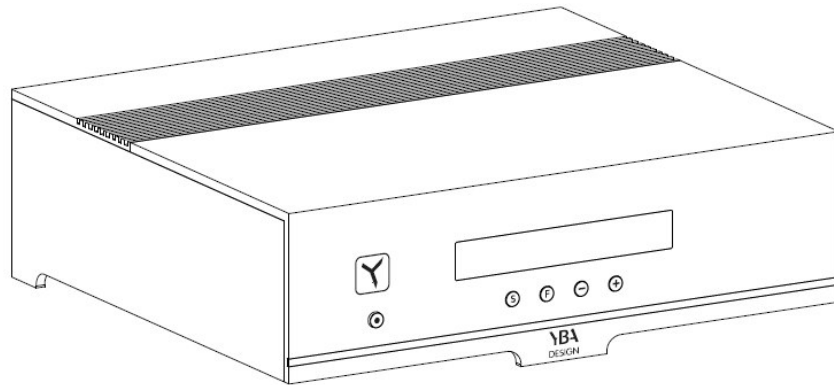


# WA202 USER MANUAL



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## Welcome

Dear YBA owner,

We thank you for the purchase of your YBA DESIGN WA202 receiver. We are confident that it will provide you with many years of listening pleasure.

YBA DESIGN products have been manufactured with the same proud and care as all other products we've made since our creation in 1981. Your new WA202 enables you to get the very best audio quality from your sources.

This user manual has been designed to give you all the information you need to install, connect, setup and use your device. For your own safety and to ensure that you do not damage your unit or your belongings, we strongly recommend you to read the safety guidelines carefully.

YBA Team

Disclaimer: All the information contained in this manual was correct at the time of publication. However, as our engineers are always updating and improving our products, your device may have slightly different appearance, performance, or modified functionality than presented in this manual. YBA is a registered trademark of YBA SAS and is restricted for use by YBA, its subsidiaries and authorized agents. All other brands and product names quoted in this manual are registered trademarks and the property of their respective owners.

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## Warnings and precautions



**CAUTION: To reduce the risk of electric shock, do not try to open the device. No user serviceable parts inside. Refer servicing to qualified service personnel only.**



The lightning flash with an arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of un-insulated dangerous voltage within the product's enclosure that maybe of sufficient magnitude to constitute a risk of electric shock.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

**WARNING: To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.**

This product is designed and manufactured to meet strict quality and safety standards. However, you should be aware of the following installation and operation precautions:

### Warnings and instructions

You should read all the safety and operating instructions before operating this appliance. Retain this handbook for future reference and adhere to all warnings in the handbook or on the appliance.

### Water and moisture

The presence of electricity near water can be dangerous. Do not use the appliance outdoor or near any source of water for example next to a bathtub, washbowl, kitchen sink, in a wet basement or near a swimming pool, etc.

### Object or liquid entry

Take care that objects do not fall and liquids are not spilled into the enclosure through any openings. Liquid filled objects such as vases should not be placed on the equipment.

### Ventilation

Do not place the equipment on a bed, sofa, rug or similar soft surface, or in an enclosed bookcase or cabinet, since ventilation may be impeded. We recommend a minimum distance of 100 mm (4 inches) around all sides and top of the appliance to provide adequate ventilation. Be sure that the ventilation holes below and on the top cover of your device are neither covered nor obscured by any object or dust. Your YS201 is equipped with 3 fans: 1 above, 1 inside and 1 on the top. Regularly check that all fans are properly working.

### Climate

The appliance has been designed for use in moderate climates. Do not use when the room temperature is below 10 degrees C (50 degrees F) or above 40 degrees C (100 degrees F).

### Heat

Locate the appliance away from naked flames or heat producing equipment such as radiators, stoves or other appliances (including other electronic devices) that produce heat. This device is likely to produce heat so you are advised to

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locate it away from any flammable material or any object which may react to heat.

**Racks and stands**

Only use a rack or stand that is recommended for use with audio equipment. If the equipment is on a portable rack it should be moved with great care, to avoid overturning the combination.

