AIM device

User manual
and quickstart (v3.1)

Sumario

0 – Description and requisites

The **AIM** is an autonomous device for the Berard AIT method. It is composed by the device itself, the power adapter and a network cable.

The usage of the **AIM** is done by any network capable device. Could be any regular device starting from a smartphone to a desktop PC.

The **AIM** is usable from any modern operating system.

Special requisites are:

- Any recent version of a modern web browser. Our recommendation is to use the newest version of *Mozilla Firefox*.

- On Microsoft operating system versions, you need to install the Bonjour printing services crafted by Apple: https://support.apple.com/kb/DL999

1 – Quickstart

1.1 - WiFi connection. Just local use.

- Connect just the power cord, and turn on your **AIM** unit. Wait until the indicator sets steady green.

- Connect your WiFi device (smartphone, tablet, whatever) to the WiFi SSID provided by your **AIM**.

  For instance *aim3BC*

  *Please note that the connection with the **AIM** doesn't connect your device with the Internet. Maybe your device warns you about this situation, but do not worry about it, it's ok.*

- Open your web browser and type the URL of your **AIM** unit.

  For instance *http://aim3BC.local*

1.2 - Wired connection. Both local and remote use.

- Connect both the power and network cords, and turn on your **AIM** unit. Wait until the indicator sets glowing in blue.

- Connect your device to the same network the **AIM** unit it's in.

- **For local use**, open your browser and type the URL of your **AIM** unit.

  For instance *http://aim3BC.local*

- **For remote use**, open your browser and enter https://amp.aim-device.com. Login and check the connectivity of your unit. Enter on it once available.

2 – WiFi connection mode

This mode is available just for local use of the device.

1. Plug-in just the power cord to the **AIM** unit. The light indicator on your **AIM** will be flashing green. After some seconds it will turn steady green: at this point your device is ready to be used.

2. Your **AIM** unit emits a WiFi signal that allows you to manage it from any WiFi-able device, such as a tablet, smartphone, desktop PC or laptop PC. To establish a connection with your **AIM** unit and to be able to start using it, find for a new WiFi signal from the device of your choice. On the WiFi signals list it will be a new one with the same name as your **AIM** unit.
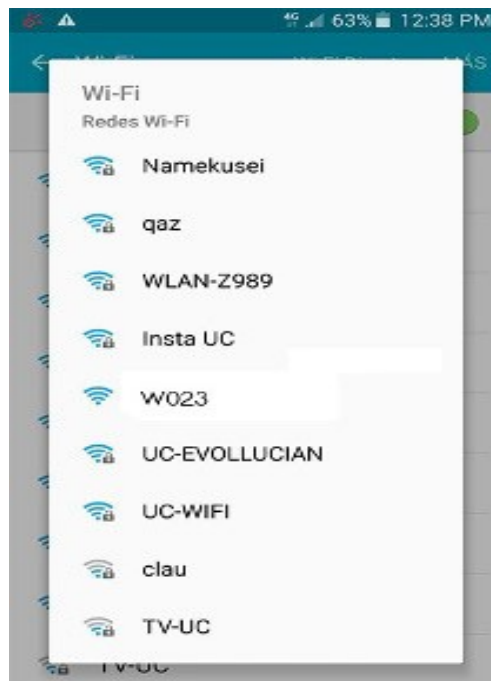
   For instance *aim3BC*

   Click on that WiFi signal in order to connect to it. A password is needed: type **berardait** and continue with the process. You can click on "Remember the password" (or the equivalent option) for your own convenience: this way the password won't be asked again when you use your **AIM** unit again.

   If everything has been fine, you should be connected to your **AIM** unit at this point.

   Please note that your WiFi device may warn you that there is no Internet connection available . This is ok and there is no need to be worried about it.

3. Open the web browser of your choice and enter the URL of your **AIM** unit.

   For instance *http://aim3BC.local*

Figure: A smartphone showing the different WiFi signals around it

3 – Wired connection mode

This mode is available both for local and remote use of the device.

