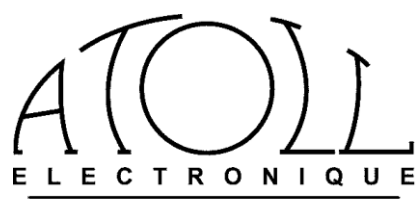


OWNER'S MANUAL

STREAMER

MS120



You have just bought a product with exceptional audiophile performances. We really thank you for your confidence in our products. To get the best part of your streamer, please read carefully this manual.

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SAFETY INSTRUCTIONS:

- Install your device in a dry, properly ventilated and away from any source of heat.
- Make sure that you do not place never anything on your Streamer.
- **Do not make any connection when your device is powered.**
- Avoid short cuts.

USES ADVISES:

It is recommended to choose good quality cords to connect this appliance to the other devices. Feel free to take advices from your specialist dealer.

The following parts are included:

- a streamer;
- a power chord;
- a RCA chord;
- a remote control;
- an antenna;
- this manual with the certificate of guarantee.

1 - GENERAL INFORMATIONS

GÉNÉRAL INFORMATIONS AND ADVISES:

Your ATOLL Streamer is DLNA and UPnP compatible, it can run in a network with other devices. Take the time to read carefully the section « getting started » of this manual (page 7) before putting your unit under voltage.

The display shows the selected radio station logo and has information about the files on the network and USB type sockets. It indicates the level of the volume from 0 to 100.

ACCEPTED FORMATS:

MP3 (8-48 kHz 16 bit)

AAC (24-96 kHz 16 bit)

AAC+ v1/HE-AAC

FLAC (44.1-96 kHz 16/24 bit)

FLAC 192 kHz/16-24 bit; disponible sur les entrées USB-A, liaison RJ45 et Wifi.

WAV (22-96 kHz 16/24 bit)

AIFF & ALAC

DSD64 & DSD128

CLEANING:

Before any cleaning, switch off your appliance. Use a soft and dry rag to clean up the appliance. Never use acetone, white-spirit, ammoniac, or any kind of product containing abrasive agent. Never try to clean up inside the appliance.

WARRANTEE:

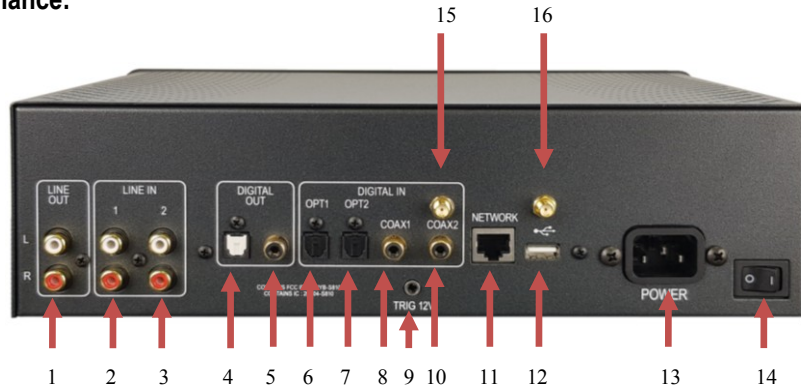
The guarantee is **two years** long from date of purchase. We recommend you to ask your dealer to fill the guarantee and to conserve it with your invoice. **The guarantee is only available for appliance which have been use correctly regarding this owner's manual.**

TECHNICAL FACTS

SPECS	MS120
Audio supply:	4,6VA + 3,6VA
General supply:	Flyback topology 4,5w + 4,5W
Total of capacitors:	5 435 μ F
Dynamic:	123 dB
Output Impedance:	22 Ohm
Output level:	2,8 VRMS
Signal/Noise:	123 dB
Distortion at 1kHz:	0,005%
Bandwidth :	5Hz - 20kHz
Rising Time:	1,7 μ s
DAC Converter:	Burr-Brown PCM1796 24 bits/192 kHz – DSD128
Dimensions:	320x230x94mm
Weight:	3 Kg

CONNECTING:

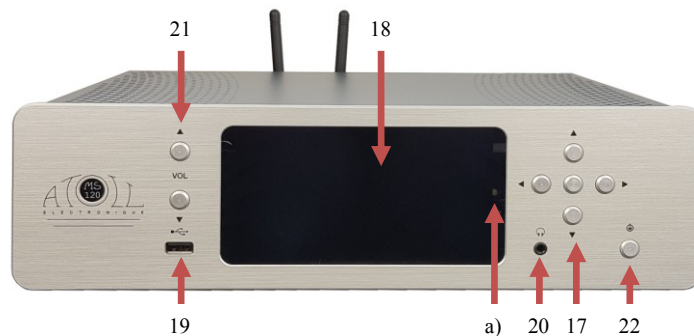
Rear view of Appliance:



- | | |
|-------------------------|----------------------------------|
| 1- Analog stereo Output | 9- Trigger Output |
| 2- Input Analog 1 | 10- Coaxial 2 Input |
| 3- Input analog 2 | 11- Ethernet Input (RJ45) |
| 4- Optical Output | 12- USB Input (A type) |
| 5- Coaxial Output | 13- Power input |
| 6- Optical 1 Input | 14- On/Off switch |
| 7- Optical 2 Input | 15- Wifi connection antenna |
| 8- Coaxial 1 Input | 16- Bluetooth connection antenna |

FUNCTIONS:

Front view of Appliance:



- | | |
|--------------------------|--|
| 17- Menu control keys | 20- Headphones Outputs (jack 3.5) ⁽¹⁾ |
| 18- Display | 21- Volume control down & up |
| 19- USB A type Input | 22- On/Off key & stand-by led indicator |
| a) By-pass led indicator | |

⁽¹⁾ To avoid electrostatic shock, we recommend to connect the headset when the device is switched off or in stand-by. While using headphones, turn off the amplifier.

CONNECTING WIFI AND BLUETOOTH ANTENNAS:

You'll find the antennas inside the bag of the remote control.
Make sure the good implementation of the antennas prior to connection and any use.



REMOTE CONTROL:

The remote control uses 2 lithium CR2032 (3V) batteries. Make sure to place + upside.

Warning : some keys may have different uses depending of the menus or context.

Keys already available from the front panel :

17- Menu control keys

21- Volume control + & -

22- Stand-by mode

23- **Alphanumeric keys** (from 0 to 9 and from A to Z)

By quick press on key (2) i.e. select a, b, c, 2, A, B, C

24- **Home** : Allows to come back to main menu

25- **Play / Pause**

26- **Fast forwards**: Not active

27- **Play next track**

28- **Stop**

29- **PLAY** : Allows to show the track or radio which is playing.

30- **WPS** : Quick WIFI connection: press simultaneously on this key and the key of the internet receiver.

31- **BACK** : Return back on menus.

32- **Fast back** : inactive

33- **OK** : Validation key in menus.

34- Access to the beginning of track or previous track with double press.

In menus : cancels last character.

35- **SHUF** : *Shuffle*

36- **REP** : repeats track (symbol with 1) or of the album

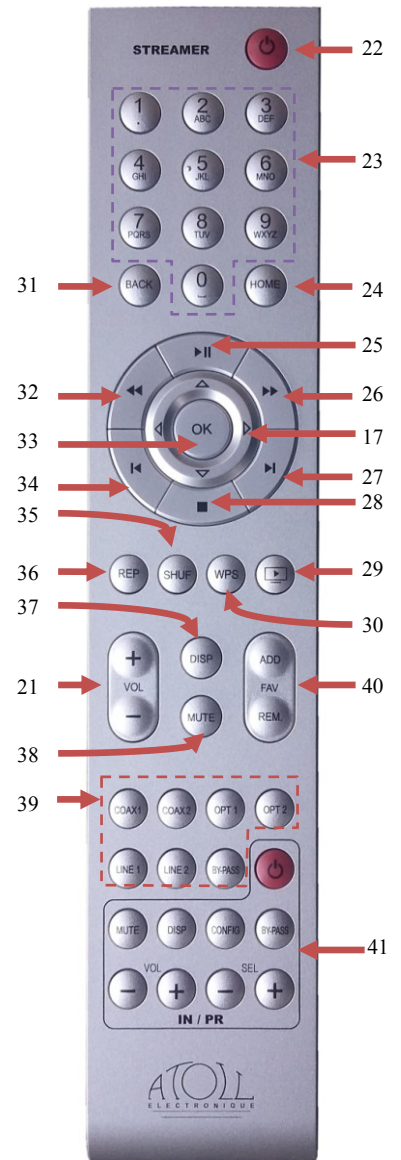
37- **DISP** : Changes of the display mode