**Cleaning**

Unplug the unit from the mains supply before cleaning. The case should normally only require a wipe with a soft, damp, lint-free cloth. Do not use paint thinners or other chemical solvents for cleaning or furniture cleaning sprays or polishes as they can cause indelible white marks

**Power and grounding**

Only connect the appliance to a power supply of the type described in the operating instructions or as marked on the appliance. Be sure to respect the voltage indicated on your device. Power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them. Only use power supply cord supplied with your device. Always check your power supply cord before plugging it. This device must be grounded. Ensure that the grounding means of the appliance is not defeated.

**Non-use periods**

If the unit is in standby function, a small amount of current will continue to flow into the equipment in this mode. Unplug the power cord or switch it off from the back if left unused for a long period of time.

**Abnormal smell**

If an abnormal smell or smoke is detected from the appliance, turn the power off immediately and unplug the unit from the wall outlet. Contact your dealer immediately.

**Servicing**

You should not attempt to service the appliance beyond that described in this handbook. All other servicing should be referred to qualified service personnel. The only fuse used in this device is on the AC socket. Always use exactly the same fuse as the one provided with your unit.

**Damage requiring service**

The appliance should be serviced by qualified service personnel when:

- A. the power supply cord or the plug has been damaged, or
- B. objects have fallen, or liquid has spilled into the appliance, or
- C. the appliance has been exposed to rain, or
- D. the appliance does not appear to operate normally or exhibits a marked change in performance, or
- E. the appliance has been dropped or the enclosure damaged.

**Safety compliance**

This product has been designed to meet the IEC 60065 international electrical safety standard as well as CE and RoHS regulations. The pictogram "crossed-bin" means the equipment must not be thrown with ordinary wastes but must be collected for reuse, recycling and other forms of recovery. Thus your device must be deposited in an appropriate collection point or brought back to a distributor.

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## Warranty information

**Manufacturer information:** YBA SAS (RCS Evry 339 630 790) - 5, avenue du 1 Mai - 91120 PALAISEAU - France  
Tel: (33)-1 - 60 12 51 00 Fax: (33)-1 - 60 12 50 60 <http://www.ybadesign.com> - [contact@yba.fr](mailto:contact@yba.fr)

**What is covered** (extracts from the limited warranty contract):

YBA warrants this product to be free from defects in materials and workmanship subject to the terms set forth below. YBA will repair or replace (at YBA's sole option) this product or any defective parts in this product. Repairs or replacements as provided under this warranty are the exclusive remedy of the consumer. YBA shall not be liable for any incidental or consequential damages for breach of any express or implied warranty in this product. Except to the extent prohibited by law, this warranty is exclusive and in lieu of all other express and implied warranties whatsoever including, but not limited to, the warranty of merchantability and fitness for a practical purpose. Some countries or US states do not allow the exclusion or limitation of incidental or consequential damages or implied warranties so the above exclusions may not apply to you. This warranty gives you specific legal rights, and you may have other statutory rights.

**Duration, validity of warranty and procedure:**

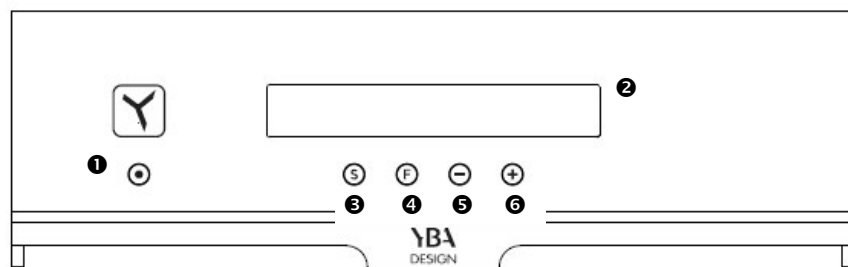
Warranty period may vary from country to country and according to local regulations. Consult your dealer or distributor to know the warranty duration in your country. Always ensure that you retain a valid proof of purchase. To benefit from this limited warranty you must send back a proof of purchase and the warranty card enclosed in your product within fourteen days after the purchase. To obtain warranty service, please contact the YBA authorized dealer from which you purchased this product. If your dealer is not equipped to perform the repair of your YBA product, it can be returned by your dealer to YBA or an authorized YBA service agent. You will need to ship at your cost, in either its original packaging or packaging affording an equal degree of protection. Proof of purchase in the form of a bill of sale or receipted invoice, which is evidence that this product is within the warranty period, must be presented to obtain warranty service. This warranty is invalid if (a) the factory-applied serial number has been modified, altered or removed from this product or (b) this product was not purchased from a YBA authorized dealer or (c) the product shows any evidence of repair or attempt to repair not performed by a YBA authorized service centre. You may call YBA or your local country YBA authorized distributor to confirm that you have an unaltered serial number and/or you purchased from a YBA authorized dealer.

