

## **usbLiNK3 AV-player**

### **USB-LINK3**

#### **Universal stand-alone Audio-video player for USB-Media**

##### **Product features**

- Playback of audio and video files from USB-media up to 2TB
- NTFS and FAT32 multi partition capable
- Support of all common Audio & Video formats (e.g.MP3, AVI, VOB, MOV, RMVB, JPG, FLV, MKV, H.264)
- Last position memory
- Controllable by IR-sensor and remote control
- Visualisation via ON-screen display
- Controllable and combinable by c.LOGiC, dvbLOGiC and V4
- Search in Audio + Video files during playback possible
- Scroll page by page possible in Audio + Video files

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## Legal Information

By law, watching moving pictures while driving is prohibited, the driver must not be distracted. We do not accept any liability for material damage or personal injury resulting, directly or indirectly, from installation or operation of this product. This product should only be used while standing or to display fixed menus or rear-view-camera video when the vehicle is moving, for example the MP3 menu for DVD upgrades.

## 1. Prior to installation

Read the manual prior to installation. Technical knowledge is necessary for installation. The place of installation must be free of moisture and away from heat sources.

### 1.1. Delivery contents

*Take down the SW-version and HW-version of the interface boxes, and store this manual for support purposes.*

**USB-box**  
**USBC-M597**  
HW \_\_\_\_\_ SW \_\_\_\_\_

**Remote control**  
**set**  
**C3-IRSET**



**Harness**  
**SP-DVBT 12**

### 1.2. Limitations

#### Limitations

##### *Last Position Memory (LPM)*

When connecting a medium to an Apple device, hidden files will be saved on the medium by the PC which avoid the LPM function (already happens with a short-time connection).

Mostly, a former apple connection ist the reason why the LPM mode is out of function. To reactivate the mode, the storage of the files on a Windows PC, formating the cache and afterwards the restoring of the files is required.

##### *Photo*

The edges of pictures might be missing when displaying a picture in "Photo mode".

## 2. Installation

### Audio-video output (RCA)

cable colour	assignment
● yellow	video-signal
● red	audio-signal right
● white	audio-signal left

### Connection for power supply

cable colour	assignment
● black	ground
● yellow	+12V permanent
● red	ACC
● blue	connection cable from IR-control cable SP-DVBT 12 to xLOGiC interfaces with device control (e.g. c.LOGiC)

## 3. LEDs

signal	Function
both LEDs are off	ACC off, usbLINK3 off
red LED is on	ACC +12V connected, usbLINK3 off
red and green are on	ACC +12V connected, usbLINK3 on

## 4. Operation

Before attempting to operate your remote control, install the batteries as described below:

1. Turn the remote control face down.
2. Press down on the ridged area of the battery cover and slide it off.
3. Insert the batteries obeying the polarity.
4. Slide the battery cover back into its position on the remote control.

### 4.1. Remote control operations

button	function
POWER	select power-on or stand-by
1,2,3-0	no function
SOURCE	no function
AUDIO	no function
ENTER	select the highlighted item
▲	up (+ previous file in menu movie/music/photo)
◀	left (+ scroll page by page in menu movie/music/photo)
▶	right (+ scroll page by page in menu movie/music/photo)
▼	down (+ next file in menu movie/music/photo)
OK	select the highlighted item
TV LIST	option menu TV-channel
HOME	select main menu
EXIT	one level back
MENU	select options menu (only in menu movie/music/photo)
◀◀	fast backward
▶▶	select play or pause
▶▶	fast forward
REC	delete file (in menu music); subtitle (in menu movie)
F1	previous file (only in menu movie/music/photo)
F2	volume down
F3	volume up
F4	next file (only in menu movie/music/photo)



## 4.2. usbLiNK3 in combination with xLOGiC interfaces

If the usbLiNK3 is connected to an xLOGiC input at an xLOGiC interface, the usbLiNK3 is automatically powered off/on when (de-)selected. The last playback position is saved.

**Exceptions:** C1-MFD1, C1-MFD2, C1/C2-LR, C1/C2-LR10, C4-LR12-NB

Manual use of the usbLiNK3's remote control power button is not recommended other than for rear-seat-entertainment. When switching the xLOGiC from usbLiNK3 to other sources, the usbLiNK3 will be automatically powered off while saving the last playback position, but can be powered back on for the use with rear-seat-entertainment by using the usbLiNK3 remote control.