1. Plug-in both the power and network cords. The light indicator on your **AIM** will be flashing green. After some seconds it will turn glowing blue: at this point your unit is ready to be used.

2. To use the device <u>locally</u>, open the web browser of your choice and enter the URL of your **AIM** unit.

   For instance http://aim3BC.local/

   NOTE: please, watch the address starts by typing **http**, not **https**.
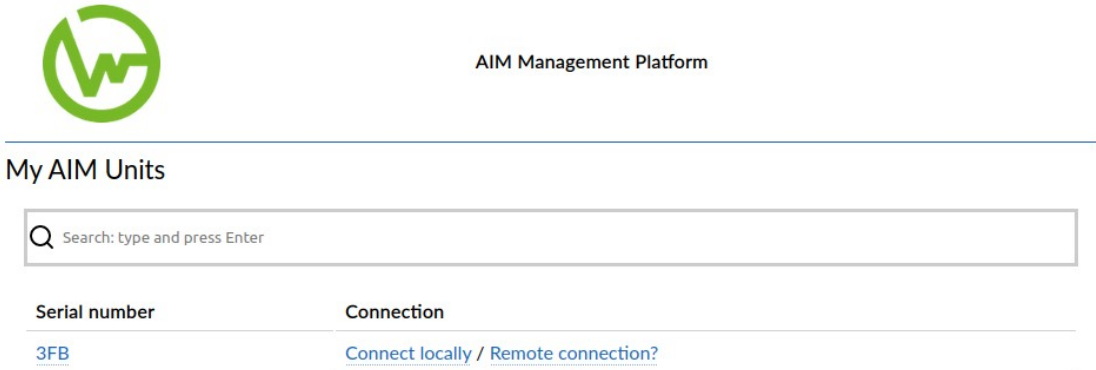
   NOTE: Internet is not mandatory to use this mode. The only mandatory requisites are the ones explained at **0 – Description and requisites**

3. To use the device <u>remotely</u>, open the web browser of your choice and enter the following URL in order to login to the AIM Management Platform (from now on we will just use "AMP"): https://amp.aim-device.com/

Figure: Access to the AIM Management Platform

4. Once logged in, you will see a list of your available AIM units. Here you can find the serial number (3FB for example) and the local and remote controls:

FigFigure: Available AIM units list

Connect locally allows you enter you AIM unit directly using your local network: click on the link and a new tab will be opened on your web browser allowing you to manage your AIM unit.

Remote connection? allows you to enter your AIM unit through the Internet: click on the link to enable the availability checking. The AMP will show **Checking** for some seconds. If the unit is available it will then show **Connect remotely**, otherwise it will show **Remote connection?** again so you can try back.

AIM Management Platform

My AIM Units

Q Search: type and press Enter

Serial number	Connection
3FB	Connect locally / Checking...

Figure: Checking the remote status of the AIM unit

4 – Using your AIM unit

4.1 – Music program selection screen

This screen allows to select and see the contents of the selected music set for client session. This is a sample of it:

Figure: Music set selection screen

- Select the music program you need from the select box (currently there is only "Standard AIT Music" available).

- You can visualize the contents of each music program by clicking on the link below the selection box.

- Click on **Proceed** to continue with the programming of your session.

4.2 – Parameters selection screen

This screen allows the selection of the session number to be played, the initial volumes for left and right ears, and the frequencies wanted to be inhibited (muted). This is a sample of it:

- Select session number between 1 and 20 (depending on the session number of the method you are about to start). Every session number lasts exactly 30 minutes.

- Select the initial volume levels for both ears, between 15 and 85 dBs.

- Select the frequencies you want to inhibit (mute) by clicking on the appropriate check boxes. You can only have 2 filters activated simultaneously, according to the Berard AIT method.

- Click on **Create session** to continue with the creation of your session.

