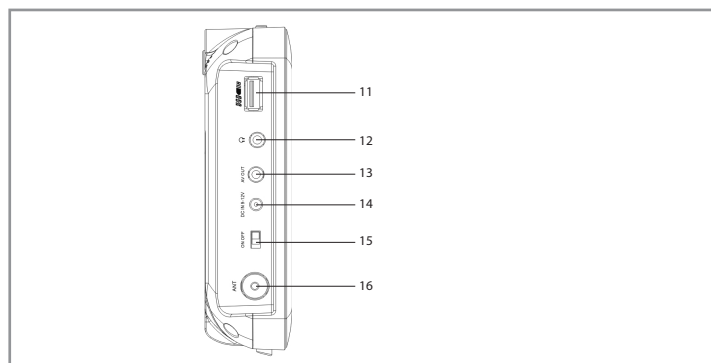
DVD Press to arrive at the next/prior data overview.

▲/⏮, ▼/⏭

DVB Press, to display the next/previous program during DVB-T mode.

DVD Hold to change to the next/previous title/file.

Left Side



11 USB 2.0 Connector

› USB sticks up to a capacity of 4 GB can be used. They need to be formatted in FAT-32.

› Do not use an extension cable longer than 25 cm.

› Hard discs cannot be used with this device.

! The use of USB cables is limited to the length of 3m. A cable exceeding the length of 3m might lead to a bad performance and can influence other devices due to electromagnetic disturbances (EMC).

The USB connector is not designed as a power supply for external devices e.g. hard disc. Please read the user guide of the attached device.

12 Earphones

You can connect a set of earphones to this jack. Speakers are muted, once earphones are plugged into the device.

! Listening to earphones at higher volumes over a longer period of time can damage your hearing or even cause permanent hearing loss.

13 AV OUT

Video output connector you can use this output to connect to external devices (e.g. a monitor). Please read the user guide of the attached device.

14 DC IN 9-12V (Connection for the power supply)

› Switch off the device. Plug in the supplied power supply into the socket with DC IN 9-12V. Connect the power supply to the mains socket.

› To use the device with the cigarette lighter in the car, use the car adapter. Connect the adapter to the socket with DC IN 9-12V and then connect to the cigarette lighter socket.

! Please bear in mind that the device consumes a minimal amount of power, even in a standby mode. Please take this into consideration when operating the device with your vehicle's electrical system. Remove the adapter from the power supply source in order to completely cut off the power supply to the device.

15 ON OFF

- › Push the switch to ON to use the device and to OFF to switch it off.
- › The device will automatically use battery power if it is not connected to the power supply.

16 ANT (Antenna)

- › Connect the supplied DVB-T antenna to this input.

17 Loudspeakers

18 OPEN

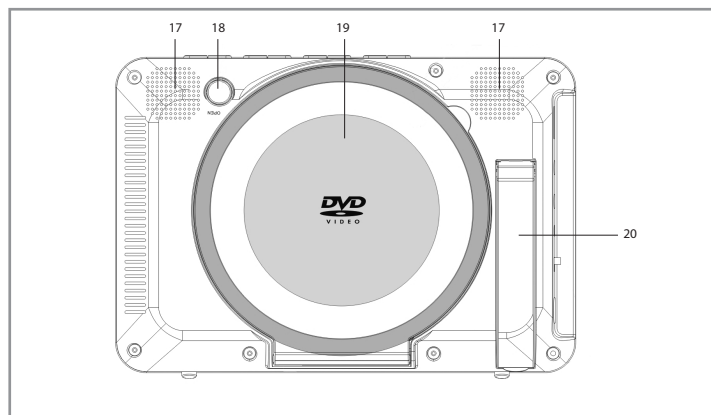
Press this button to open the disc drive.

19 Disc Drive

You can play DVDs, DVD-Rs, DVD-RWs, SVCDs, VCDs, CDs, Audio-CDs and Picture-CDs with this device.

20 Stand

Back



Remote control

Please note that this device is designed to be used with a remote control. To get best results, point the remote control directly at the device. The distance should not exceed 5 meters or an angle of 60 degrees.



1 A-B (Programming of repetitive sequence)

DVD CD VCD Mp3 WMA

Press the button at the starting point and then at the end point of the sequence you want repeated. Press the button again to exit the repetition mode.

2 MUTE

Press this button to mute the volume. Press again to resume hearing.

3 Number Pad

› You can access titles directly by inputting the title number.

