

## Operating Instructions



### **7" PHOTO DISPLAY PDJ700 / PDJ701 Version 1.1**



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## 1. Safety notes

### **Switch off immediately in case of smoke or odour development**

In the event of smoke or odour development, possibly originating from the PDJ700 / PDJ701 or its mains adapter, immediately switch off the device and unplug the mains adapter from mains.

### **Do not disassemble the device**

Do not disassemble the device or open the enclosure. In case the display or the enclosure is damaged after being dropped or due to other external influences, remove the mains adapter and contact your specialist dealer or JOBO customer service for repairs. Repairs may only be performed by specialised staff.

### **Use suitable cords only**

To operate the device, use only original JOBO cords included in the scope of delivery or available as an optional extra. JOBO is not liable for damages resulting from the use of other cords.

### **Avoid contact with water**

Never bring the PDJ700 / PDJ701 into contact with water. The device is not waterproof and may be seriously damaged by ingress of water. Should the enclosure or the display come into contact with a liquid, wipe dry with a soft, absorbent cloth. Also use a dry cloth for cleaning.

### **Never touch the power cable with moist or wet hands**

Never touch the power cable with moist or wet hands; danger of an electric shock. Furthermore, only handle the power cable by the sturdy part of the plug, provided for this purpose. Do not tug at the cord itself, since this may strip the insulation, causing fires or electric shock.

### **Avoid magnetic fields**

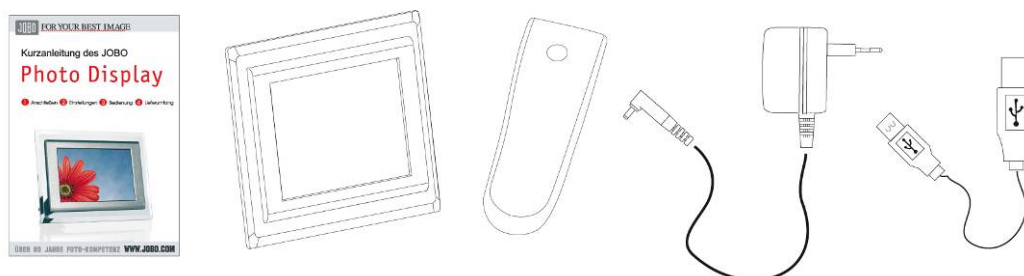
Avoid strong magnetic fields. Malfunctions or data loss may result from operating or storing the PDJ700 / PDJ701 in close proximity to electric motors or other equipment generating strong electromagnetic fields.

## 2. Scope of delivery

Congratulations on purchasing your new PDJ700 / PDJ701 Photo Display. Before using the device, please check that all items in the scope of delivery are present.

You will find all the cables and the stand in the accessory box at the front in the sales package.

- Photo Display PDJ700 / PDJ701
- Stand
- Mains cable
- USB cable
- Quick guide



### What your PDJ700 / PDJ701 Photo Display can do

The JOBO PDJ700 / PDJ701 Photo Display has a brilliant display with a resolution of 800 x 480 pixels. Up to 1 000 photos (PDJ701: 10.000 photo) with optimal screen resolution can be stored in the 128 MB (PDJ701: 1 GB) internal memory.

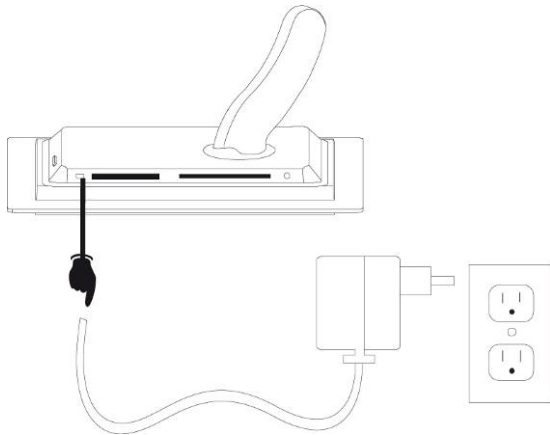
Pictures on CF, SD, MMC, MS or xD cards can also be displayed. A PC connection via the supplied USB cable is also possible. This enables you to copy pictures directly from the PC to the internal memory.

The JPG or BMP format is required to view the pictures.

## 3. Quick start

The JOBBO Photo Display is very simple to use. For a first, quick start-up, proceed as follows:

- connect the power cord to the PDJ700 / PDJ701 and plug into mains



- press "Power on" (on the right at the back of the enclosure) for 2 seconds
- a slide show with a few supplied test pictures starts automatically.

To view personal pictures from a memory card in next to no time, proceed as follows:

- insert the memory card in the appropriate slot at the back of the switched-off PDJ700 / PDJ701



- press "Power on" (on the right at the back of the enclosure) for 2 seconds
- a slide show of the photos in the memory card starts automatically

## 4. Operation

### 4.1 Initial start-up

#### Fit the stand

To set up the PDJ700 / PDJ701, insert the upper part of the stand into the appropriate opening at the back of the PDJ700 / PDJ701.