**What is excluded from the warranty coverage:**

- maintenance and service or replacement of parts due to normal wear and tear
- faults due to extreme situations (such as damage due to lightning, floods, moisture, fire...)
- problems that arise due to misuse of the product or use of this product for non-domestic use
- faults caused by other devices or accessories such as power cords, power filters, loudspeakers
- faults caused by shock or drops
- faults due to opening or tampering with the unit
- damages due to repairs, modifications or cleaning by non-approved technicians or due to the use of non-YBA parts
- damage or defects caused by the use of inadequate packing during return to an authorized service center this product
- any damage to the outer chassis due to normal or abnormal wear and tear
- any complete or partial loss of data/files
- faults caused by a short-circuit on the loudspeaker outputs
- ...

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## Discovering your WA202: Front view



- ❶ **ON/OFF switch:** Use this key to switch ON or switch OFF your WA202.
- ❷ **DISPLAY and IR sensor:** Any information concerning your WM202 will be indicated here. Point the remote control to this zone to control your WA202 from a distance.
- ❸ **SOURCE selector:** Use this key to cycle between all the inputs of your WA202 (CD→Video→Aux→iPod→Tuner→CD→...).
- ❹ **FUNCTION:** When TUNER is the active source, use this key to cycle between the tuner functions (PRESET→SEEK→TUNE→AUTOSSET→RDS→VOLUME→PRESET→...). When another source is active, the FUNCTION key has no action.

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⑤ **+** and **-** : The + and - keys have 2 functions according to the  
&  
⑥ WA202 state:

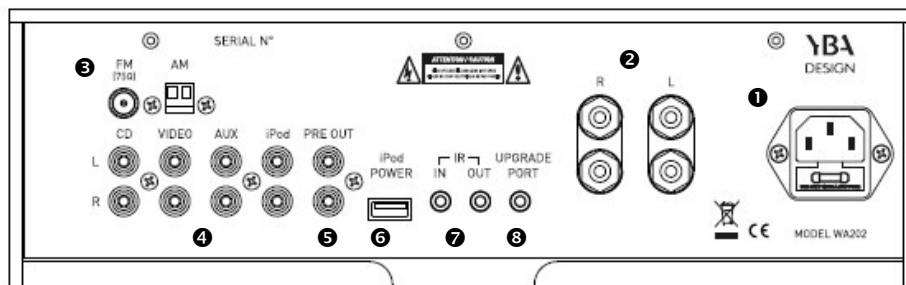
**1. Volume control:** Press - to decrease and + to increase the volume.

**2. When TUNER is the active source and one FUNCTION is selected by pressing the F key , the + and the - allow you to modify the tuner settings:**

- If the **PRESET** function is selected, + will go to next memory slot while - will go to previous memory slot.
- If the **SEEK** function is selected, + will seek for next radio station while - will seek for previous radio station.
- If the **TUNE** function is selected, + and - will allow you to manually search the frequency band, knowing + will increase frequency value while - will decrease frequency.
- If the **AUTOSET** function is selected, press the + and - to begin the automatic search and store program through available radio stations. **Note:** all previously stored stations will be erased and replaced by the new ones.
- If the **RDS** function is selected, the + and - will allow you to select the RDS display mode (text or frequency).

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## Discovering your WA202: Back view



### **CAUTION:**

**Before connecting or disconnecting any input or output:**

- Always make sure your WA202 is in OFF position. If you have any doubt, unplug the AC cable from the power inlet.
- Make sure all components connected to it are all set to off.
- Neatly arrange and organize wiring to and from your WA202 and to and from all your components. Separate AC wires from audio cables to prevent hum or other unwanted noise from being introduced into the system.

- ❶ **Power inlet:** Connect here provided mains cable. Be sure your WA202 switch is in OFF position before plugging or unplugging the mains cable.