DVD „10+“ counts in steps of 10. The last digit is input by the numbers on the number pad.

DVD Please note that all files are counted progressively. This means that the first file is file number one. A repetitive pressing of 10+ lets you select the files in steps of 10.

TTX A specific page can be accessed directly by entering the page number.

4 SUBTITLE

Press this button repeatedly to view the available subtitles.

5 ANGLE/EPG

DVD Press the button repeatedly to view the available different viewing angle of the DVD.

DVB Press the button to enter or leave the Electronic Program Guide (EPG). If this function is supported by the broadcasting station/the signal is received, information on the running program can be viewed. With the navigation buttons you can browse through the programs and their offers.

6 TITLE/TV/RADIO

DVB Press the button to jump between the list of DVB-T programs offered and possible radio stations.

DVD Back to the main menu of a DVD out of playback.

7 Navigation Buttons

▲, ▼, ◀ and ▶ Press to navigate within menus.

JPEG Pictures may be rotated or mirrored during viewing.

DVB With ▲ and ▼ wechseln Sie zu dem nächsten/vorherigen Sender.

DVB With ◀ and ▶ you can choose your next/previous favourite group during DVB-T mode. Favourites are selected and defined in the Setup Menu under “Channel Guide” -> “Channels Class”. If this is done, then only these favourites can be selected whilst using this function.

DVD Next/prior file page.

8 ENTER

Press ENTER to confirm your selection.

9 SETUP

Opens/leaves the SETUP function.

10 ►|| (play/pause)

Press to pause/play/continue playback.

11 ■ (stop)

Press ■ (stop) to stop playback. The device bookmarks the position in the playback. Pressing ENTER will continue playback from this point onward. Double pressing of ■ (stop) or another action will delete the bookmark.

12 PROGRAM/TTX (make playlist/videotext)

DVD With "PROGRAM/TTX" you can create a playlist. First you need to choose a save space with the navigation buttons. You can then enter the file (title and chapter number for DVDs) with the number buttons. After you have selected your playlist press "PLAY" to start playing. Press "PROGRAM/TTX" to exit the menu without saving. To delete the playlist press "PROGRAM/TTX" during replay and then "CLEAR".

JPEG Press the button repeatedly to select the available effects between the pictures during a slide show.

TTX By pressing "PROGRAM/TTX" you can enter/leave the videotext (TTX) mode. If this feature is supported by the broadcasting station the start menu will open. You can browse through the pages with the number pad. ►►, ◀◀, ►► and ◀◀ substitute the colours green, red, blue and yellow function buttons.

13 REPEAT

DVD Press this button repeatedly to access the available repeat modes.

14 DVD/DVB

Switch between DVB-T and DVD mode.

15 SOURCE

DVD This will open the source menu. Here you can choose the input medium that you want to view (disc drive, memory card or USB stick). Pressing the button again will exit the menu.

16 DISPLAY

Press this button repeatedly to display available information (e.g. reception quality or remaining playback time).

17 AUDIO

DVB **DVD** Press this button repeatedly to select the available soundtracks.

CD **VCD** Press this button repeatedly to select the available audio channels (STEREO, MONO L or MONO R).

18 MENU

DVD Press this button to enter the chapter selection during playback of DVDs. Pressing this button again will continue playback.

DVD Press this button to select between file types (sound, picture, film). Pressing this button while viewing a file will bring you back to file selection.

19 RETURN

DVD Press this button to return to the chapter selection during playback of DVDs.

DVD Press this button to return to the file type selection (sound, picture, film). Pressing this button while viewing a file will bring you back to file selection.

DVB Press this button to return to the previously seen program.

DVB Press this button to navigate upwards/backwards within the

DVB-T SETUP menu.

20 SEARCH

DVB Starts the automatic program search function. First select the country, if local position numbers should be used and start the program search. The program search can take some time. During the search a progress bar is shown. As soon as the search is finished program number one will be shown. Alternatively you can search programs in the DVB-T setup menu.

DVD Press the button once to enter the search menu. Press "Search". A search menu will open at the top of the display. Use the number pad to directly input the channel number. Use "ENTER" to navigate. Pressing this button again exits the menu.

21 SLOW

DVD Press this button repeatedly to select the available slow motion functions. **▶▶** (play/pause) resumes normal playback.
normalen Wiedergabe zurück.

22 VOL -/+

Volume control (decrease/increase the volume). Other sound control can be selected in the setup menu.

