

# Arylic

## A100

### User's Manual



## Wireless Multiroom Full Digital HiFi Amplifier

200W

100Wx2ch



Spotify Connect



AirPlay



Multi-Room



FM Radio



KTV



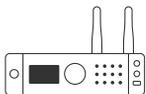
## Table of contents

1. Introduction .....	1
2. What's in the box .....	1
3. Specification .....	2
4. Front Interface.....	3
5. Back Interface .....	4
6. Touch Button functions .....	5
7. How to use .....	6
7.1 App download .....	6
7.2 Network Connection .....	7
7.3 Bluetooth Connection .....	7
7.4 Line in Connection .....	7
7.5 Optical in Connection .....	7
7.6 Phono in Connection .....	7
7.7 USB Back .....	8
7.8 USB Front .....	8
7.9 Coaxial in Connection .....	8
7.10 FM Radio .....	9
7.10.1 Search for FM radio channels .....	9
7.10.2 Store radio station for quick access .....	9
7.11 Spotify Connect.....	10
7.12 AirPlay.....	10
7.13 Internet Radio.....	10
7.14 Multiroom/Multizone Function .....	10
7.15 Restore Factory Settings .....	11
7.16 Firmware Update.....	11

## 1. Introduction

A100 is a WiFi and Bluetooth 100W x2ch amplifier comes with many analog and digital inputs including line input, phono input, optical input and coaxial input. It also features FM radio for local radio stations. A100 also build with 2 microphone jacks for broadcasting voice message or even for KTV. You can stream music from your smart device, Spotify or AirPlay. With multiple devices you can also setup a wireless multiroom or multizone audio system, to playback the same music at the same time in different places.

## 2. What's in the box



Main unit x1



User's Manual x1



2-2 RCA Cable x1



Power Cable x1



Antenna(3dB) x2

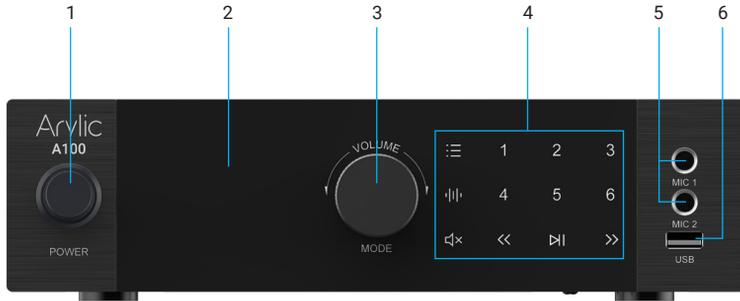


FM Antenna x1

### 3. Specification

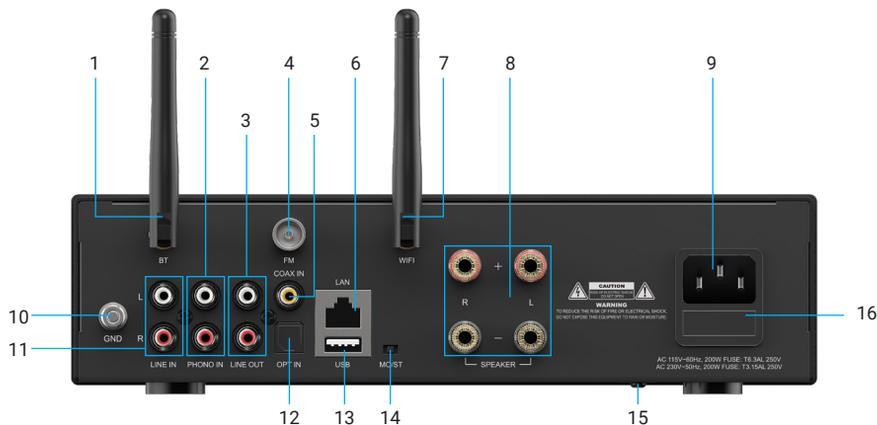
Specification		
Network	WiFi	IEEE802.11 b/g/n 2.4G
	LAN	10/100M RJ45
	Bluetooth	5.0
Amplificaiton	Speaker Power	100Wx2 @4ohm / 60W x2@8ohm / 200W @2ohm (mone)
	Spekaer Impedance	4 - 8 ohm
	Frequency Response	20Hz - 20kHz
	THD+N/SNR	0.03% / 91dB
Audio Output	Speaker Out	Banana Plug
	Line Out	RCA
Audio Input	Line In	2 Vrms
	Phono In	MM / MC
	Optical In	PCM
	Coaxial In	
	Mic In	2x Microphone input
	USB Front	USB flash drive playback & USB DAC for PC
	USB Back	USB flash drive playback
	Radio	FM Radio
Display Panel	2.4" OLED	
Buttons	12 Touch Buttons	
	Volume Knob + Button	
Remote Controller	IR	
Power	Build-in PSU	115-230V AC 50/60Hz
Size	24.8x21.5x6.4 cm	
Weight	3.9 kg	
Music Sources		
Streaming Protocol	Spotify Connect, AirPlay, Qplay	
Internet Radio	Arylic Radio, YouRadio	
Local Music	Mobile device music, USB flash drive music files, FM Radio	
Free Mobile APP	Go Control	

