



*maximum music
maximum power
maximum fun*



FreeCOM Beatman Mini CD I



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LCD display

1. General

Thank you for buying the FREECOM Beatman MiniCD I, the new standard in portable compressed audio players! Please read the operating instructions carefully before starting to use your FREECOM Beatman.

Please note that the FREECOM Beatman plays MiniCD's only (MiniCD's have a diameter of 8cm, in comparison with the regular CD's which have a diameter of 12cm). We recommend that you use FREECOM MiniCD-R discs with your Beatman.

FREECOM CDR-discs are 100% compliant with the Orange Book Part II volume 2 standard.

Before using your FREECOM Beatman, please check the box for the contents:

- FREECOM Beatman MiniCD I MiniCD/MP3 player
- AC power adapter (please check if the voltage complies with your country)
- 2x Duracell UltraM3 AA-size alkaline batteries
- User manual
- 1x FREECOM Mini CD-R (blank)
- 1x FREECOM pre-recorded Mini CD
- 1x FREECOM/Sennheiser headphones
- 1x Warranty card

Contact your local FREecom dealer / retailer or the FREecom Support Centre for your country (see page 17) if one of the above items is missing from your retail-package. Don't forget to register your Beatman by visiting **www.freecom.com** or by filling out the warranty card.

Visit www.freecom.com for free music downloads, cool Beatman accessories, CD-R(W) media, free tools and players!

Win a CD-RW Recorder on www.freecom.com. No purchase necessary to play!!

2. Operating Instructions

Please note that the numbers in brackets refer to the pictures of the player on page 2 and 3.

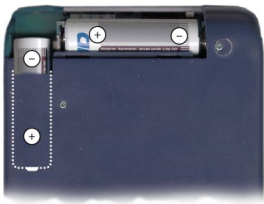
Power

The FREecom Beatman can be powered either by 2 AA-size alkaline batteries or by the AC adapter.

Inserting batteries

Remove the battery cover on the back of the player by sliding it in the direction indicated by the arrows on the battery-cover.

Insert 2 AA-size alkaline batteries according to the drawing. Please make sure that the batteries are properly inserted, with + and - side according to the Picture.



Batteries contain chemical substances, when empty, they should be properly disposed of.

Connecting the power supply

Insert the AC adapter into the appropriate socket (9). Insert the power plug into the mains outlet. When using the power supply, remove the batteries.

Getting started

Open the cover by sliding the "Open" switch (11). Insert a MiniCD into the Beatman, with the label facing up. **Never touch the lens of the player.**

Close the cover.

Press "Play" (3) to turn on the power. The player will start initializing the CD. When initializing, the LCD display shows "READ".



If a MP3 CD is inserted, the display will show the total number of titles and tracks.



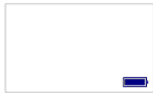
If a Audio CD is inserted, the display will show the total tracks and playing time.



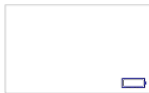
If no CD is inserted or the disc cannot be initialized, the LCD display will show "NO DISC".



Only when power comes from the batteries, will the battery-status indicator appear on the display.



battery full



battery empty

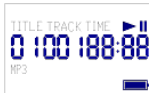
When the batteries are running low, the battery-indicator will start flashing.

Play/Pause/Resume

Press Play "▶" (3) to start playing music. If this button is pressed during playing, the player will go into "Pause" mode. To resume play, press "▶" (3) once again.



play mode



pause mode

Please note that when playing a MP3 CD, the songs will be played in the filenames' alphabetical order, unless the user has changed the playing-order by adding a "tag" to the filename.

Stop/Off

Press Stop "■" (1) to stop the player and enter idle status (the motor does not run but the power is on). When the player is in idle status, pressing the "■" (1) button will turn off the player.

Next

Press Next "▶▶" (4) to skip to the beginning of the next track. Continuous pressing of Next "▶▶" (4) during play will fast-search forward through the track.

Previous

Press Previous "◀◀" (2) to skip to the beginning of the previous track. Continuous pressing of Previous during play will fast-search backwards through the track.

Program

The FREecom Beatman has a memory for programming up to 20 songs.

To start the "program" function, press the Program button (8). The memory-ID starts from "01". The song ID starts from title 1 and track 00 if the memory is empty. If the memory is not empty, the last memorized song will be displayed.

Press Next or Previous to select the song you want to program. Press Program to store the selected song in the memory. Repeat this process until you have programmed the songs that you want. Press play "▶ ||" (3) to start playing the programmed songs.



The program-memory will be erased when the power is switched off.

Intro

Press Intro (7) to start playing the intro (the first 10 seconds) of every song. If the player is in Program mode, only the intro of the memorized songs will be played. To stop the intro function, press the Intro button(7) once again or press the Play button (3).



Repeat

The repeat function has 5 modes: Off/Repeat song/repeat title/repeat all/random play.



Press Repeat button (6) to change the repeat mode; the default setting is "repeat off". Repeat Off is not displayed on the LCD-display.

If the player is in Program mode, the Repeat function will only repeat the memorized songs.

Equalizer

The Beatman has 4 equalizer modes: Normal/Jazz/Rock/Classic. Press the EQ button (5) to change the EQ mode; default setting by power on is "normal".



Normal mode is not displayed on the LCD-display.

Please note that the EQ function only works when playing MP3 CD's.

Bass Boost (13)

Turn on the switch to enable the Bass Boost function.



Hold (12)

Turn on the switch to hold all panel buttons.



Open (11)

Slide the switch to open the player cover.



Opening the cover will stop any action, but the power will remain on. The LCD-display shows "OPEN".

Volume (14)

The FREECOM Beatman has a rotary volume controller; turning the volume-wheel clockwise will increase the volume; turning the wheel anti-clockwise will decrease the volume.