23 ◀◀ / red

DVD Press this button to access previous chapter/title/file.

TTX Is the red function button when using TTX. The use is dependent on the TTX page.

23 ▶▶ / green

DVD Press this button to access next chapter/title/file.

TTX Is the green function button when using TTX. The use is dependent on the TTX page.

24 ◀◀ / yellow

DVD Starts a fast backward of the playback. Repeated pressing varies the speed. **▶▶** resumes normal playback.

TTX Is the yellow function button when using TTX. The use is dependent

on the TTX page.

25 ▶▶ / blue

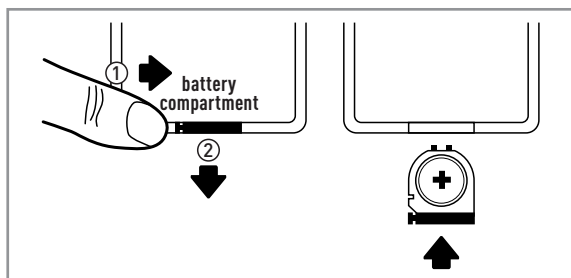
DVD Starts a fast forward of the playback. Repeated pressing varies the speed. **▶▶** resumes normal playback.

TTX Is the blue function button when using TTX. The use is dependent on the TTX page.

Changing Batteries

The remote control uses one battery of the type CR2025 3V.

If the range of the remote control is reduced or if the remote control is not working correctly anymore, change the batteries.



› Press the small clip of the battery compartment in direction of the arrow (1). Pull out the battery compartment (2).

› Take out the battery and dispose of it, as laws and regulations of your country require.

› Place the new battery into the battery holder. Mind that you have the correct polarity.

› Push the battery holder back into the battery slot.

› Remove the battery, if the remote control is not being used for a longer period of time or stored away.

Rechargeable battery

The rechargeable battery has a capacity of 1200 mAh. This offers operational time for about two hours, depending on the type of active use

The device will use the battery power if it is not connected to an external power supply.

This device utilizes a Lithium rechargeable battery. Rechargeable batteries have a limited number of charge cycles. Each charging cycle, even a short one, shortens the battery lifespan. To increase battery lifespan, always recharge batteries completely and without disruption. The rechargeable battery can be charged up to 800 times, after which the capacity will then gradually begin to decrease.

This device has a permanent built-in rechargeable battery that should be kept away from heat sources. Never try to remove the rechargeable battery. Please contact your local dealer if a malfunction occurs during operation or battery replacement is required.

Note

Please note that the battery charging process can take up to approximately 20 hours, if the device is turned on at the same time. However, charging the battery with the device turned off will only take up to approximately 4 hours. It is therefore recommended to turn the device off during charging.



Rechargeable batteries should always be completely charged first, before using them for the first time. This could otherwise impair battery capacity.

Tips on the Use of Batteries



Please note the following points when using batteries.

- › Batteries are not toys and should be kept away from children.
- › Remove batteries from devices when they are not being used for a longer time period.
- › Do not leave batteries lying around. There is a danger, that they may be swallowed by children or pets. In such a case, immediately contact your doctor
- › Batteries may not be exposed to extreme heat such as sunshine, fire or ovens. There is the danger of explosion.
- › Make sure that batteries are never short circuited. Batteries may not be recharged. There is the danger of explosion.
- › Please follow the manufacturer's instruction manual, in case you are using rechargeable batteries.
- › Leaking and damaged batteries can cause burns on the skin. If the batteries are damaged, use gloves.
- › Make sure that the device is switched off when it is not being used.
- › Change all batteries at the same time
- › If necessary, clean the battery contacts and their contacts in the device.

- › Avoid the total discharge of rechargeable batteries.
- › Take care of correct polarity when using batteries.
- › Batteries are hazardous waste and do not belong in the normal waste bin.

Dear Customer!



Note:
Do not throw batteries and rechargeable batteries into household waste!

Consumers are legally obligated to return used and rechargeable batteries, whether they contain harmful substances* or not, to designated recycling areas, disposal sites, or stores where batteries/rechargeable batteries can be bought. By doing so, you are fulfilling all legal battery recycling and disposal obligations and are contributing to a better environment. Make sure batteries are completely discharged before disposing!

*) marked with Cd = cadmium Hg= mercuric Pb= lead

First time installation

5

The installation assistant dialogue box will appear on screen after turning the device on for the first time.