## 4. Front Interface



1. Power Button: For power on/off
2. Display Panel: For display status and menu options
3. Volume Knob:
  - Turn left to reduce volume / Move upward in menu
  - Turn right to increase volume / Move downward in menu
  - Press to switch input mode / Select menu item
4. Touch Buttons: Function buttons for different options
5. Mic1 and Mic 2: For microphone
6. Front USB port: To connect USB flash drive for music file playback or work as USB DAC for connected PC

## 5. Back Interface



1. BT Antenna: for Bluetooth connection
2. Phono in: analog input for connection from turntable
3. Line out: analog output for connection to external device
4. FM Antenna: for receive FM radio channels
5. Coaxial in: digital input for connection from external device
6. LAN port: RJ45 wired connection to router
7. WiFi Antenna: for WiFi connection
8. Speaker Terminals: for connection to passive stereo speakers
9. AC power socket: to connect the power cable
10. GND: ground port for phono input
11. Line in: analog input for connection from external device
12. Optical in: digital input for connection from external device
13. Back USB port: to connect USB flash drive for music file playback
14. Mono/Stereo switch: to switch between mono or stereo output
15. 115V/230V switch: to switch between 115V or 230V AC power
16. Fuse holder: exchangeable fuse for electrical safety

## 6. Touch Button functions

### 1. Mode Menu button:

- Single click to open the current mode menu function.
- Long press to restore factory settings.
- In WiFi mode: the interface will prompt the user to complete the network configuration process or change to another network if network is already connected.
- In Bluetooth mode: You can disconnect the current Bluetooth connection and enter pairing mode for connection to another Bluetooth device.
- In Line in mode: You can adjust the gain from 0dB - 10dB.
- In Optical in mode: You can switch between 0dB or 10dB gain level.
- In Phono in mode: You can switch between MM or MC phono mode.
- In FM mode: Enter the station list which shows all the available frequency, and you can manually tune to the frequency you want.

### 2. Sound effect button:

- You will see a list of sound effects options such as Treble, Middle, Bass, Balance, Mic Volume and EQ.
- Treble/Middle/Bass: You can increase or decrease the value from -10dB to 10dB.
- Balance: You can change the L/R Balance ratio.
- Mic1/Mic2: You can change the volume of the microphone.
- EQ: You can switch to different preset EQ settings: Flat, Classical, Pop, Jazz, Rock and Vocal.
- Press the Sound effect button again to exit.

### 3. Mute: Mute the audio output

### 4. Number 1-6 buttons:

- In WiFi mode: preset 1-6 channel/song list
- In FM mode: preset 1-6 FM channels, single click to play the stored channel, double click to cancel the channel, long press to save the current channel to the corresponding preset.

### 5. Previous Song button: Play previous song.

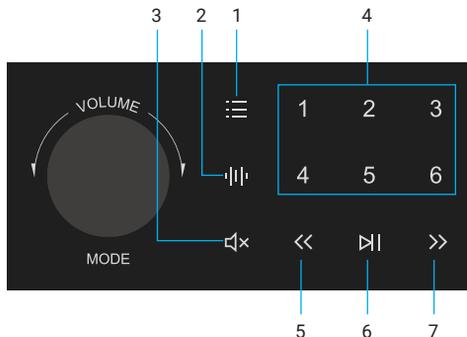
- In FM mode: Search upward to the next found channel.

### 6. Play/Pause button: Play or pause music playback.

- In FM mode: Long press to clear the current radio station list and perform a full scan for available frequency channels.

### 7. Next song button: Play next song.

- In FM mode: Search downward to the next found channel.



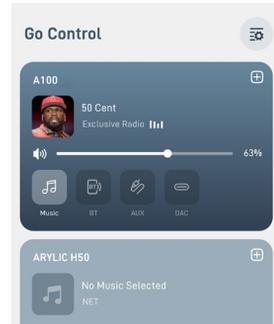
## 7. How to use

### 7.1 App download

Download the Go Control application from App Store for iOS based devices and Google Play Store for Android based devices.

Features:

1. Manage multiple devices in one APP
2. Setup WiFi connection
3. Change audio input mode
4. Playback control
5. EQ settings
6. Group multiple devices together to play music at the same time



### 7.2 Network Connection

#### By Front panel

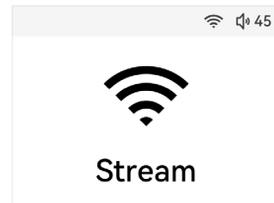
1. After the device bootup, you will see "Stream" on the display screen.
2. Press the Menu button and select YES to continue
3. A list of available routers will show, scroll through to find your 2.4G router and select it.
4. Enter the password for your router if there is one.
5. Once connection is connected, select and click the OK on screen or press the Menu button to exit.

