

Instruction manual GIGA mini

Mobile photo hard drive incl. 20GB or 40 GB hard disc.

For digital photographer GIGA mini is one of the most innovative and economical solution for solving the problem of having not enough storage space.

Please read instructions carefully before first use of your GIGA mini.

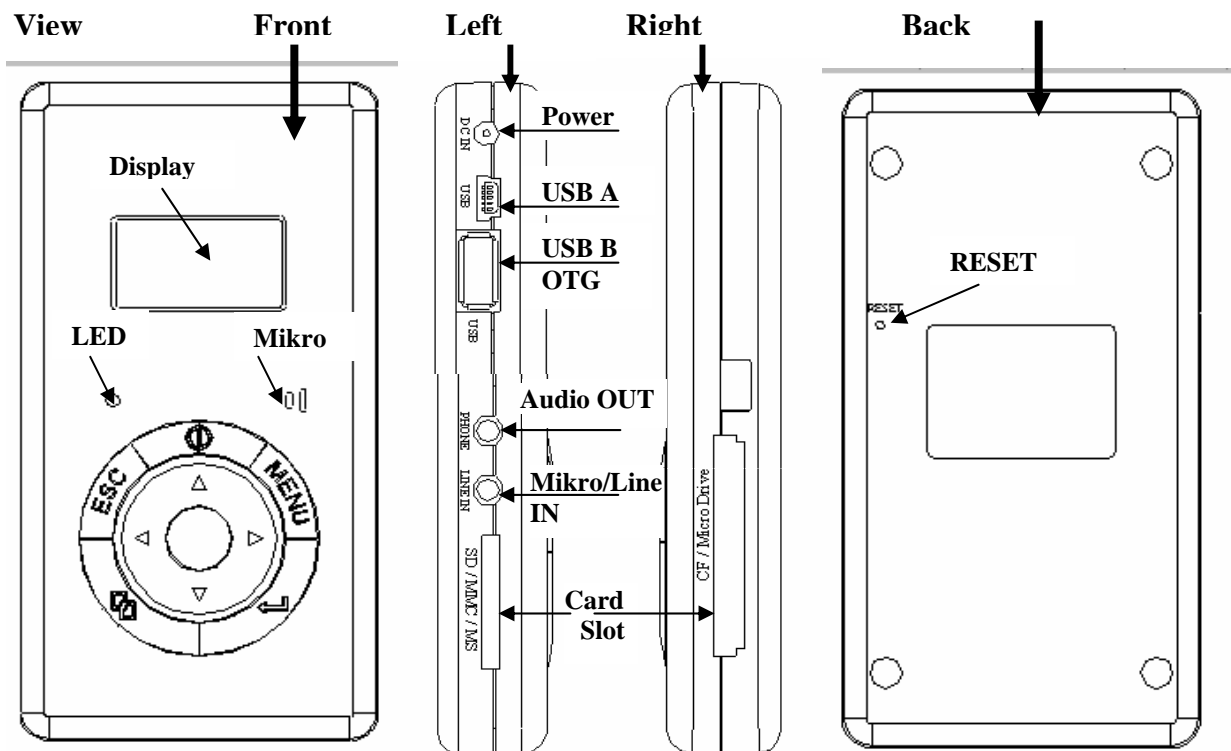


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1. Content

- GIGA mini with 20/40GB HDD
- AC power adapter
- Lithium Ion battery
- USB cable
- Driver CD
- Instruction Manual
- Earphones

2. Exterior structure and use



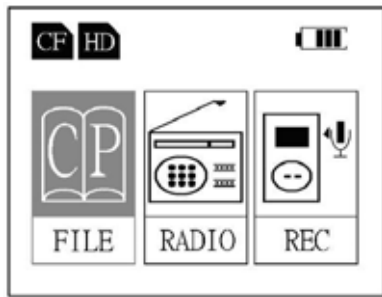
3. Function

- Φ** - Switches device on/off
- MENÜ** - Menu for MP3 and Recording Function
- ESC** - back to last selected menu
- fast copy /function
- ENTER
- chose menu up/down
- Volume control up/down (special functionality in submenu)