- › You will be asked if this option is to be carried out. Select “YES”.
- › Select the country and language.
- › Select “NEXT”.
- › Adjust now the desired volume.
- › Now you will be asked if you would like to start an automatic channel scan. Select “YES”.
- › Scanning starts. As soon as scanning is finished, the device will switch to the program.
- › Further settings are available for selection in the menu. You can open the menu with “SETUP”.



Try to maintain a safe volume level and avoid excessive noise. Over a certain amount of time your hearing will become accustomed to the adjusted volume level. Please note that excessive sound pressure levels created when listening to loud volume levels with earphones or headphones can lead to permanent hearing damage or loss.



Your full concentration and attention is required while driving in traffic (as well as in many other surroundings). Operating the device, listening to music with earphones/headphones or watching a movie can divert one's attention and be just as distracting, as using your cell phone while driving. In case of an accident, insurance coverage might be denied and you could be partially blamed for the accident respectively!

DVB-T

6

What is DVB-T?

DVB-T is the abbreviation for Digital Video Broadcasting – Terrestrial. DVB-T is broadcasted by earth based transmitters into the atmosphere. DVB-T is a variation of DVB and has been agreed upon as European standard for the broadcast of television and radio programs for reception with a standard aerial. The used frequencies are identical to the standard UHF- and VHF- of analogue channels. These frequencies can be used far more effectively in the digital mode than in the analogue mode as more than one program can be broadcasted on one channel.

Program Search

- › The button „SEARCH“ starts the automatic program search.
- › Alternatively programs can be directly selected in the DVB-T menu.

Changing channels

You have several options to select your program:

- › With ▲/▼ you can change to next/previous channel.
- › Channels can be selected directly by inputting the program channel number with the number pad.
- › Channels can be selected in the EPG mode. To open EPG mode press „ANGLE/EPG”.
- › Pressing „RETURN” will change to the previously seen channel.
- › With ◀/▶ you can choose a group of favourites to be active.

› „SETUP“ opens the DVB-T menu. You can choose the channel in the “Channel Guide” under „TV Channels”.

Program settings

› Open the DVB-T menu by pressing „SETUP”. Choose “Channel Guide” to edit the channels.

› TV/Radio Channels: Offers an overview over the channels and the possibility to sort them.

› Channels Class: Here you can add or delete channels from the various groups.

› Channels Edit: Here channels can be renamed, moved or deleted.

Videotext (TTX)

› By pressing „PROGRAM/TTX” you can enter/leave the videotext (TTX) mode. If this feature is supported by the broadcasting station/the signal is received the start menu will open. You can browse through the pages with the number pad. **▶▶**, **◀◀**, **▶** and **◀** on the remote control serve as green, red, blue and yellow function buttons for this service.

Electronic Program Guide (EPG)

› The button „ANGLE/EPG” opens/closes the Electronic Program Guide (EPG). If this function is supported by the broadcasting station/the signal is received, information on the running program can be viewed.

› With the navigation buttons you can browse through the programs and their offers.

Automatic Channel Change

› Choose a channel in the EPG overview by pressing „ENTER” to switch the automatic channel change ON or OFF. Currently running programs or parallel running programs cannot be selected. A channel, that has been selected for automatic channel change is identified by having a different colour in the overview.

› Up to 15 programs can be selected for the automatic channel change.

› Exit EPG.

› As soon as a saved program starts you will be asked if you want to change to the channel. Confirm by pressing „ENTER”. The window automatically closes after 15 seconds.

DVDs, Audio CDs, Data Discs, USB Sticks & Memory Cards

7

Please follow these steps in the described sequence.

- 1 Putting in the medium
 - › Press „OPEN“ to open the disc drive, insert the disc and close the drive.
 - › Put the USB stick into the USB socket.
 - › Put the memory card into the card reader slot.
- 2 Switch with "DVD/DVB" to DVD mode.
- 3 Open the source selection menu by pressing „SOURCE“ or „MEDIA“.
Movie DVDs will start their playback automatically.
- 4 Select the desired file type.
- 5 Before removing your current device, change to an alternative input device.



Never remove your media whilst it is being use. This may lead to damage of the device, medium or loss of data.

Tips on Handling CDs und DVDs

Handling CDs and DVDs

Do not touch the silver side of the disc. Handle the disc by holding the edges only or putting a finger through the center hole, so that no fingerprints are left on the silver side. Do not stick tapes, labels or papers onto either sides of the disc. The glue can destroy the disc.