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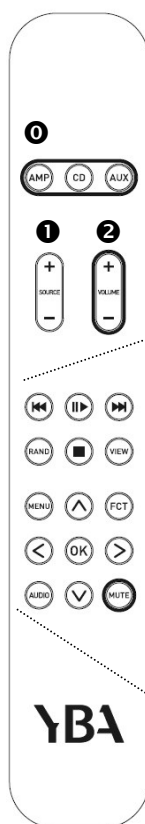
- ② **Right and Left speaker output:** Connect your speakers here. Be sure to respect the polarity: the + of your speaker must be connected to the + of the WA202. Connect your RIGHT speaker to the R (red) output of your WA202 and the LEFT speaker to the L (black) output of your WA202. We recommend the use of banana plugs to prevent short-circuit. This device was designed to be used with 8 or 4 ohms speakers. It was not designed to handle speakers with a less than 4 ohms impedance.
- ③ **AM and FM antenna** connectors: Connect here an AM and a FM (75  $\Omega$ ) antennas or roof aerial to enjoy AM and FM radio.
- ④ **RCA Audio inputs:** Connect the RCA outputs of your source to the RCA inputs of your WA202. Be sure to connect the RIGHT output of your source to the R input (red) of your amplifier and the LEFT output to the L input (white) of your amplifier. **Note:** Your WA202 allows the connection of 4 external, line level sources. If you want to connect a turntable, you may need to use a phono MM (or MC according to your cartridge model) to line transformer before you can connect it to your WA202.
- ⑤ **PRE OUT:** Pre-amplified output. If you want to use a subwoofer, a separate power amplifier or some active speakers, connect them here.
- ⑥ **iPod POWER USB connector:** This USB type B port allow you to

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connect a YBA iPod dock so the battery of your iPod can be charged. This port is only for charging your iPod/iPhone and shall not be used to connect a computer or any other USB device. If you want to listen to the content of your iPod note that your iPod must also be connected to any of the WA202 RCA inputs, such as the input named "iPod" input. **Note:** If you do not have a YBA iPod dock and still want to charge your iPod, you can also connect here the original white USB cable provided with your iPod/iPhone.

- ⑦ **IR input & output:** Connect here an infrared receiver (R: 5V / L: IR signal) if the IR sensor located on the front panel is not visible (for example your WM202 stays in a closed rack) or if you want to control it from another room or when used in a custom-installation system.
- ⑧ **Upgrade port:** For service and future improvements. Not for use by end-users.

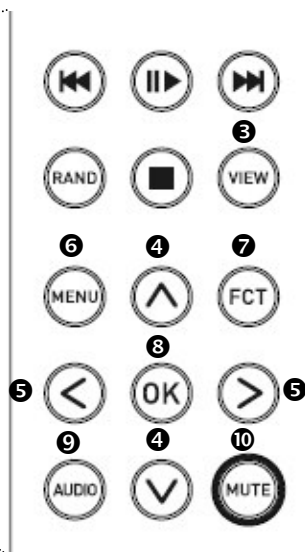
## Using YBA DESIGN remote control



Point your remote control to the IR receiver located in the display window of your WA202.

Select the device you want to control between AMP, CD and AUX. To control the WA202, you need to select AMP 0.

**Note:** AMP will remain the active function until you select another device.



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**Note:** PRESS means a short press on a key while HOLD means to keep the key pressed for more than 3 seconds.

- ❶ **Source selector:** Press SOURCE key to cycle between the 5 inputs of your WA202 (CD→VIDEO→AUX→IPOD→TUNER→CD...).
- ❷ **Volume control keys:** Press VOLUME key to change the volume: Press - to decrease the output level and press + to increase it.
- ❸ **VIEW:**
  - Hold (>3 seconds) to switch ON/OFF the display (dimmer).
  - Press, when TUNER is the active source to change the RDS display information. Your WA202 can display several information including broadcasting station name, clock or text messages. RDS will only work if current broadcasting station have RDS transmission and the signal is strong enough. Display information varies according to broadcasting stations.
- ❹ **UP & DOWN ARROWS:** When TUNER is the active source, press the UP or DOWN arrows to manually tune the frequency.
- ❺ **LEFT & RIGHT ARROWS:** When TUNER is the active source, press the LEFT or RIGHT arrows to skip to previous or next memory slot.
- ❻ **MENU:** When TUNER is the active source, press to toggle between FM and AM frequency band.