4.3 – Session start screen

This screen will show you a brief summary of the selections you have made on the previous screens, and you will be able to start the session. This is a sample of it:

Summary

Music program	Standard_AIT_Music
Session #	1
Initial volumes	Right 15 dBs / Left 15 dBs
Initial inhibited frequ...	1.5k, 2.0k

You can go Back to make some adjustment.

Start

- In case you need to change anything you can click on **Back** in order to make some changes.

- If you are ok with the parameters, click on **Start**. Session will start automatically.

4.4 – Session screen

This screen will show you the session time and allow you to make some adjustments while session runs.

Session control

15 ⤲ 15

☐ 1.0kHz ☑ 1.5kHz ☑ 2.0kHz ☐ 3.0kHz ☐ 4.0kHz ☐ 8.0kHz

1 - [02:17] - Puff The Magic Dragon - Reggae Kids
2 - [04:44] - Too Many Clues in This Room - Litefoot
3 - [03:13] - The Vision - DeBurgh
4 - [03:30] - Li Hing Hula - Roots
5 - [05:19] - All I Want Is You - Bryan Adams
6 - [02:35] - Joy to the World - Reggae Kids
7 - [03:06] - Race Among the Ruins - Litefoot
8 - [05:00] - Depend On Me - Bryan Adams

Pause

Abort

- When the session is running the indicator of your **AIM** unit will turn to glowing green.

- New control buttons appear up, and you will be able to change the current playing volume and the selection of frequencies inhibited.

- You will be able to pause the session, or even to stop it.

You can change the volume on both ears in parallel or independently, by using the icon located in between the decibel indicator:

Volume control for both ears	Volume control independent for each ear
⤲	⤢
When the volume control is in this position, if you click on "+" (increase the volume) or "-" (decrease the volume) on no matter the side you use, then both ears' volume level will be affected.	When the volume control is in this position, if you click on "+" (increase the volume) or "-" (decrease the volume) the volume will be different for each ear, depending on the control of your choice.

- If for any reason you need to pause the session, click on **Pause**. This action pauses the session until you click on **Resume**.

- If for any reason you need to stop the session, click on **Abort**. This action stops the session immediately and sets you on the music program selection screen again.

- When the session finishes, the indicator of your **AIM** will turn as it was before starting the session and the screen you are seeing will change. A message indicating that the session is over will appear and the session control items will be blocked, allowing you to see the differences between the initial and the ending parameters.

Session control

| + | − | 35 ⤢ 21 | + | − |

☐ 1.0kHz   ☑ **1.5kHz**   ☐ 2.0kHz   ☐ 3.0kHz   ☐ 4.0kHz   ☐ 8.0kHz

Session has concluded.

5 – Upper toolbar

This toolbar allows you to (from left to right):

- Home: go to the Music program selection screen directly, and program a new session from the beginning.

- Reboot: restart your **AIM** unit.

- Shutdown: poweroff your **AIM** unit.

6 – Color codes

Red color means:

- Steady when it starts the shutdown process.

- Flashing indicates that you can safely unplug the power cord.

Green color means:

- Steady when the system is ready to be used.

- Flashing indicates that the system is powering on but not ready yet.

- Glowing means the audio session is currently being played.

Blue color means:

- Steady when you login the system. It keeps this way while setting up the session.

- Flashing means your **AIM** is remote control capable.

7 – Maintenance and supervision

When any maintenance operation is needed for your **AIM** unit, it will be necessary you to connect it to the Internet through the network cable. Summary for this operation is:

1. Notify to the support team about this maintenance operation in order to reserve a day/time gap in the supporting calendar.

2. Ensure to be able to get a computer network appropriate in which you can connect your **AIM** unit: essentially an Internet router and a DHCP service (usual service on every Internet router).

3. On D day, connect your **AIM** unit to your computer network using the network cable (RJ45 cord). If possible, connect it directly to your router.

The use of the AIM must be done only by Berard AIT official practitioners.

6 – Contact details

ATI Microson S.L. company at Derio, Bizkaia (Spain):

- Website: https://aim-device.com

- Email address: info@aim-device.com