Storing CDs and DVDs

Store the DVD/CD in a safe place and in the supplied case. It will save it from scratches. Do not put the disc into direct sunlight. Do not put the DVD/CD near or on heaters or other heat sources. Do not leave the disc in the car on warm days. Heat may deform the disc. Do not put heavy things onto the disc.

Cleaning CDs und DVDs

Fingerprints, scratches and dust can be a reason that a disc is not read or that a program does not install itself correctly. Before you use the disc, clean it with a dry, antistatic cloth. Wipe the disc diagonally. Do not use any solvents such as alcohol, petrol, thinner or any other cleaners or anti static sprays, as these might react with the disc material and destroy the disc.



Menu Overview

Note

Depending on your Disc-drive and/or the used CD-R/RW (DVD-R, DVD+R, DVD-RW, DVD+RW) it may come to malfunction based in compatibility and features of the disc-drive.

Some DVD's and CD's may not be able to be used at all, due to restrictions on the disc. It may therefore come to inability to use certain discs.

Manufacturers may have already intentionally programmed playback functions on some DVD and Video CDs. Therefore, it is possible that some playback functions may not be available or additional functions may be available for use.

Do not use irregularly shaped discs (e.g. heart shaped). This may cause a malfunction.

› Open/close the menu with „SETUP“.

DVB-T Mode

Channel Guide

› TV-/Radio Channels

- Allows an overview of all channels and offers the possibility to sort these.

› Channels Class

Allows the addition or deletion of channels to various groups.

› Channels Edit

Allows the change of channel names, the reorganisation of channels or the deletion.

System Config

› TV Setting

TV SYSTEM (PAL or NTSC).

TV TYPE (4:3PS, 4:3LB or 16:9).

Note: PAL is the standard TV norm for Germany.

› Video Setting

Adjust Brightness, Contrast, Hue and Saturation.

› Audio Setting

Defines audio-output (SPDIF AUS, RAW or PCM) of the SPDIF-Signal.

› Language

Defines the OSD language.

› Parent Control

Change PIN (standard PIN is 0000).

Defines parental channel control (lock and unlock channels).

› Time Setting

Defines time zone (Germany is GMT+1).

› Systeminfo

Displays various information of the device.

Installation

› Auto Scan

Starts Automatic Channel Search for a specified country

› Manual Scan

Only certain bands are searched.

› Default Setup

Reset to factory settings.

8.2 DVD-Mode

System Setup

› TV System

Set the TV system (PAL or NTSC).

Note: PAL is the standard TV norm for Germany.

› Screen Saver

Activate screen saver On/Off.

› TV-Type

Set the aspect ratio (4:3PS, 4:3LB or 16:9).

› Password

Change pin for parental control (standard PIN is 0000).

› Rating

Specification for parental control for DVD if this feature is supported by the DVD:

1: KID SAFE (for Kids)

2: G (for all age groups)

3: PG (for children with parental guidance)

4: PG 13 (for children above 13 years)

5: PG-R (for youngsters with parenting guidance)

6: R (not for youngsters)

7: NC-17 (for viewers over 17)

8: ADULT (for adults only)

Maintenance and Handling

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- › Default
Reset to factory settings.

Language Setup

- › OSD Language
Defines the menu language.
- › Audio/Subtitle/Menu Language
Sets the Language of the Soundtrack, Subtitles and Menus of the DVDs.
- › Font Setup
Adjusts the font size and style of some DVD menus.

Audio Setup

- › Audio Output
Defines audio-output (SPDIF/OFF, SPDIF/RAW or SPDIF/PCM) of the SPDIF-Signal.

Video Setup

- Adjust Brightness, Contrast, Hue and Saturation.

Speaker Setup

- › Downmix
 - LT/RT: when using a DVD with 5.1 the LS, RS and centre channels can be processed to the left and right channels of the stereo speakers evenly.
 - Stereo: when using a DVD with 5.1 the rear left channel will be processed to the stereo left and the rear right channel to the stereo right channel. The centre channel is processed to left and right channel.

Maintenance

Carry out a technical safety inspection on a regular basis, e.g. check if the power cable or housing may have become damaged.