Turn the stand anticlockwise until it latches audibly.

#### Connect the mains cord

Connect the supplied power cord to the PDJ700 / PDJ701 and plug into the mains.

#### Switching on

The On / Off switch of the PDJ700 / PDJ701 is located at the back of the device on the bottom right.



To switch on or off, press the On / Off switch for approx. 2 seconds. The starting screen appears as the system starts up.



A picture show now starts automatically.

## 4.2 Control elements

The controls are located on top of the PDJ700 / PDJ701 enclosure, behind the acrylic glass frame. The keys are not visible from the front but can be operated blind, since they are of different shapes.



> to the right / next  
 < to the left / previous  
 ^ up  
 v down

OK Confirm  
 Home Menu

To facilitate operation, the function of the keys is also always displayed graphically at the top edge of the display.

By pressing the third key from the left, the menu bar can be activated whilst a slide show is running.

## 4.3 Start slide show

Pictures can be displayed from internal memory (128 MB) or from a memory card (CF, SD, xD card or memory stick).

### 4.3.1 Display slide show from internal memory

If no memory card is inserted, the PDJ700 / PDJ701 automatically starts a slide show of the pictures in its internal memory.

If a memory card is inserted, but pictures should be shown from internal memory, proceed as follows:

- Press "HOME" key (right)
- Press the v or ^ key until the menu item "Photo" is highlighted.
- Press the "OK" key. A list of storage media appears. All selectable media are highlighted. All other media are shown in black and white.
- To select the internal memory, press the v or ^ keys until the menu item "Internal memory" in the left hand column is highlighted.



Then press "OK" to confirm the selection.

- The menu to set up the slide show automatically appears, the menu item "Album" is highlighted.
- Press the > key. The first 8 pictures in the internal memory are automatically displayed.



- To activate the slide show, press the "Start" key for the slide show to start immediately.

## 4.3.2 Load a slide show from a memory card

The slots for the memory cards are located on the bottom black section of the PDJ700 / PDJ701 enclosure. Two slots are provided here:



Slot for CF card

Slot for SD, MMC, XD or MS card

Slot for USB cable connection

The PDJ700 / PDJ701 reads the data as soon as you insert a new memory card. This process is shown on the display. The pictures on this card are then automatically displayed.

If you want to view pictures from another connected storage medium, proceed as follows:

- Press "HOME" key (right)
- Press the v or ^ key until the menu item "Photo" is highlighted.
- Press the "OK" key. A list of possible storage media appears. All selectable media are highlighted. All other media are shown in black and white.
- To select a medium, press the v or ^ key until the required menu item in the left hand column is highlighted.
- Then press "OK" to confirm the selection.
- The menu to set up the slide show automatically appears, the menu item "Album" is highlighted.
- Press the > key. The first 8 pictures in this storage medium are automatically displayed. To activate the slide show, press the "Start" key.
- The slide show of the required medium starts immediately.
- **Stop the slide show of the memory card before removing the memory card from the PDJ700 / PDJ701. Otherwise the storage medium or certain picture data may be damaged.**

### 4.3.3 Configuring a slide show

You can configure the slide show according to your preferences. The following parameters can be set:

- a) Picture sequence (random or in sequence)
- b) Change-over effect
- c) Frequency (individual picture display time)
- d) Background colour

This is how it works:

#### a) Set picture sequence

- Press "HOME" key (right)
- Press the v or ^ key until the menu item "Photo" is highlighted.
- Press the "OK" key. A list of possible storage media appears.
- Press "OK" again.
- Press the v or ^ key until the menu item "Slide show sequence" in the left hand column is highlighted.
- Then press "OK" to confirm the selection.
  
- Press the v or ^ key until the required setting in the right hand column is highlighted. The currently set value has a grey background.



- "Sequential" in this case means that the pictures are shown sorted in sequence of storage location on the card, "Random" means that the pictures are shown in random sequence.
- Then press "OK" to confirm the selection.
- Press the "HOME" key to return to the main menu.
- To start the slide show, press "Start".

## b) Select change-over effect

- Press "HOME" key (right)
- Press the v or ^ key until the menu item "Photo" is highlighted.
- Press the "OK" key. A list of possible storage media appears.
- Press "OK".
- Press the v or ^ key until the menu item "Change-over effect" in the left hand column is highlighted.
- Then press "OK" to confirm the selection.
- Press the v or ^ key until the required setting in the right hand column is highlighted. The currently set value has a grey background.
- Then press "OK" to confirm the selection.
- Press the "HOME" key to return to the main menu.
- To start the slide show, press "Start".