38- **MUTE** : Mute key (*not active on by-pass*)

39- **Inputs selection keys**: Coaxial 1 ; Coaxial 2 ; Optical 1 ; Optical 2 ; Line1 ; Line2 ; By-pass (press 4 seconds)

40- **FAV** : Add or remove of a track or radio

41- **Keys IN/PR** : Keys allows to control ATOLL Integrated or Preamp.



2 - CONNECTINGS SETUP

SOURCE MODE OR PREAMPLIFIER (BY-PASS)

This device can be use as a source (like a CD player) or as a preamplifier which gives ability to control the volume.

MS120

Source



Using ST200 Signature as a source directly linked to an Integrated or preamp. **By-pass mode should be active and the By-pass led (16) switch on.**



Integrated like IN200

Preamp



Using the Streamer as a preamplifier directly connected to a power amplifier (or active speakers). **By-pass mode should be not active and By-pass led (16) off.**



Power amplifier like AM200

Rq. : You can switch on every line IN of the integrated

LIAISON TRIGGER

TRIGGER LINK

This appliance is equipped with a Trigger that allows the switch ON/OFF of any amplifier equipped with the same kind of trigger inputs (amplifier ATOLL AM200se).

Appliances must be linked as shown below:

Streamer MS120.



Amplifier like AM200se



In order that the system is operating, the ON/OFF button of your AM200se must remain in position OFF (position (0)). If the switch is in the ON position (I), the amplifier will work but not the Trigger function.

Trigger cable must be a Male to Male STEREO jack plug 3.5mm (1/8")

3 - USES

Starting:

Before switching On your appliance, connect the network cable (RJ45) to switch (10).

For much better results and best performances, we highly recommend to uses a wired connection better than a Wifi connection.

While started, wait for display switch on.

You can use the buttons of navigation (17) of the remote control or the front panel to select the different menus.

On the first connection (or changes in the network configurations) you will have to check the network settings of your appliance. If this setup is not perfectly settle, some of functions of the streamer (internet radios or reading music of your server) will not be operated.

Menus available are:




I - SETTINGS

Network Configuration:

Note: Network configuration starts immediately when a RJ45 cable is linked (11).

Select « Settings » and then « Network Wizard ».

You'll have to select the type of network you need. Press « Network Type » and select « Automatic » « Wired » « Wireless » or "Hybrid".

1/ WIRED If you already plugged the network cable, the device will indicate than the appliance is connected and the symbol  will be shown on the display.

If not, configure the network while choosing "Configure Wired" and then "Manual". Here you can enter directly the IP address.

2/ WIRELESS

In this case, your appliance will be able to find the Wireless connections available in your home.

Advise: We advise to use the WPS button to connect your appliance to your Wifi network.

Press on the WPS button of your internet receiver and then on WPS button of the remote control (30).

Display shows « WPS in progress » then when connection is made display shows « connected ».

If the WPS is not possible, press on « scan ». You'll see the possible Wifi network available in your place. Select yours and, if needed enter the Wifi key.

NB: in some environments (buildings), several networks can be present. Make sure you choose yours.



This symbol indicates the link wireless as well as the strength of the signal.

Network Info:

In this menu you'll find all information about the network : type of network, IP address, Mask, Gateway, DNS...

Language:

This menu allows to select the language of all menus. You can choose between : English, German, Spanish, French, Italian, Nederland, Russian, Polish.

Firmware update:

This menu allows to make update of your appliance. Select "Check for update" some time to time. If there is no update, the display will show "No new updates".

If an update is available, the devices will automatically launch it. This may take several times so let the device run until it starts again.

Factory reset:

This menu allows to restart the device with the factory settings. If you press it, the appliance will start again and in English version. Note that some menus will be refreshed such as PlayQueue or the Favorites Internet radios.