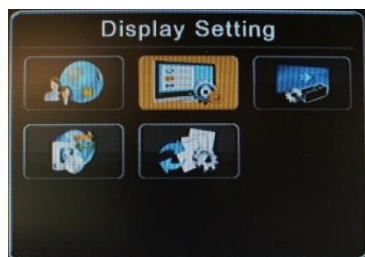
## 4.3. "System Setting" menu

At the "System Setting" menu it is possible to configure the settings. The [▲] and [▼] buttons will highlight the item, [◀] and [▶] buttons will change the adjustment and to set the setting, press [OK]. Leave out the menu by pressing the [EXIT] button.



### OSD Language

Select language. Choose between English and German and 24 more languages.



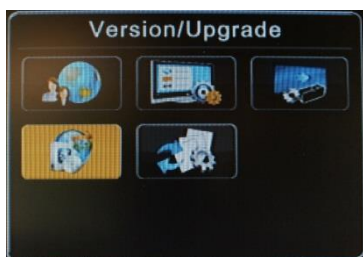
### Display Setting

Select display settings. Choose between e.g. output resolutions, hue, saturation, TV-system: PAL/NTSC.



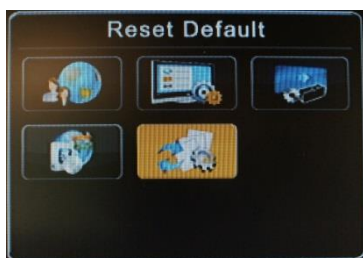
## **Monitor Port Setting**

No function.



## **Version/Upgrade**

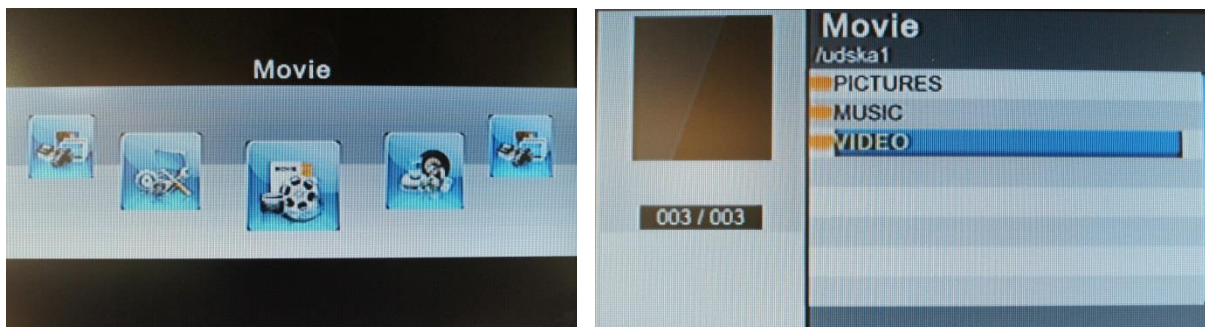
Display the hardware and software version and the possibility to update the usbLiNK3 by USB.



## **Reset default**

Reset of the factory settings.

## 4.4. "Movie" menu

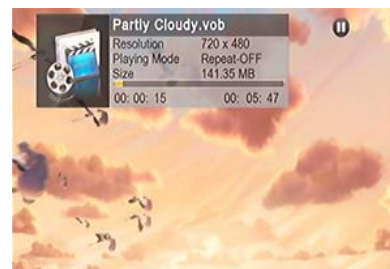


1. In menu mode, select "Movie".
2. Press the [OK] button to show all the stored movie files.
3. Press the [▲] and [▼] buttons to select a movie file and press the [OK] button to start the movie file.
4. Press the [▶||] button to pause or start.
5. Press the [HOME] button to leave out the menu item.

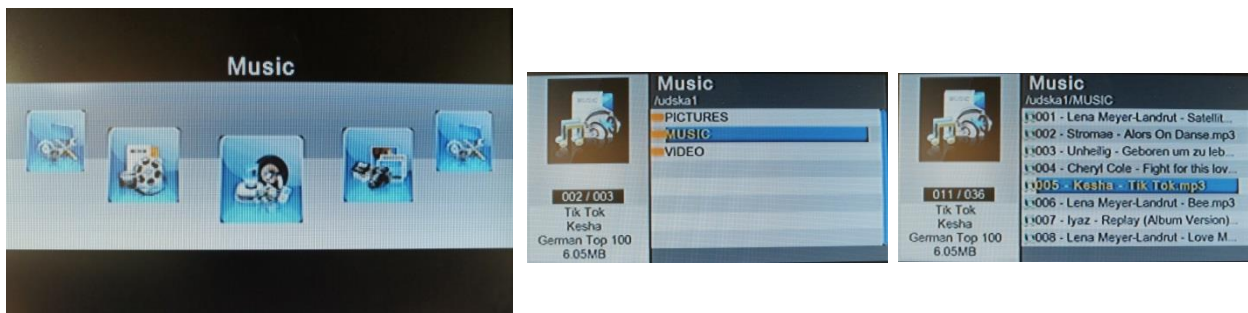
Press the [MENU] button while the movie is playing to get an options menu on the display. Some settings can be changed, e.g. playing mode, repeat mode, equalizer. Press the [MENU] button again to remove the OSD menu.