## c) Set frequency (individual picture display time)

- Press "HOME" key (right)
- Press the v or ^ key until the menu item "Photo" is highlighted.
- Press "OK". A list of storage media appears.
- Press "OK" again.
- Press the v or ^ key until the menu item "Frequency" in the left hand column is highlighted.
- Then press "OK" to confirm the selection.
- Press the v or ^ key until the required setting in the right hand column is highlighted. The currently set value has a grey background.
- Then press "OK" to confirm the selection.
- Press the "HOME" key (right) to return to the main menu.
- To start the slide show, press "Start".

## d) Set the background colour

- Press "HOME" key (right)
- Press the v or ^ key until the menu item "Photo" is highlighted.
- Press "OK". A list of possible storage media appears.
- Then press "OK" again.
- Press the v or ^ key until the menu item "Background colour" in the left hand column is highlighted.
- Then press "OK" to confirm the selection.
- Press the v or ^ key until the required setting in the right hand column is highlighted. The currently set value has a grey background.
- Then press "OK" to confirm the selection.
- Press the "HOME" key to return to the main menu.
- To start the slide show, press "Start".

## 4.3.4 Pause slide show

To pause the slide show, proceed as follows:

- Press the third key from the left. A menu bar appears at the top of the screen.
- Press the "Pause" key.
- The slide show stops immediately.
- To continue the slide show, press "Start".
- To hide the menu bar, press the third key from the left.

## 4.3.5 Page to a specific picture

To select a particular picture in a slide show, proceed as follows:

- Press the third key from the left. A menu bar appears at the top of the screen.
- If you have only a few pictures on the relevant storage medium, select the required picture by pressing the < / > keys. The large icon view mode remains.
- To continue the slide show, press "Start".
- If there are many pictures on the relevant storage medium or if you want to select pictures from thumbnail view, press the "small icons" key.
- The slide show stops and the first 8 pictures of the current slide show appear in thumbnail view.
- Skip to the required picture by pressing the < / > keys.
- Press "Start" for a large view of this picture.
- If you want to retain this picture on the display, immediately press the same key (now with the "Pause" symbol) again.
- To continue the slide show, press "Start" again.

## 4.3.6 Display date and time

You can

- a) select the display without date and time
- b) display the time at the bottom right of the screen during the slide show
- c) display the date and time in full screen mode without slide show.

Start off by selecting the display mode. To do this, proceed as follows:

- Press "HOME" key (right)
- Press the v or ^ key until the menu item "Setup" is highlighted.
- Press the "OK" key. A list of adjustable values appears.
- Press the v or ^ key until the menu item "Time and date" in the left hand column is highlighted.



- Press the “OK” key (2<sup>nd</sup> key from right). The “Time”, “Date” and “Display time” menu items are now shown in the left hand column.
- Press the v or ^ key until the menu item “Photo” is highlighted.
- Press the “OK” key.



- The available options are now shown in the right hand column as follows:
  - **No time:** The time is never displayed.
  - **Full screen:** Date and time are displayed in full screen mode (instead of slide show).
  - **Slide show:** The time is displayed bottom right during the slide show.
  - **Both:** Depending on the setting, the time is either displayed in full screen mode or faded in at bottom right.
- Press the v or ^ key until the required setting is highlighted.
- Press the “OK” key.
- Press the < key twice.

If you have selected “**No time**” or “**Slide show**”, set-up is finished. If you would like to view the time and date in full screen mode, proceed with set-up as described above and select the option “**Full screen**” or “**Both**”. To do this, proceed as follows:

- Press the “HOME” key (right)
- Press the “Start” key.
- Press the “Pause” key.
- Press the “Time” key. Date and time appear in full screen mode.

To change to the slide show again, proceed as follows:

- Press the “HOME” key (right)
- Press the left key, “Start”.

If you want to change from full screen to single picture view, proceed as follows:

- Press the 2<sup>nd</sup> key from the right. The pictures are displayed in thumbnail view.
- Skip to the required picture by pressing the < / > keys.
- Press “Start” for a large view of this picture.
- If you want to retain this picture on the display, immediately press the same key (now with the “Pause” symbol) again.
- To continue with the slide show, press “Start”.

## 4.4 Copy pictures

Pictures can be copied from the memory card to internal memory and vice versa from internal memory to a memory card.