Stream audio Quality:

This menu allows to choose the quality of the audio files between 24bits/192kHz or 24bits/96kHz.

In case of low internet bandwidth prefer 24bits/96kHz quality to avoid any cuts during reading files.

Display:

This menu allows to choose the intensity of the display between Off, Low, Medium or High.

If you select « Off » the display will always get off after few seconds. The display will always get on while pressing any keys or buttons.

This function is also available directly from the key DISP (37) of the remote control.

Power Management:

This menu allows to choose the standby timeout :

- When the device is not working (choice between 5,10, 15 or 30 minutes).
- When the device is working (choice between 1, 8 or 24 hours).

II – PLAYLISTS:

This device allows to create Playlists with all music tracks or albums that are available in your network. Note that it is not possible to add tracks from Streaming services in those Playlists.

You have 3 different menus available:

PlayQueue:

The PlayQueue is a temporary playlist where you can place all tracks one after the other. Places of each track can be changed in the queue line.

Note: All tracks placed in this playlist will be deleted if the device is switch off.

Playlists:

You can create all kind of playlists.

Press on « Create new playlist », name it and press “OK”. All Playlists will appear in the menu.

You'll be able to put all tracks in any playlist of your choice.

With the app, you can change the name of them, activate a random or repeat play, cancel it or add it to a collection.

Collection:

A collection allows to gathered one or several Playlists.

First create a collection and then with the app choose a playlist and add it to a collection.

Note: If your device is not connected to the network or if the source of music (computer, NAS...) is not linked to the network, tracks won't be readable.



To remove a track or radio from Favorites, select it and then press on REM FAV (40) of the front panel.


III - INTERNET RADIO:

This menu allows to access of about 100 000 radio stations and also to podcasts.

Favorites :

This menu offers possibility to have a selection of radio easily accessible.

While playing a radio, you can add it to Favorites by pressing  of the app or with logo  button.

To remove a radio from Favorites, press again on  again.

Those functions are directly accessible also from the remote control with keys ADD FAV and REM FAV (40).

It is possible to choose also radios with other criteria:

History / recommendations / local stations / popular stations / trending / high quality / new stations / filter / search / podcasts.

If you want to search a station by location, by language or by genre, select « filter ».

Podcasts:

This menu allows to get a selection of podcasts available:

Favorites / history / popular podcasts / trend / filter / search

IV - USB FRONT / USB REAR:

Select one of those inputs to read all music files from a USB key or Hard Disk.

Readable files system can be : FAT32, NTFS, EXT 2/3/4.

V – MEDIA SERVER:

This menu allows to get access to all the music files on your network.

While entering this menu, you'll find all different sources available in the network (could be NAS, computer, router...).

While selecting them, you'll have the choice of: Music / photo / video.

Only music files can be read on this device.

Musique:

You can select music files depending of several criteria : (note that this is depending of the information placed on the original files). Selection can be done:

Files / All music / Playlists / album / artist / genre / composer.

Placing tracks in « Playlists » is always possible while pressing  keys.

VI – STREAMING SERVICES:

You have a direct access from the app to those streaming services:

Qobuz

Tidal

Deezer

On first uses, you will have to enter your login and password

Press on Username, fill it and valid by pressing OK.

Press on Password, fill it and valid by pressing OK

Finally press on « login » to valid.

Once your account is valid, you'll be able to get access to all services related to your account:

- Playlists that could be created;
- Favorites (albums, tracks, artists)
- Purchases (by albums or tracks)

VII - BLUETOOTH

Your device is able to receive audio files with a Bluetooth connection from smartphone, tab, computer.

First association:

Go on Bluetooth menu of the Streamer and activate Bluetooth on the source device. Then select the Atoll streamer on your source device. This device name should appears on the display (ATOLL Signature by default).

On the streamer, select your device and then press on "Play".

From this moment, all audio files from your device will be played on the streamer.

Your source device will be connected as soon as the streamer will stay On. You can disconnect your device by pressing "disconnect".

Associate another device:

Before connecting a new device, disconnect the previous one. Run the Bluetooth connection of the new device then go again on Bluetooth menu of the streamer and connect it.