Press the [INFO] button while the movie is playing to get an OSD menu on the display with information to the stored movie. Press the [INFO] button again to remove the OSD menu.



## 4.5. "Music" menu

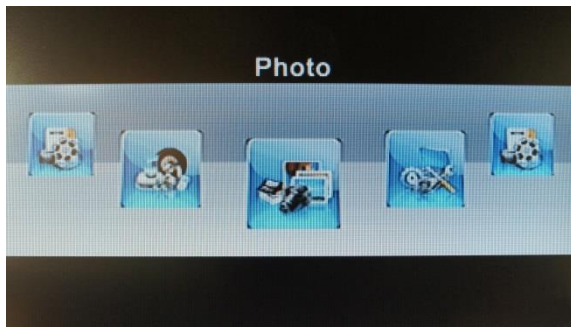


1. In menu mode, select "Music".
2. Press the [OK] button to show all the stored music files.
3. Press the [▲] and [▼] buttons to select a music file and press the [OK] button to start the music file.
4. Press the [▶||] button to pause or start.
5. Press the [HOME] button to leave out the menu item.

Press the [MENU] button while the music is playing to get an options menu on the display. Some settings can be changed, e.g. playing mode, repeat mode, equalizer. Press the [MENU] button again to remove the OSD menu.



## 4.6. "Photo" menu



1. In menu mode, select "Photo".
2. Press the [OK] button to show all the stored photos.
3. Press the [▲] and [▼] buttons to select a photo and press the [OK] button to display it. Slideshow will start automatically.
4. Press the [▶||] button to pause or start.
5. Press the [HOME] button to leave out the menu item.

Press the [MENU] button while watching photos to get an Options menu on the display. Some settings can be changed, e.g. playing mode, repeat mode, slideshow time. Press the [MENU] button again to remove the OSD menu.



Press [INFO] button while watching photos to get an OSD menu on the display with information to the stored photo. Press [INFO] button again to remove the OSD menu.

**Limitation:** The Edges of pictures might be missing when displaying a picture in "Photo mode".

## 5. Specifications

Operation voltage	10.5 – 14.8V
Stand-by power drain	<1mA
Operation power drain	<1000mA
Power consumption	<13W
Temperature range	-30°C to +80°C
Weight	290g
Measurements (box only) W x H x D	49 x 25 x 140 mm

## 6. Frequently asked questions

For any troubles which may occur, check the following table for a solution before requesting support from your vendor.

Symptome	Reason	Possible solution
No function	usbLiNK3 don't switch on, no LED on.	Check the Power cable and the connection on the usbLiNK3. Check if ACC+12V is fit on the usbLiNK3.
	usbLiNK3 don't switch on, red LED is on.	Check if the receiver from the remote control is correct on the usbLiNK3. Checks the battery of the remote control, if necessary change the battery.
	No signal on the monitor	Check the chinch cable and the connections on the monitor and the usbLiNK3, if necessary change the chinch cable.
	Monitor defect	Connect the monitor to another video source or the usbLiNK3 to another monitor and check the picture.
	No power	Check all cable are right installed
Media file may be not able to played	Wrong file format, file defect	Check if the usbLiNK3 supports the file format and if the file is ok.
Storage medium may not appear	Storage medium defect	Check the storage medium on another device.
	Wrong formatting of the storage medium	Check if the formatting of the storage medium is right. (FAT or NTFS)
	Storage medium need 2 power supply over USB	The usbLiNK3 is only compatible to storage mediums with one power supply over USB.
Picture is flickering/ position, size of the picture is wrong	Menu adjustment are wrong in the usbLiNK3	Check the picture adjustments in the menu from the usbLiNK3 and if necessary customizing it of the monitor.
	Adjustment from the monitor is wrong.	Check the adjustments in the menu from the monitor and if necessary customizing these.

## 7. Technical support

Please note that direct technical support is only available for products purchased directly from NavLinkz GmbH. For products bought from other sources, contact your vendor for technical support.

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