***Please note that the picture size will be optimised for display on the PDJ700 / PDJ701 when copying from a memory card to internal memory and that the picture size may be changed when copying from internal memory to another storage medium again.***

Proceed as follows to copy the pictures:

- Press the “HOME” key (right)
- Press the v or ^ key until the menu item “Photo” is highlighted.
- Press the “OK” key. A list of the available storage media is displayed.
- Use the v or ^ keys to select the storage medium from which the pictures are to be copied.
- Press > key twice. The thumbnail view of the pictures on the selected storage medium appears.
- You may now “***Copy individual pictures***” or “***Copy all pictures***”. Observe the following in all copying actions:
  - ***Don’t remove the memory card before the copy status display has disappeared. Otherwise, the memory card may be damaged or data may be lost.***
  - ***Ensure that the PDJ700 / PDJ701 power remains connected during the entire copying process. Otherwise, some pictures may not be copied. If the copying process was unsuccessful, the pictures on the target medium will show a question mark in thumbnail view.***

### ***Copying individual pictures***

To copy individual pictures, these must first be selected. To do this, use the “<”

and “>” keys until the desired picture appears in a light frame. Then press the “+/-“ key. A small + symbol appears at bottom right in the thumbnail view. Repeat this action until all the desired pictures are selected.



- To deselect a picture selected by mistake, press the “+/-“ key again. The +/- symbol disappears again.
- After all the pictures have been selected, press the “Thumbnail view” key. The “Copy to” item in the left hand column is now highlighted.



- Press the “OK” key.
- Select the storage medium to which you wish to copy the pictures, using the v or ^ key in the right hand column.
- Press the “OK” key. Whilst copying is in progress, the display will show how many pictures have been copied already.
- The pictures are stored on the storage medium in a separate folder called “Photo”.
- **Any existing pictures with the same file name will be overwritten.**

### **Copy all pictures**

To copy all the pictures on a storage medium, follow the first five steps described at the beginning of Chapter 4.4.

- Then press the “Data” key. The “Copy to” item in the left hand column is now highlighted.
- Press the v key once to highlight the menu item “Copy all to”.
- Press the “OK” key.
- Select the storage medium to which you wish to copy the pictures, in the right hand column.
- Press the “OK” key. You will be asked “Do you really want to copy all the pictures to the xx card?”
- Confirm by pressing “<” and “OK” or cancel the copying action by pressing only the “OK” key.
- Whilst copying is in progress, the display will show the percentage already copied. When the copying process is complete, “All pictures copied” will be displayed.
- The display then skips to the thumbnail view of the previously active source medium.
- The copied pictures are stored in a separate folder called “Photo” on the storage medium.
- **Any existing pictures with the same file name will be overwritten without warning.**

## 4.5 Delete pictures

You may delete pictures on the storage medium or in internal memory. To do this, proceed as follows:

- Press the “HOME” key (right)
- Press the v or ^ key until the menu item “Photo” is highlighted.
- Press the “OK” key. A list of the available storage media is displayed.
- Use the v or ^ keys to select the storage medium on which the pictures are to be deleted.
- Press the “>” key twice. The thumbnail view of the pictures on the selected storage medium appears.
- You may now **“Delete individual pictures”** or **“Delete all pictures”**. Observe the following in all deleting actions:
- **Do not remove the memory card before the deleting action has been completed. Otherwise, the memory card may be damaged or some data may remain on the storage medium.**
- **Ensure that the PDJ700 / PDJ701 power remains connected during the entire deleting process. Otherwise, some pictures may not be deleted.**

### **Delete individual pictures**

To delete individual pictures only, these must first be selected. To do this, use the “<” and “>” keys until the desired picture appears in a light frame. Then press the “+/-” key. A small +/- symbol appears at bottom right in the thumbnail view. Repeat this action until all the pictures are selected that you wish to delete.



- To deselect a picture selected by mistake, press the “+/-“ key again. The +/- symbol disappears again.
- After all the pictures have been selected, *press the “Thumbnail view” key*. The “Copy to” item in the left hand column is now highlighted.



- Press the v or ^ key until the menu item “Delete” is highlighted.
- Press the “OK” key.
- On the display, you will be asked whether you really want to delete.
- Press “OK” if you do not actually want to delete the picture. Press the < key until “YES” is highlighted, if you wish to delete the picture.
- Press the “OK” key. The display will show how many pictures are deleted for as long as the deleting action is in progress.
- The display then skips to the thumbnail view of the previously active source medium.

### **Delete all pictures**

To delete all the pictures on a storage medium, follow the five steps described at the beginning of Chapter 4.5.

- Then press the “Thumbnail view” key. The “Copy to” item in the left hand column is now highlighted.

- Press the v key once for the background colour of the menu item “Delete all” to change.
- Press the “OK” key.
- Select the storage medium on which you wish to delete in the right hand column.
- Press the “OK” key. You will be asked “Do you really want to delete all the pictures?”
- Confirm by pressing the “<” key and “OK” or press only “OK” to cancel the deleting action.
- Whilst deleting is in progress, the display will show the percentage already deleted. When the deleting action is completed, the display will show “All pictures deleted”.

