

# APart



# MANUAL

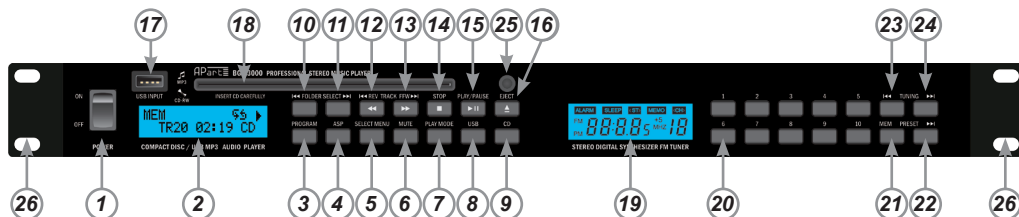


# BGM3000

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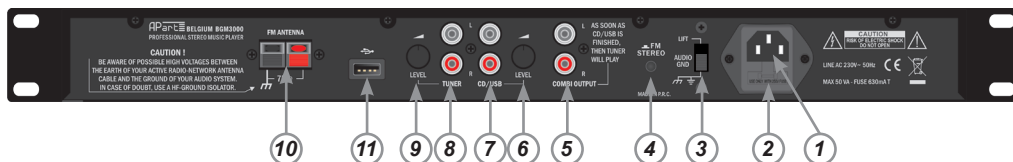
## Front panel



- 1) Power switch: to turn power on and off.
- 2) Display: shows track and folder info on CD and USB drive.
- 3) Program: set to program mode, pressing stop (14) will clear the program.
- 4) ASP: pressing this button activates the ASP mode, this is an electronic anti shock mode of up to 40 seconds (ESP indicated in the display), not active when playing mp3 CD's.
- 5) Select menu: select folders in mp3 mode.
- 6) Mute: mutes the output when a CD is playing.
- 7) Play mode: select play mode: pressing the button repeatedly changes play mode, this is indicated in the display (2)
- 8) USB: activates USB mode
- 9) CD: activates CD mode (CDDA or MP3).
- 10) Folder select <<: go to previous folder (press stop if playing to browse folders)
- 11) Folder select >>: go to next folder (press stop if playing to browse folders)
- 12) Rev track <<: go to previous track
- 13) Track ffw >>: go to next track
- 14) Stop: stop CD playback, exit program mode
- 15) Play/Pause: start playing, pause playing
- 16) Eject: eject CD
- 17) USB slot: insert your USB memory stick in this slot
- 18) CD tray; gently insert an audio or MP3 CD in this slot
- 19) Tuner display
- 20) Preset select buttons
- 21) Mem: press memory button to store a preset, than press numeric button, save by pressing 'mem' button once again.
- 22) Preset >>: go to next preset.
- 23) << : press once to go back one frequency step, keep pressing to search previous radio station
- 24) >> : press once to proceed one frequency step, keep pressing to search next radio station
- 25) IR receiver: IR receiver.
- 26) Removable rack ears



## Back panel



- 1) Mains inlet: insert the supplied mains cord in this slot.
- 2) Fuse holder: contains a 630 mA slow blow fuse, replace only with the same type of fuse.
- 3) Ground lift switch: activating ground lift may solve some ground loop problems (excessive hum)
- 4) FM stereo/mono switch.
- 5) Combi output: on this output you will hear the CD until it is finished.  
It will automatically switch to tuner playback afterwards.
- 6) CD/USB level: volume controller of CD/USB individual output and combi output.
- 7) CD/USB output: this output will only play the CD or USB drive.
- 8) Tuner output: this output will only play tuner output.
- 9) Tuner level: volume controller of tuner individual and combi output.
- 10) FM antenna connector: connect the FM antenna here.
- 11) Rear USB connector: this is a copy of the front USB connector.  
If you use both, the port that was in use first will be active.

**WARNING: BE AWARE OF POSSIBLE HIGH VOLTAGES BETWEEN THE EARTH OF YOUR ACTIVE RADIO NETWORK/ANTENNA CABLE AND THE GROUND OF YOUR AUDIO SYSTEM. IN CASE OF DOUBT, USE A HF GROUND ISOLATOR.**

**Remark:** in case you don't want to hear FM radio when CD/USB playback has finished, turn down the tuner level at the rear panel.



## **Technical Specifications**

### Tuner

- Bandwith : 87.5 – 108 MHz
- 30dB Sensitivity:  $\leq 10\mu\text{V}$
- S/N ratio: 50dB at 1 mV
- HF input: 75 ohm
- Mono/stereo.

### CD player

- Recognized audio formats: 16 bit PCM 44.1 kHz.
- MP3: 32 – 320 kbps, variable bit rate.

### USB drive

- Capacity: 32 Mb – 1 Gb
- MP3: 32 – 320 kbps, variable bit rate

### Line level outputs

- Tuner: max 2V
- CD/USB drive: 2V
- Combi output: 2V
- Output impedance: all outputs: 1 Kohm

### Power supply

- 230 VAC/ 50Hz Max 50VA
- Fuse 630 mA

### **Notes:**

***MP3 audio content in CD/USB drive can be placed in folders.  
In this case, don't put mp3 files in the root of the CD/USB. Don't use any subfolders.***

***Don't mix audio or other file types and formats on the same drive: the combination of mp3's and normal CD quality audio files (PCM 44.1 kHz/16bit) can lead to files being skipped by the player.***

### **ANY SUGGESTION?**

***They are well appreciated and eventually rewarded!  
Send your ideas or suggestions to***

***[suggestions@apart-audio.com](mailto:suggestions@apart-audio.com)***

**BMG3000 is developed by**

**Audioprof nv  
Lanteerhofstraat 90  
BE-2100 Deurne  
BELGIUM**