Connections/Slots

- Power** - Power Socket
- USB A** - USB connection to PC/Mac
- USB B** - USB connection to camera OTG *
- Mikro** - Mikrophon Line in
- Line IN** - Line in for external sound
- Audio OUT** - Earphone/ Line OUT
- Slot L** - Slot for SD/MM/MS/xD
- Slot R** - Slot for CF/Mikro Drive

4. Displaying symbol of the main menu



- FILE** - File management
- RADIO** - FM Radio
- REC** - Recording Function



Symbol HDD - shows activated hard

disk



Symbol CF-card - shows inserted flash memory (CF,SD,MS,SM)

Socket

Symbol charging battery - shows working AC power adapter



Symbol Battery - shows battery status – maximum 4 bars



Symbol **FILE** - Enter the data management menu (files and MP3)



Symbol **Radio**- Enter the radio function



Symbol **REC** - Enter the recording function

5. System Support

WIN 98SE / 2000-SP3/ ME / XP-SP1 /for MAC 9.0 – 9.6; OS X

6. Supported flash cards

CF I, II, Micro Drive, SM, SD, MMC, MS ,MS-Pro, MS-Duo-Pro (XD with adapter)

7. How to use flash cards in the different slots

Left Slot

- SD/MM card - golden contacts above
- MS card - golden contacts above
- XD card - golden contacts above

Right Slot


- CF card - Printed side above

Micro Drive - printed side underneath

Note

JOBBO gives no warranty for misuse of flash cards and so damaged slots.

8. Charging the battery

- Der Akku benötigt normal zur vollständigen Ladung ca. 2 – 3 Stunden.
- - battery needs 2-3 hours to be fully charged.
- before first use, battery should be charged for 3 hours.
- for charging GIGA mini put in AC power adapter in the power socket and connect with power.
You can use the AC adapter for 100 to 240 V.
- while charging battery the red LED is on, left to display.
- battery charging is finished, when LED is changing from red to green.
- when power adapter is connected, a battery symbol is displayed next to .
- with full charge of battery you can:
download about 5 GB data.
listen to about 13 to 15 hours of MP3.

9. Connecting AC power adapter

GIGA mini can be connected with supplied AC power adapter for usage or for charging the battery. The power socket is based on the upper side of the device.

Warning!

Never use another power adapter for GIGA mini even when it seems to work with it. Using wrong power adapters can destroy the GIGA mini!

10. Switch on/off GIGA mini

- Press **Φ** button – display turns to cool blue and shows "**Jobbo - For your best Image**" claim for 2 seconds.
After that the main menu is displayed - "**FILE, RADIO, REC**".
- to switch off, press **Φ**.
- For saving energy the colour backlight of the display is switched off after 10 seconds, and the whole device is switched off after 30 seconds when not in use.

Quick guide GIGA mini

11. Short instructions

Download from Flash Card

- switch on GIGA mini
- Insert flash card
- Start fast copie
- Transfer succesful?
- Transfer failed ?

Φ Button

☐ Button

Display shows → **OK**

Display shows → **NG**

Warning – save flash card before reformat !



Data management (Picture- or MP3 files)

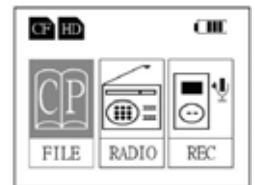
- switch on GIGA mini
- select file menu
- select data source
- select file

Φ Button

▶ or ◀

ESC → ▶ or ◀ → ↵

↵ → ▶ or ◀ → ↵



Manage data source

- switch on GIGA mini
- select **FILE** menu
- select data source
- select operation
- execute

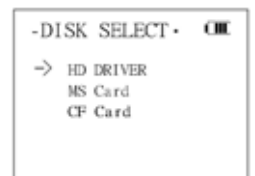
Φ Button

▶ or ◀

ESC → ▶ ◀ ↔ ☐ Button ↵

▶ or ◀

↵



MP3 Funktion

- switch on GIGA mini
- select **FILE** menu
- select data source
- select MP3
- change settings
- volume control

Φ Button

▶ or ◀

ESC → ▶ or ◀ → ↵

↵ → ▶ or ◀ → ↵

MENU Button

▲ ▼



Radio function

- switch on GIGA mini
- select **RADIO** menu
- switch on radio
- select channel/station
- volume control
- search for channel

Φ Button

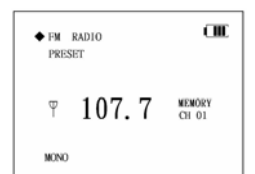
▶ or ◀

↵

▶ or ◀

▲ ▼

☐ Button



Recording function

- switch on GIGA mini
- select **REC menu** /
- start **REC**
- change settings
- Mikro/Line In
- start recording

Φ Button

▶ or ◀

↶

MENU Button

connect

↶

**12. Connection to Computer****Important Notice!**

Before use of GIGA mini please test connection to computer first.