## 4.6 Edit pictures

The PDJ700 / PDJ701 has the following picture editing functions:

- a) Show pictures in monochrome
- b) Rotate pictures

To do this, proceed as follows:

### a) Show pictures in monochrome

- Press the “HOME” key (right)
- Press the v or ^ key until the menu item “Photo” is highlighted.
- Press the “OK” key. A list of the available storage media is displayed.
- Use the v or ^ key to select the storage medium with the pictures to be edited.
- Press the “>” key twice. The thumbnail view of the pictures on the selected storage medium appears.
- Now select the pictures you want to show in monochrome. To do this, use the “<” and “>” keys until the desired picture appears in a light frame. Then press the “+/-” key. A small +/- symbol appears at bottom right in the thumbnail view. Repeat this action until all the pictures are selected that you wish to edit.
- To deselect a picture selected by mistake, press the “+/-” key again. The +/- symbol disappears again.
- After all the pictures have been selected, press the “Thumbnail view” key. The “Copy to” item in the left hand column is now highlighted.
- Press the v or ^ key until the menu item “Effects” is highlighted.
- Press the “OK” key.
- The options “No” and “Monochrome” appear in the right hand column. Press the v or ^ key until the required option is highlighted.
- Press the “OK” key to edit the selected pictures.
- The display then changes to thumbnail view and shows the pictures in monochrome.
- You may reverse this setting by selecting the pictures again and selecting the “No” option in the menu item “Effects”.

**b) Rotate pictures**

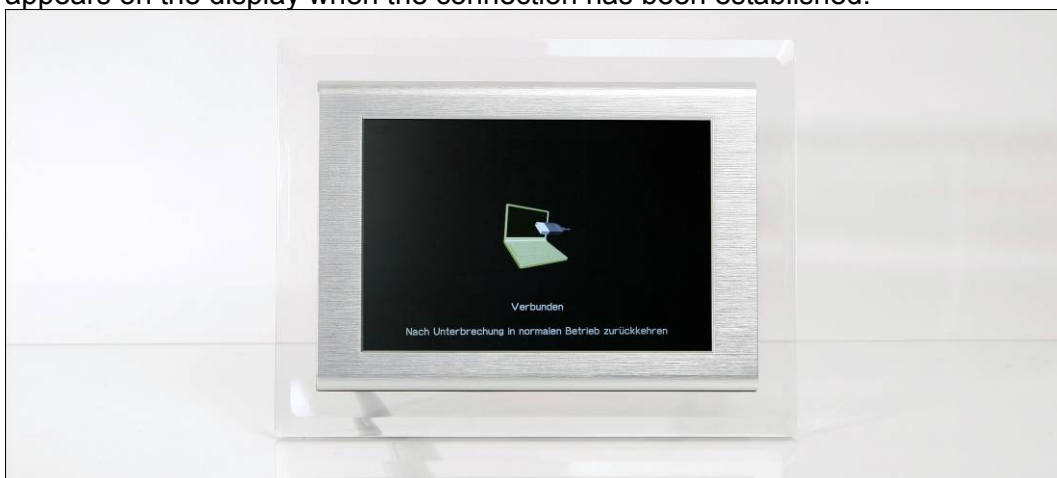
- Press the "HOME" key (right)
- Press the v or ^ key until the menu item "Photo" is highlighted.
- Press the "OK" key. A list of the available storage media is displayed.
- Use the v or ^ key to select the storage medium with the pictures to be rotated.
- Press the ">" key twice. The thumbnail view of the pictures on the selected storage medium appears.
- Now select the pictures to be rotated. To do this, use the "<" and ">" keys until the desired picture appears in a light frame. Then press the "+/-" key. A small +/- symbol appears at bottom right in the thumbnail view. Repeat this action until all the pictures are selected that you wish to rotate.
- To deselect a picture selected by mistake, press the "+/-" key again. The +/- symbol disappears again.
- After all the pictures have been selected, press the "Thumbnail view" key. The "Copy to" item in the left hand column is now highlighted.
- Press the v or ^ key until the menu item "Rotate" is highlighted.
- Press the "OK" key.
- The following options are shown in the right hand column:
  - 0° (picture remains unchanged)
  - 90° (picture is rotated 90° clockwise)
  - 180° (picture is displayed upside down)
  - 270° (picture is rotated 90° anti-clockwise)
- Use the v or ^ key to select the desired option.
- Press the "OK" key to rotate the selected picture(s).
- The display then changes to thumbnail view and shows the selected pictures rotated.
- You may reverse this setting by selecting the pictures again and selecting the opposite option in the menu item "Rotate".

## 4.7 Copy pictures from a PC

The PDJ700 / PDJ701 can easily be connected to any computer. Use the supplied USB cable for this purpose and plug into the corresponding USB port at bottom right.



Switch on your PC and connect the USB cable to your PC. The following picture appears on the display when the connection has been established:



Launch a data management program on your PC (e.g. File manager). Two directories are displayed:

- System
- Photo

The “System” directory contains program data. Do not change any of these files. Changing these files may cause errors.