The quality of reception of the signal can be dependent on the power of the Bluetooth emitter and the distance between the 2 devices. Avoid being up to more than 5 meters of your SDA for a correct reception without any risks of signal cuts.

4 - PREAMP / BY-PASS FUNCTIONS:

Your appliance can be use as a preamplifier allowing to manage the volume control and selection of the different sources. It can also be use as a single source (By-pass led switch on).

Connect: as a preamplifier the streamer can be directly connected to a power amplifier. In that case, ensure you to never turn your device on BY-PASS mode. (check scheme p6)

To use the streamer as preamp on BY-PASS mode, press key BY-PASS (39) of the remote for about 4 seconds. You can do the same directly from the front panel while pressing about 4 seconds on keys VOL + & - (21).

Particular case: Affect line1 or line2 as the only by-pass input (for home cinema system insertion):

In PRE-AMP mode you can choose to assign a line input (line1 or line2) as an exclusive bypass input. Simply select one of these inputs and then activates the bypass mode, inputs remain in preamp mode except that particular line input.

VOLUME:

Volume management is done through the keys (21) of the front panel or on the remote control. The volume level is displayed a few seconds on the display. Level is always shown at the top of the display.

SOURCES:

Your appliance has 6 inputs :

- **Line 1**
- **Line 2**
- **Coaxial 1**
- **Coaxial 2**
- **Optical 1**
- **Optical 2**

NB. : Selected source is always follows on display of *

5 - APPLICATIONS:

A free application for iPod Touch, iPad, iPhone, and Android is available to drive your Streamer named **ATOLL Signature**. You can download it freely on line.

As a first step, make sure that your Smartphone is well connected in WIFI on the same network as your Streamer. In this case, your device will appear on the screen of your Smartphone just after starting the application, just select it.

The application will resume the data displayed on the screen the Streamer: logo of the radio station, audio, volume, covers of albums and images.

You can navigate through the menus and adjust the analog volume level.

Our applications can be regularly updated so are able to be improved in there functionalities.

Search for:

When you need to search for a special track or radio, you'll need to press on « search », then « Searching for », then indicate it, valid while pressing « OK » and then press « search ».

On music web services (Tidal, Qobuz, Deezer) you can add filters on your research (All / title / Albums / Artists / playlists).

TABLE OF PROBLEM SOLVING

Possible Troubles	Possibles Solutions
No sound	<ul style="list-style-type: none"> - Check your RCA connections - Have you selected the correct source? - The volume can be zero.
Impossible to access to the Network	<ul style="list-style-type: none"> - Enter the WAP key again. - Make sure that the antenna is the supplied template (male connector) and that it is well screwed on its base.
No recognition of the USB stick.	<ul style="list-style-type: none"> - Check if the format is compatible.
Frequent loss of the Wifi network.	<ul style="list-style-type: none"> - Make sure your box and your Streamer are not confined or too far apart. - Choose a wired connection or with Powerline adapters for example.
The device stops responding.	<ul style="list-style-type: none"> Press 2 times on key HOME (24) Turn off the power switch level before restarting.

✂

WARRANTY – MS 120

to present to your dealer and to join with your purchase invoice when sending back the appliance to the service center or to the address below:

ATOLL ELECTRONIQUE®
Bd des Merisiers
50370 BRECEY

CONDITIONS DE GARANTIE :

This device was made to give you complete satisfaction.
Atoll electronics warranty is two years from the date of purchase of the equipment, date and stamp of the seller being authentic. We recommend you to keep your proof of purchase (invoice) with this coupon properly filled.
The warranty, as well as the terms of service should you be specified at the time of purchase by your dealer who will advise you, in case of faulty behavior or failure.
This warranty covers labor and replacement of parts acknowledged to be faulty and not their normal wear and tear caused by. Devices with traces of disassembly, drop, immersion, or abnormal voltage or any cause of degradation in the appliance and damage resulting from a use contrary to the indications included in the operating instructions, automatically lose the benefit of the guarantee.

Buying Date:

Address:

Buyer's Signature:

Dealer's Stamp

ATOLL Electronique® is a French brand that designs manufactures and markets all its products.