- **Never connect the GIGA mini via USB HUB.**
- **Always use a direct USB connection to Computer to avoid malfunctions.**

USB A

When GIGA is connected via **USB A** to PC/Mac, the shown symbol is displayed. All buttons are now inactiv.

***USB B**

Connection **USB B** supports **OTG function**, this means you can connect directly to camera, if your camera supports OTG.

12.1 WIN XP-SP1 / ME / 2000-SP3

- GIGA mini installs itself on PC (plug & play).
- close and save all running programs first
- USB connection between GIGA mini and PC with USB cable should be installed.
- Switch on GIGA mini via **ON/OFF** button.
- WIN XP will install drivers automatically for GIGA mini.

12.2 Managing GIGA mini from PC

- Open My Computer.
- 4 different disk drives will be displayed on the desktop.
- The 1. disk drive is the external hard drive of GIGA mini.
- The other disk drives with successive letters are the flash card slots of GIGA mini, from which you can read/write directly on/from the flash cards like a reader/writer.

Important notice

Never disconnect USB connection between GIGA mini and computer while not having selected the disconnection function on the computer. Disconnecting while processing can cause failure of data.

12.3 WIN 98-SE

Please install drivers as described in the following steps.

- Please insert driver CD into the drive of computer and select folder „WIN“.
- Select „**setup.exe**“ in the next folder.
- Press „**enter**“ to continue.
- Confirm next step with „**OK**“ – drivers are completely installed.

- Shut down computer and reboot..

13. MAC OS X

13.1 Mac 10.1. and up

Important Notice

Never copy files back on GIGA mini which have names with special symbols or more than 128 letters. THIS WILL CAUSE FAILURE OF DATA.

- GIGA mini is compatible with all MAC OS X systems via plug & play.
- Please close and save all current programs on Mac before using device.
- Connect GIGA mini with AC power adapter (do not switch on GIGA mini).
- Connect GIGA mini and MAC via USB cable.
- Switch on GIGA mini using ON/OFF button.
- After a short while desktop shows GIGA mini as „**UNTITLED**“.
- After selecting folder „**UNTITLED**“ connection between devices via USB is ready.
- Desktop shows disk drives only when flash card is inserted.
- Disconnect devices while putting „**UNTITLED**“ folder in the recycle bin.

13.2 MAC (9.0 - 9.6) – [special driver required per download from www.jobo.com](http://www.jobo.com)


Important notice

Never copy files back on GIGA mini which have names with special symbols or more than 128 letters. THIS WILL CAUSE DATA FAILURE.

- Down load driver from www.jobo.com to your PC.
- Open downloaded folder „**MAC**“ on your PC.
- Select „**CHRWF2_200F/IMGSIT.HQX**“ and save on HD.
- Desktop shows symbol „**CHRW05F62-2.0**“ – **please select.**
- You will find further instructions in „**READ ME**“ folder.
- For driver installation select „**INSTALLER**“ and follow the instructions.
- After installation close down the system.
- Connect GIGA mini and AC adapter and put adapter in the power socket.
- Connect GIGA mini and Mac via USB cable.
- Switch on GIGA mini.
- Disconnect devices while putting „**UNTITLED**“ folder in the recycle bin.

14. Download from Flash Card (without PC)

Insert flash card in the right card slot. See picture in description page 7 for details !

- Insert cards carefully as described!
- Insert flash card while device is switched off .
- Switch on Giga mini and display shows symbol of inserted flahs card in the left upper corner (**CF,SD,MS,SM**) and activated **FILE** management.
- Press  button to start datatransfer, the symbols will be shown as followed:

Dislay 1

COPYING (CF ->HD)

All disc to HD
Please wait
Disc Initialing

Display 2

COPYING - (CF ->HD) (ransfer to HDD)
Copied Dir - 0XX (number of folder)
Copied File - 0XX (number of files)
Copying XX% (processing in % -per file)

Display 3

COPYING - (OK) (confirmation of transfer)
Copied Dir - 0XX (number of copied folder)
Copied File - 0XX (number of copied files)
Enter -> (SURE) (back to main menu)

- Reformat flash card in you camera.
- All data will be copied on Giga mini 1:1, so that the device is able to save all kind of data - even RAW formats of all cameras, all Mac and PC files etc.