The “Photo” directory contains the picture data in internal memory. If you would like to copy additional pictures from the PC to internal memory, copy these into the “Photo” directory. Ensure that the pictures are in JPG or BMP format.

You may also rename or delete this directory and create new directories with pictures. The PDJ700 / PDJ701 will nevertheless always interpret these pictures as an album and will not show any sub-directories.

Unplug the USB cable from the PC once all the pictures have been copied to internal memory or deleted.

The message “Automatically check and copy” will then be displayed. The device now starts to copy the pictures to internal memory. The display shows the total number of pictures to be copied and the percentage of copies completed. Depending on the number of pictures and the size of the original data, this process may take several minutes, because the PDJ700 / PDJ701 modifies every picture whilst copying – to ensure that the size is optimal for the picture show.

After the copying process is complete, the message “Completed” appears on the display and the device returns to the Home menu.

## **4.8 General presentation, setting language and clock**

All the display options described below may be changed via the “Settings” menu.

### **4.8.1 Adjust brightness**

- Press the “HOME” key (right)
- Press the v or ^ key until the menu item “Settings” is highlighted.
- Press the “OK” key
- Press the v or ^ key until the menu item “Brightness” in the left hand column is highlighted. The currently set value for the brightness is highlighted in the right hand column.
- Press the “OK” key to change this value.
- Press the v or ^ key until the display has the desired brightness. Press the “OK” key once the desired brightness has been selected.
- The menu item “Brightness” is now highlighted again.

### **4.8.2 Set language**

- Press the “HOME” key (right)
- Press the v or ^ key so that the menu item “Settings” is highlighted.
- Press the “OK” key.
- Press the v or ^ key until the menu item “Language” in the left hand column is highlighted. The currently set language is highlighted in the right hand column.
- Press the “OK” key to change the language.
- Press the v or ^ key until the required language is highlighted. To select this language, press the “OK” key.
- The menu item “Language” is now highlighted again.

## 4.8.3 Set alarm clock

- Press the “HOME” key (right)
- Press the v or ^ key so that the menu item “Settings” is highlighted.
- Press the “OK” key
- Press the v or ^ key until the menu item “Alarm clock” in the left hand column is highlighted.
- Press “OK” to set the alarm. The menu item “Set” is now highlighted.
- Press the “OK” key again. The alarm time is now shown in the display. To change the hour, press the v or ^ key until the desired hour is displayed. By pressing the > key, the menu for setting the minutes is shown. To change the minutes, press the v or ^ key until the desired minute is displayed.
- Once the desired alarm time has been set, confirm by pressing “OK”. Simply press the “Arrow up” key to cancel the setup procedure.
- To activate the alarm clock, first press the v or ^ key until the “Switch on” option is highlighted. Then press the “OK” key.
- This automatically activates the left hand menu again.
- To de-activate the alarm clock, first press the v or ^ key until the “Switch off” option is highlighted. Then press the “OK” key.
- This automatically activates the left hand menu again.

## 4.8.4 Set the date and time

- Press the “HOME” key (right)
- Press the v or ^ key until the menu item “Settings” is highlighted.
- Press the “OK” key.
- Press the v or ^ key until the menu item “Time and date” in the left hand column is highlighted.
- Press the “OK” key to change settings here. The “Time”, “Date” and “Display time” menu items are now shown in the left hand column.
- The menu item “Time” is highlighted. The currently set time is shown in the right hand column.
- Press the “OK” key until the hour is highlighted. To change the hour, press the v or ^ key until the desired hour is displayed. By pressing the > key, the menu for setting the minutes is shown. To change the minutes, press the v or ^ key until the desired minutes are displayed.
- Once the proper time has been set, confirm by pressing “OK”. Simply press the “Arrow up” key to cancel the setup procedure.
- To change the date, proceed analogously.
- Press the < key (on left) twice once the correct time and date have been set.

## 4.8.5 Set date display

- Press the “HOME” key (right)
- Press the v or ^ key so that the menu item “Settings” is highlighted.
- Press the “OK” key.
- Press the v or ^ key until the menu item “Time and date” in the left hand column is highlighted.
- Press “OK” to change settings here. The “Time”, “Date” and “Display time” menu items are now shown in the left hand column.
- Press the v or ^ keys until the menu item “Show time” in the left hand column

- is highlighted.
- Press the “OK” key.
- The available options are now shown in the right hand column as follows:
  - **No time:** The time is never displayed.
  - **Full screen:** Date and time are displayed in full screen mode (instead of slide show).
  - **Slide show:** The time is displayed bottom right during the slide show.
  - **Both:** Depending on the setting, the time is either displayed in full screen mode or shown at bottom right.
- Press the v or ^ key until the required setting is highlighted.
- Press the “OK” key.
- Press the < key twice.