Earphone and AC Power Adapter connections

DC jack (9), for connecting the AC power adapter
Stereo earphone jack (10), for connecting the headphone or the optional cable to connect the Beatman to your HiFi-system.

ESP and mechanical anti-shock

The FREECOM Beatman is equipped with a Electronic Shock Protection feature for MP3 CD, and with a mechanical anti shock feature, which ensures continuous play whilst playing AudioCD's. Both ESP and Anti-Shock features are always enabled.

WARNING!***When using headphones***

Avoid damaging your hearing: do not play your headset at a high volume. Hearing experts advise against continuous extended play. If you experience a ringing in your ears, reduce the volume or discontinue use.

Do not use while operating a motorized vehicle. It may create a traffic hazard and it is illegal in many areas. You should be extremely cautious or temporarily discontinue use in potentially hazardous situations. Even if your headphones are of an "open air" type, do not turn up the volume so high that you cannot hear what is going on around you.

3. Troubleshooting

When your player does not operate properly, please check the following points. If you are unable to solve the problem, please contact your dealer or the FREECOM support centre.

Power can not be turned on

- Check if the batteries are inserted correctly, see page 5
- Replace batteries if they become discharged
- Check if the mains-adaptor is connected properly to the player, see page 3
- Check if the connection of the adapter to the player is loose

Playback is not possible or player stops during playback

- Make sure the disc cover is closed properly
- Deactivate the HOLD mode
- When there is condensation on the lens, wait until the lens has cleared
- Check if the CD is inserted properly, it should be placed with the label side up
- Check if the CD is scratched or damaged. If so, use another CD

Playback does not start from the first track

- Check if the program or the resume function is activated, if so clear program or switch off resume.

No sound or sound quality is poor

- Check if headphones are connected properly, see page 3
- Check the volume level, adjust if necessary
- Check if the headphone plug is dirty, if so clean the headphone plug
- Check if the player is located near strong magnetic fields, if so move the set away.

4. Technical specifications:

Dimensions: 103mm (L) x 95mm (W) x 28.5mm (H)

Weight: 158 g.

Disc: disc size: 8cm MiniCD
capacity: 185MB = 3 to 4 hours of
MP3 music on 1 MiniCD, 21min Audio
(CD-DA) on 1 MiniCD

FRECOM recommends the use of FRECOM MiniCD's. Most CD(R)(W) drives support reading and writing this media. However, check our website www.freecom.com for a list of compatible drives.

8cm CD-media can not be used in a "slot-in" drive and in a car-hifi set, unless a CD-adapter is used.

Supported CD format: CD-DA and MP3
(MPEG-1 Audio ISO/IEC
11172-3) including
.MP3 or .MPx

Supported CD media: CD-ROM, CD-R, CD-RW

Supported CD mode: CD Digital Audio, CD ROM
mode 1 or mode 2, CD EXTRA
(multi session)

Power supply: 1.5V AA alkaline battery x 2
FREECOM recommends Duracell UltraM3 AA alkaline batteries for optimal performance.

4.5V/1A Linear Power Adapter

Operation Time: up to 7 hours on 2 AA-size alkaline batteries

Anti-shock: 40secs mechanical anti-shock for CD-DA
 8secs ESP for MP3

Supported bitrate: 32Kbps ~ 320Kbps (MPEG-1 layer 3)

Supported sampling rate: max. 44.1KHz

Temperature and humidity

Storage: temp. -20° C to 60° C /
 hum. 10% to 90%
 RH non-condensing

Operating: temp. 0° C to 45° C /
 hum. 10% to 80%
 RH non-condensing

Headphone output specifications

Output: 0.75Vrms (load=32 Ω)

Frequency Response: 100Hz-20KHz

Signal to noise ratio: >80dB

Distortion (thd): 1% max at 1KHz

Channel separation: >65dB

MTBF: minimum 20000 POH

Headphone specification

Type: Sennheiser MX 300

Frequency response: 18 – 20000Hz

Impedance: 32 Ω

Max. SPL: 116dB (at 1kHz, 0.5Vrms)

Cable length: approx. 1 m.

Warranty: One year. Opening the FRECOM Beatman voids warranty.

For service contact your local FRECOM dealer or the FRECOM Service Center in your country.

5. FREECOM Internet Service

Visit www.freecom.com for free music downloads, cool Beatman accessories, CD-R(W) media, free tools and players!

Win a CD-RW Recorder on www.freecom.com. No purchase necessary to play!!

Support Hotline

The following hotlines are available if you still are unable to get your FREECOM device to work properly after reading the manual and the suggestions for correcting errors:

United Kingdom & Ireland

+44 (0) 1423 704 715 supportuk@freecom.com

Deutschland & Österreich

+49 (0) 203 768 0950 supportde@freecom.com

France & Belgique (F)

+33 (0) 1 34 04 72 05 supportfr@freecom.com

Nederland & België (NL)

+31 (0) 15 888 0110 supportnl@freecom.com

Schweiz (D)

+41 (0) 848 88 99 10 supportde@freecom.com

Suisse (F)

+41 (0) 848 88 77 10 supportfr@freecom.com

All other countries:

Please apply to your local FREECOM Reseller or email to: **supportint@freecom.com**



FEDERAL COMMUNICATIONS COMMISSION - DECLARATION OF CONFORMITY

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules, and RS 210 Regulations (Canada). These limits are designed to provide reasonable protection against harmful interference in a residential area. This equipment generates, uses, and can radiate radio frequency energy and if, not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by running the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase separation between the equipment and receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio technician for help.

The Sennheiser logo, consisting of a blue square with a white diagonal line.

SENNHEISER



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Errors and omissions excepted.

WWW.FRECOM.COM