Verify: This feature is available after running a firmware upgrade under www.job0.com. The verify function compares the file size of the copied data with the data from the source to render maximum security.

14.1. Data transfer failed (no good)

- if display shows failure during data transfer:

COPYING - (NG) (Failure)
Copied Dir - 000 (number of copied folders)
Copied File - 000 (number of copied files)
Enter -> (SURE) (back to main menu)

- **Do not erase data on flash card before they have been saved on Mac/PC first.**

14.2 Interrupt transfer

- Press **ESC button** and transfer will be interrupted.
- The following will be displayed:

COPYING - (NG) (Failure)
Copied Dir - 00X (number of folder)
Copied File - 00X (number of files)
Enter -> (SURE) (back to main menu)

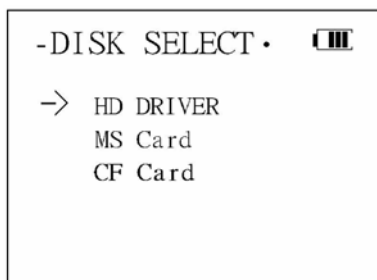
14.3 Directory of copied files

- with every download from flash card the GIGA mini creates a folder containing the data from the flash card. Folders are named with numbers starting from 1 to 9999 and the type of flash card as a pre-fix, e.g..
 - CF and Micro Drive CF0001 – CF9999
 - SD and MMC SD0001 - SD9999
 - SM SM0001 – SM9999
 - MS MS0001 – MS9999

15. HDD full/ reformatting Giga mini

- when hard disk is full, please save data completely on another HDD and reformat GIGA mini.

15.1 Reformat Hard Disk

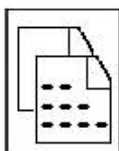


Press **ESC button** in the main menu and function **DISC SELECT** is activated.

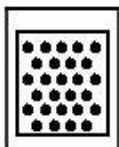
Select data source using **▶** or **◀** button and confirm using **☐**.



In this menu you can select data source to copy reformat or to execute function **FDISC**.

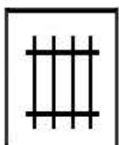


Select **·Copy** “ to copy files or folders from flash card to hard disk.



When **·Driver Format**” is selected, data source is ready to be reformatted. All files and data will be deleted .

Warning ! Save your data on another hard disk before they get lost.

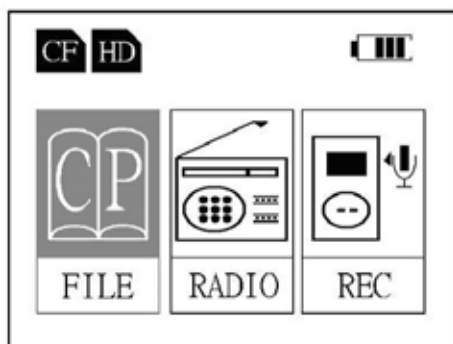


When **·FDISC**” is selected, device is ready to be reformatted. All files and data will be complete deleted

Warning ! Save your data on another hard disk before they get lost.

16. Data management


16.1 Select data source

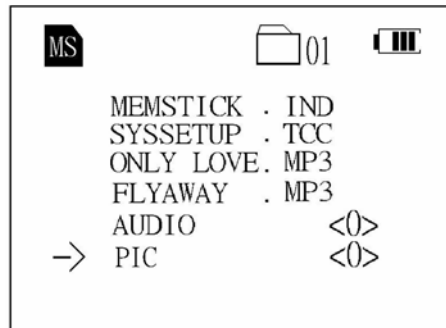



To display different files select first symbol in the main menu (HDD or flash card).

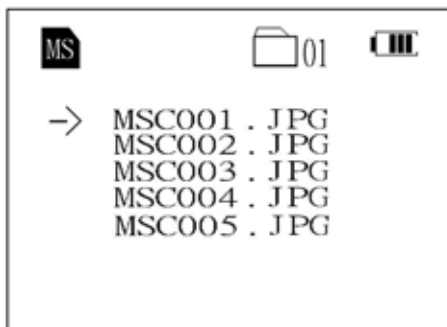
-DISK SELECT . 