## 4.8.6 Set the timer

The PDJ700 / PDJ701 can switch itself on and off automatically. Both functions must not necessarily be activated, however. The advantage: In this way the PDJ700 / PDJ701 can, for instance, be switched on manually but switched off automatically. Activation of the automatic modes and setting of the desired clock time is done separately.

- Press the “HOME” key (right)
- Press the v or ^ key so that the menu item “Settings” is highlighted.
- Press the “OK” key.
- Press the v or ^ keys until the menu item “Auto On / Off” in the left hand column is highlighted. The options “Set On / Off”, “Auto Off” and “Auto On” are shown in the right hand column.
- Press the “OK” key. The menu items “Set On / Off”, “Auto Off” and “Auto On” are now in the left hand column.
- To activate automatic switching on or off, press the v or ^ key until “Set On / Off” is highlighted.
- Press the “OK” key.
- Press the v or ^ key until the required “Switch Off” or “Switch On” option is highlighted.
- Confirm with “OK”. Menu item “Set On / Off” is then active again.
- To set the clock time for automatic switching on or off, press the v or ^ key until the required “Auto Off” or “Auto On” option is highlighted.
- Press the “OK” key.
- The time is displayed in the right hand column. To change the hour, press the v or ^ key until the desired hour is displayed. By pressing the > key, the menu for setting the minutes is shown. To change the minutes, press the v or ^ key until the desired minutes are displayed.
- Once the proper time has been set, confirm by pressing “OK”. Simply press the “Arrow up” key to cancel the setup procedure.
- Press the < key twice once the times have been set.

## 4.8.7 Reset to factory settings

The PDJ700 / PDJ701 can be reset to the original settings at any time. This

resets all settings (time, sound, alarm clock, etc.) to the values set in the factory. To do this, proceed as follows:

- Press the "HOME" key (right)
- Press the v or ^ key so that the menu item "Settings" is highlighted.
- Press the "OK" key.
- Press the v or ^ keys until the menu item "Default" in the left hand column is highlighted. The options "Yes" and "No" are shown in the right hand column.
- Press the "OK" key.
- Press the v or ^ key until the required option is highlighted.
- You are then prompted: "Would you like to re-set to default settings?"
- Confirm by pressing "<" and "OK" or cancel the action by pressing only the "OK" key.
- Press the < key twice to return to the Start menu.

## 4.8.8 Setting sounds

The PDJ700 / PDJ701 is set in the factory to produce a sound each time a key is pressed. To mute this sound, proceed as follows:

- Press the "HOME" key (right)
- Press the v or ^ key so that the menu item "Settings" is highlighted.
- Press the "OK" key.
- Press the v or ^ keys until the menu item "Sounds" is highlighted in the left hand column. The options "Switch On" and "Switch Off" appear in the right hand column.
- Press the "OK" key.
- Press the v or ^ key until the required option is highlighted.
- Press the "OK" key. The sound is now switched on or off.
- Press the < key twice to return to the Start menu.

## 4.9 Query status information

The status display shows the PDJ700 / PDJ701 firmware version and the free memory internal and on the plugged in storage cards. Proceed as follows to view the status information:

- Press the "HOME" key (right)
- Press the v or ^ key so that the menu item "Settings" is highlighted.
- Press the "OK" key.
- Press the v or ^ keys until the menu item "Status" is highlighted in the left hand column.
- The desired information is shown in the right hand column.
- Press the < key once to return to the Start menu.

#### **4.10 Update firmware**

You may download updated firmware from the JOBO website ([www.jobo.com](http://www.jobo.com)). Proceed as follows to update the firmware on the PDJ700 / PDJ701:

- First copy the unzipped firmware onto a memory card that is recognised by the PDJ700 / PDJ701.
- The device automatically detects the new firmware on the card and then updates the PDJ700 / PDJ701 firmware. Do not interrupt the power supply during the update process.
- A message regarding the power supply is displayed for as long as the update is in progress.
- The "Finished" message is displayed for about one second after the update is complete.
- Remove the memory card.
- The system restarts automatically to load the new firmware.
- This completes the update.

## 5. Notes on caring for your JOBO Photo Display

### ***Avoid moisture and water***

The photo display can be damaged by storing and operating in very high humidity or by ingress of water. The device is not waterproof.

### ***Cleaning***

Use only dry, soft cloths to remove dust from your PDJ700 / PDJ701. Do not use cleaning agents such as soap or other agents.

## 6. Frequently asked questions

### **Is the LCD a touch screen display?**

No, the LCD is not a touch screen. It is operated via keys on the back of the device.

### **Can I use the PDJ700 / PDJ701 as safe storage for my photos?**

No, the PDJ700 / PDJ701 is not suited as a storage medium because the pictures are automatically converted to optimal picture size for the device when copying to internal memory. This process is not reversible.