If there is reason to believe that the device can no longer be operated safely, then disconnect it immediately from the power supply and secure it against any unintentional operation. It can be assumed that safe operation is no longer possible, if:

- › neither the device, the USB cable, the power supply nor any other attached cables or devices show any obvious signs of damage.
- › the device no longer works.
- › the device has been stored for a longer period of time under unfavorable conditions.
- › the device has been exposed to rigorous transport conditions.



Always adhere to the following safety instructions before cleaning and maintenance:

By opening the housing, components with high voltage are accessible. Make sure that the device is detached from the mains and/or the power supply. Capacitors within the device may still carry voltage even though they have been disconnected.



This device does not contain any components that need to be maintained by the user. Therefore this unit may not be opened by an unauthorised person!

This unit may only be opened or repaired by a person authorized to do so or who has knowledge of electrical safety regulations.

Cleaning the device

Unplug all power supplies before cleaning. Always use a soft, dry and lint-free cloth to clean the unit's exterior. If the device is extremely dirty you can use a soft cloth, dampened with water or a mild cleaning solution to clean. Never use any abrasive or harsh cleaning agents (e.g. alcohol, petrol or thinners) as these could damage the controls, casing or any markings and labels found on the device.

Keeping the external case clean

Never use volatile fluids near the device, as for example insect spray. Avoid letting the device come in contact with rubber or plastic products for longer periods of time. These could otherwise leave marks behind.

Transportation

Please retain the original box and the packaging material in case you need to transport or send the device out for maintenance at a later date. Please note that the device should be repacked in the original packaging. The box and packaging have been especially developed for this device in order to protect it during transport and against damage.

Retain this instruction manual for future reference and where required pass it along with the device if handed over to a third party. It contains important information on initial operation and handling.

Note

Contribute to a better environment by using a designated disposal system (e.g. Dual System in Germany) or recycling site for the disposal of packaging material.

Dispose of the device in such a way as is mentioned by the law or rules of your community.

Dear Customer!

Important Notice:



Please note that electrical and electronic devices must never be disposed of in regular household waste!

Consumers are legally obligated and responsible for the proper disposal of electronic and electrical devices by returning them to collection sites designated for the recycling of electrical and electronic equipment waste after the useful lifetime of a device has come to an end. For more information concerning collection sites and correct disposal, please contact your local authority or waste management company. The presence of the above symbol on a device, on its packaging or within the instruction manual indicates that this item must not be disposed of in normal unsorted municipal waste.

In doing so, you are fulfilling all recycling and disposal obligations and are optimizing and contributing to a better environment. These disposal regulations apply to battery/rechargeable battery disposal as well. Most batteries contain hazardous chemicals which can contaminate the environment and human health, if they are discarded in ordinary household waste. According to legislation, batteries are to be returned to the place of purchase, disposed of at designated recycling areas or disposal sites.

Trouble Shooting

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This product has been produced according to current standards of production and engineering. During the development it has proven to be reliable and working. Under some circumstances it may come to a malfunction. The reasons for this malfunction can be numerous.

Before calling our service center you should read the following tips and check the points mentioned.

General Problems

- › Restart the device.

No Sound / distortion

- › Check that all devices are on, correctly connected correctly adjusted and in good working order.
- › Check your volume control on all devices.

The IR-control does not work correctly

- › Are you using the remote control at a larger distance than 5 meters?
- › Check the remote control by holding it directly in front of the IR-eye of the device.
- › Remove all objects between the remote control and the device.
- › Check the correct polarity of the batteries in the remote control.
- › Change batteries

Buttons do not work (device or RC)

- › Switch the device off and on again. As an alternative, switch the device off, detach the power supply and switch it on again (The device may also not be functioning due to a stroke of lightning, static electricity or other external factors.).

No picture / distortion

- › Check the connection.
- › Check if the antenna has been moved or is covered by an item.
- › Strong rain, thick clouds or snow can disturb the connection.
- › Start channel search.

The CD/DVD is not detected

Check if the disc

- › is deformed, damaged or scratched.
- › is dirty.



Any repairs other than those mentioned above are to be carried out solely by an authorized technician.

Service

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If you should have questions or need assistance please contact your local dealer or our service center.

Hotline: (0 53 02) 8 06-450

Adress: x-services.eu gmbh
Serviceabteilung X4-TECH
Brackestraße 3
38159 Vechelde / Germany

Informational and updates
<http://www.x4-tech.de>

You will find original X4-TECH spare parts and accessories on the home pages of X4-TECH or under www.x-spares.de

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Version 1.0 – 12/2010