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- ⑦ **FCT:**
  - Hold (>3 seconds) to store current volume level.
  - Press, when TUNER is the active source, to cycle between the tuner functions (PRESET→SEEK→TUNE→AUTOSET→RDS→VOLUME→PRESET→...).
- ⑧ **OK:** Hold, when TUNER is the active source, to store current frequency in one of the memory slots (see FAQ on next page).
- ⑨ **AUDIO:** Press to resume to the stored volume level.
- ⑩ **MUTE:** Press to mute the output. Press again to exit mute.

## Using the TUNER (FAQ)

### About RDS.

RDS is a method for the transmission of additional information from local radio stations. It is only available in FM mode and optional: RDS will only work if the local broadcasting stations have RDS transmission and the signal is strong enough. We thus strongly recommend the use of a proper FM aerial to increase the chance to receive RDS information.

RDS information varies from one broadcasting station to the other and may include PS (Present Station name), RT (Radio Text, information like

current playlist or news) and CT (Clock Time).

Your WA202 will automatically display any RT information. If not available it will display any PS information. If not available it will display the frequency. Press VIEW to change displayed information between PS, RT, CT and Frequency.

#### **How to store a radio station.**

##### **AUTOSTORE**

1. First select tuner as the active source
2. Press F on the front panel to select AUTOSET function
3. Press + or - to start. Note that all previously stored stations will be erased.

##### **MANUAL STORE**

1. First select tuner as the active source
2. Set the tuner to the desired radio frequency using the SEEK or TUNE functions (use F on the front panel or FCT on the remote to select corresponding function)
3. Hold the OK key (more than 3 seconds). The display will start blinking.
4. Use ARROWS to select the memory slot. Your WA202 has 40 memory slots in FM and additional 40 memory slots in AM.
5. Once you reach desired memory slot, press OK to store current radio station.

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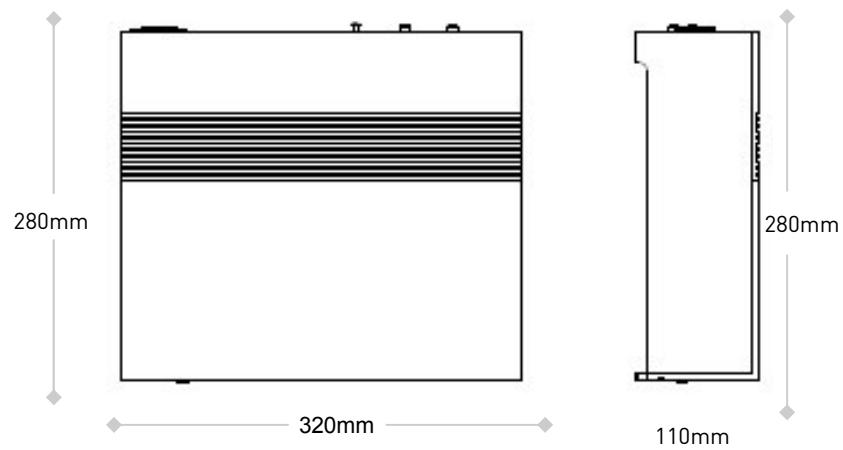
## WA202 SPECIFICATIONS

AUDIO OUTPUTS	1 pair of speaker outputs, 1 preout (RCA)
POWER OUTPUT (8Ω)	50W per channel
SNR	>90dB
FREQUENCY RESPONSE	20Hz-20kHz
THD+N (20Hz-20kHz)	< 0.01%
INPUTS	4 RCA inputs
TUNER BANDS	AM, FM
TUNER MEMORIES	40 in FM, 40 in AM
USB POWER SUPPLY	Type B, 5V, 600 mA maximum
POWER SUPPLY	Linear power supply with high performance EI type transformer. 160 VA
CUSTOM INSTALLATION	IR IN, IR OUT
CONSTRUCTION	Single frame aluminium
DIMENSIONS	320mmx280mmx110mm
WEIGHT	10 kg

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NEED MORE INFORMATION?

[WWW.YBADESIGN.COM](http://WWW.YBADESIGN.COM)  
[CONTACT@YBA.FR](mailto:CONTACT@YBA.FR)



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