→ HD DRIVER
MS Card
CF Card

Press **ESC** button and select data source using ▲▼ button press  to enter

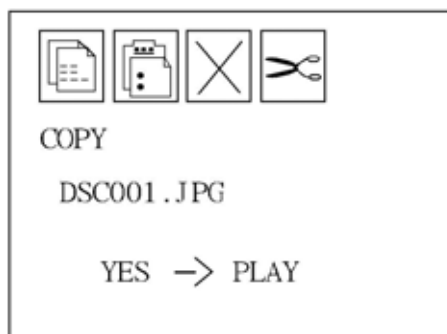



Press  to display file names. Display now shows folder on Memory Stick. On MS card are 2 files and 2 folder. The first two files show system files from MS card..



Select „PIC“ folder to see file names of 5 JPG files.

16.2 Manage data










Press  button to select manage mode for data. You have different possibilities for working and changing data and files on GIGA mini as followed:.







Warning ! During copy function, please do not take away flash card. If you take away flash card while copying all data could be damaged or lost.



Copy

Selected file or folder can be transferred from/to flash card or hard disk as followed:

- Select data source/folder/file using → **ESC** →    
- Press  or  and  to enter and mark

- Press  button, select function **Copy using** ► ◀ confirm with 
- Press **ESC** button several times and select data source with ► or ◀ button always confirm with .
- Use  several times and ► or ◀ button to select target folder.
- Press  button and choose ► or ◀ button select **PASTE** using  to confirm.
- Pasted content will be saved into target folder.



Paste

Copied (**Copy**) or Cut (**CUT**) file can be transferred via **PASTE** function onto the target data source.

Copy/PASTE function can transfer data to and from data source.

Select files and press buttons as described under Copy.



Delete

Selected file or folder will be deleted.

File and folder could be selected as described and then be deleted using **DELETE**.



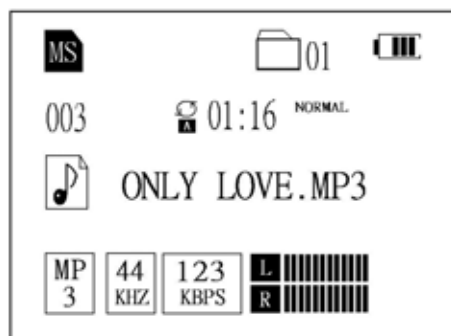
CUT


Folder and files can be CUT like in MS-Windows.

Select file and folder like described in the **Copy** chapter and confirm using **CUT**.


After that select target folder as described under **Copy** and use **PASTE** function to transfer.

17. MP3 Player



Select **FILE** function (datamanagement) and confirm with .

Select data source on which the MP3 file is saved.

Choose ► or ◀ button to select MP3 file and press  to enter.

MP3 Player starts automatically and shows symbols as followed.

- Volume control with **-V** and **+V**.
- Plug in head- or earphones in the socket.

003

Track Titel



Repeat

NORMAL

EQ Mode (watch submenu settings)



Titel-Name

44
KHZ

Audio Frequency

123
KBPS

Sound Quality

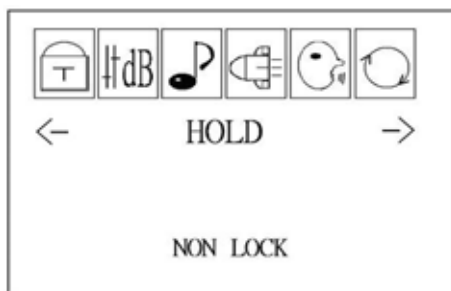


Left channel

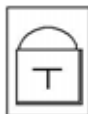


Right channel

17.1 Settings in the sub menu



Using **EQ** button you reach the sub menu of settings where you can find the following:



Lock/Unlock: - on/ off

By pressing **-V** or **+V** device can be locked or unlocked. Save status pressing ↩.