### **Why are the pictures converted to a different size when copying?**

The LCD of the PDJ700 / PDJ701 has a resolution of 800 x 480 pixels. The digital pictures of modern cameras generally have a significantly higher resolution (e.g. 1600 x 1200 pixels), necessary for printing or copying. The higher the resolution, the more storage space is required for each picture. To save as many pictures as possible on internal memory and to enable fast changing of pictures, it is advantageous to keep the storage demand as low as possible. This is why the picture size is matched to a display of 800 x 400 pixels maximum when copying to internal memory.

### **Does changing the picture size affect picture quality?**

No, on the contrary. Matching the picture size to the resolution of the LCD guarantees optimal image quality and rendering of your pictures.

### **It takes so long to copy the pictures. Can I speed up this process?**

Yes, if you first convert the pictures to a suitable size for the PDJ700 / PDJ701. The FastStone Photo Resizer is the ideal tool for this purpose, available as a free download on the JOBO website ([www.jobo.com](http://www.jobo.com) -> Service). With this program, you can optimise the pictures on your PC for display on the PDJ700 / PDJ701. This generally reduces the file size significantly and speeds up the copying process.

### **How can I be sure that the pictures have been saved on the device after copying?**

The pictures were copied if the message "Photos copied" appears on the display. As a control, you may remove the memory card and view the pictures on the display.

**Can I alternate between several slide shows by using different memory cards?**

Yes, the Photo Display shows the slide show of the pictures on the specific memory card.

**Can I delete pictures from the memory card using the Photo Display?**

Yes, you can use Photo Display to delete pictures from storage media.

**Can I use Photo Display to print pictures?**

No, Photo Display does not support direct printing of the pictures.

## 7. Troubleshooting

**The device does not switch on**

Check whether the mains adapter is properly plugged into mains and connected to the PDJ700 / PDJ701.

**I cannot copy any more pictures to internal memory.**

Internal memory may be full. Check the storage use (-> see *Chapter 4.9, Status display*). There must be more free storage space than the file size of the picture you wish to copy. If this is not the case, look at the pictures from the memory card or delete other pictures from internal memory (-> see *Chapter 4.5, Delete pictures*)

**Some pictures are not shown on the Photo Display. The thumbnail view shows a yellow question mark instead.**

Check whether the pictures are actually in the JPG or BMP format – the PDJ700 / PDJ701 can display and evaluate only these picture formats. If this is the case, you need to convert the pictures to JPG format on a PC, using a suitable graphics processing program, to render them suitable for viewing on the PDJ700 / PDJ701.



## 8. Technical specifications

Picture/Display		
Screen size	7" inch	17.78 cm
Effective display area in mm	(W) 137.16 mm	(H) 91.44 mm
Number of colours	26.2000	
Resolution of the display area	720 x 480	
Aspect ratio	3:2	
Total resolution of the screen	800x480	
Viewing angle	@ C/R > 10, 120° (H) / 110° (V)	
# $\theta_L$ $\Phi=180^\circ$ (9 o'clock)	min. = 60	typical = 70
# $\theta_R$ $\Phi=0^\circ$ (3 o'clock)	min. = 60	typical = 70
# $\theta_T$ $\Phi=90^\circ$ (12 o'clock)	min. = 40	typical = 50
# $\theta_B$ $\Phi=270^\circ$ (6 o'clock)	min. = 60	typical = 70
Life expectancy of the screen at 50% brightness	20 000 hours	
Pixel density	133 ppi	
Dot pitch	(W) 0.0635	(H) 0.1905 mm
Contrast ratio (CR)	min. = 400:1	typical = 500:1
Luminance (L)	min. = 250	typical = 300
Luminance uniformity (YU)	min. = 70	typical = 75

I/O ports	
USB 2.0 port	1 x to PC/Mac
USB OTG port	No
Built-in card slots	2
Audio output	No
TV output	No

Storage and media	
Supported memory card types	Compact Flash type I, Secure Digital, Secure Digital SDHC, Multimedia Card, xD card, Memory Stick, Memory Stick Pro
Built-in storage	1 GB internal Nand Flash with PDJ701 128 MB with PDJ700 / PDJ701
Type of built-in storage	SLC Samsung
Supported picture formats	JPG, BMP
Maximum picture size	Up to 10MB JPEG files
Max. megapixels of photos	Up to 13 megapixels

Power	
Power consumption (system on)	4.9 W
Internal battery	Yes, with PDJ701 – 1 500mAh
Battery charging time	2.5 hours
Battery life between charges (slide show on)	Approx. 2 hours
Mains adapter	5V / 2.0A
Length of mains adapter cord	150 cm

Ambient temperature	
Operating temperature	5° ~ 45°
Humidity (operation)	below 80% (no condensation)
Storage temperature	-10°~60°
Storage humidity	below 80% (no condensation)

## Service and Support

Please contact our Technical Service Department should you have any questions about our products or require assistance.

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