Sound

NORMAL / USER / POP / CLASSIC / JAZZ / ROCK



Lyric

LYRIC: Lyric display options:

LYRIC: Show lyrics

Non LYRIC: Hide lyrics



Lyric Language

ENGLISH / KOREAN / NO_NLS / SAYE_FONT / CHINESE_TRAD / CHINESE_SIMP / JAPANESE



Repeat

Once Dir: play folder once

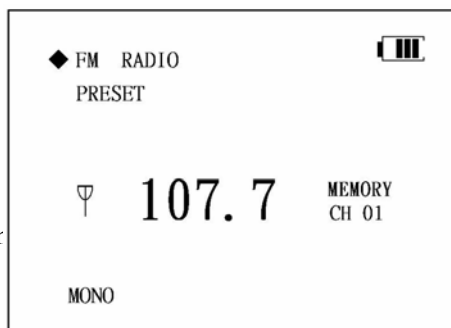
Once File: play file once

Repeat Dir: repeat folder endlessly

Repeat File: repeat file endlessly

18.

Bedier



FM Radio

Use ► ◀ button to select **RADIO** function in the main menu press ↩ to enter.


Stand: 28.07.05

Seite: 12 von 15

Use ► ◀ button to select channel or station.
Keep ► ◀ button pressed for automatical channel search.

Volume control via -V and +V.

Programming channels automatically

Press ◀ to start PRESET mode. Press  to start channel search and programming mode (max. 20 channels)– stop using ◀.

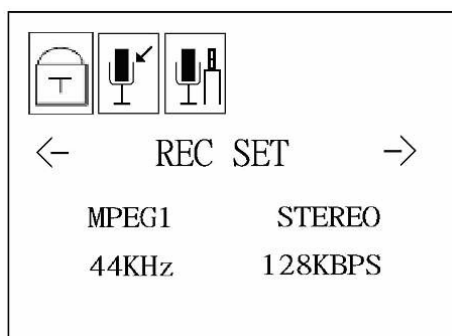
In the **PRESET** Mode channels are selected using ► ◀.

Mode (**MONO / STEREO**) and number of the selected channel is displayed.

19. Recording function



Press ► ◀ button to select recording function in the main menu and use ◀ to enter.



Press **EQ** button to enter the sub menu. You will find settings as followed:



Lock/Unlock: on/ off

Press -V or +V to lock/unlock device and save status pressing ◀.



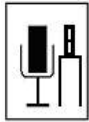
REC SET: recording quality

Select function using ► ◀ button

and select with -V und +V, save using ◀.

- 32KHz 112KBPS
- 44KHz 128KBPS
- 44KHz 160KBPS
- 44KHz 192KBPS

REC SET: Recording



Select function using ► ◀ button and choose -V und +V to change, save using



MIC IN: Recording via microphone.

LINE IN: Recording from other data source.

To connect with other sources or microphone use socket on the left side of the device.

20. Compatibility

You will find actual list of compatibility at [www.job0-digital.de / Service / Information/Driver/Firmware/Software / Devices/Flash Card compatible](http://www.job0-digital.de/Service/Information/Driver/Firmware/Software/Devices/Flash%20Card%20compatible)

21. Notes/Updates

Verify Function – will be available in January 2005 free firmware update at www.job0-digital.de.

OTG Function - will be available in January 2005 at www.job0-digital.de free firmware update.

22. Troubleshooting

Questions	Answers
Function under DOS, WIN95, WIN98?	These systems are not supported, only WIN98SE and up.
Function under Linux?	Function just with Linux kernel Version 2.4.0 and up.
Which data formats could be downloaded on HDD?	All data and formats could be downloaded on HDD.
Device could not be switched on.	1. No battery inserted. 2. Battery has no / not enough power.
Buttons do not work.	System failure - Press RESET button (see back of device)
No hard drives are shown when connected to PC/Mac.	1. Check if drivers are installed when needed. 2. Refresh display using F5.
Download failure.	1. Please check if file is damaged. 2. Please check if it is let enough space on Giga mini; if not, please delete or reorganise data. 3. Max. number of folders (9999) has been exceeded, please delete something or reorganise data. 4. Check, if flash card as been correctly inserted.
MP3 function does not work.	1. Please check file format (MP3 ?). 2. Please check, if ear- or headphones have

	been plugged in properly. 3. Please check, if data or files are damaged.
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23. Service / technical support

In case of questions please contact the technical support of our distributors or send your requests to support@jobo.com.

Subject to technical modification.

BA Art. Nr.: 86548

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