#### By Go Control APP

1. Turn on both Bluetooth and GPS on your phone and open the APP.
2. Wait for the APP to detect your device and click on confirm when it asked for configuration.
3. A list of available routers will show, scroll through to find your 2.4G router and select it.
4. Enter the password for your router if there is one
5. Once connection is connected, you will see the device shows in the APP.

#### By LAN

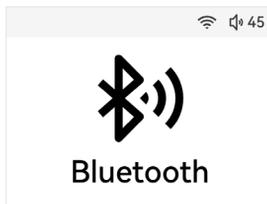
1. Plug in a RJ45 cable to the LAN port and connect it to your router.
2. Once connection is connected, the WiFi icon on the display screen will become without a slash and you will see the device shows in the APP.



### 7.3 Bluetooth Connection

1. Switch the device mode to Bluetooth, by press the volume knob and select Bluetooth or use APP to switch mode.

2. On your mobile device Bluetooth connection settings, find and select A100\_XXXX and connect to it  
To disconnect the current connection, press the Menu button on the front panel and select YES.



### 7.4 Line in Connection

Use the RCA cable to connect to an audio device that has Line output and you will hear the audio.

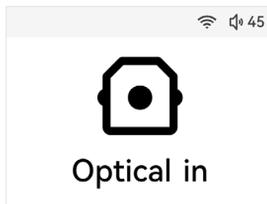
If you press the Menu button, you can increase the input volume up to 10dB.



### 7.5 Optical in Connection

Use an optical cable to connect to an audio device that has optical output and you will hear the audio.

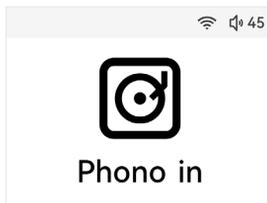
If you press the Menu button, you can change the input volume between 0dB or 10dB.



### 7.6 Phono in Connection

Use the RCA cable to connect to a turntable and you will hear the audio.

If you press the Menu button, you can switch between MM or MC phono mode.



## 7.7 USB Back

The USB port on the back panel is used to playback music files stored in USB flash drive.

The USB flash drive file format has to be FAT16/FAT32/exFAT, can support up to 128GB USB flash drive.



## 7.8 USB Front

The USB port on the front panel is used to playback music files stored in USB flash drive. This USB port supports resume playback function, if you stop playing the music or switch to another mode or unplug the USB flash drive, A100 will start from the last song being played when you enter this mode again.

If you use Go Control APP, you can access the song list which list out all the music files stored in the USB flash drive.

The USB flash drive file format has to be FAT16/FAT32/exFAT, can support up to 128GB USB flash drive.

The USB port on the front panel can also used for connecting to PC to work as external amplifier. Remember to change your PC audio output device to "Up2Stream USB Audio".



## 7.9 Coaxial in Connection

Use a coaxial cable to connect to an audio device that has coaxial output.



## 7.10 FM Radio

A100 will automatically search for FM radio channels and list out all the channels it can detect.

You can access the list by pressing the Menu button on the front panel, the channel will change when you scroll through the list.



### 7.10.1 Search for FM radio channels

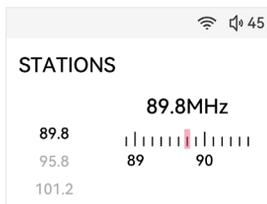
Auto Search:

Press and hold the Play/Pause to do a full search, or Press Rev or Next button to search upward/downward to the next found channel

Manual Search:

You can also manually tune the FM frequency.

1. First press the Menu button to enter the station list.
2. Select one of the available stations as a start point and press the volume knob.
3. Now you can rotate the volume knob to adjust the frequency.
4. Once you find the frequency you want, press the volume knob again to exit.



### 7.10.2 Store radio station for quick access

You can store up to 6 radio stations for quick access.

1. Go to the FM frequency you want to store.
2. Press and hold one of the 1-6 number button.

The current FM frequency will be stored in the corresponding number button, while in FM mode, you can press the number button to switch to the stored FM frequency.

## 7.11 Spotify Connect

A100 support Spotify Connect function, so you can find A100 in the device list on the Spotify application as output device.

Please note, you need to use Spotify premium account and one account can only stream to one device at the same time.

## 7.12 AirPlay

A100 supports AirPlay 1, you can find A100 in the AirPlay device list and play music.

## 7.13 Internet Radio

You can access internet radio in Go Control APP, click on the “Music” icon on the device tap will bring you to a list containing Arlyic Radio and You Radio. These internet radio services contains lot of stations in different gene and different country.

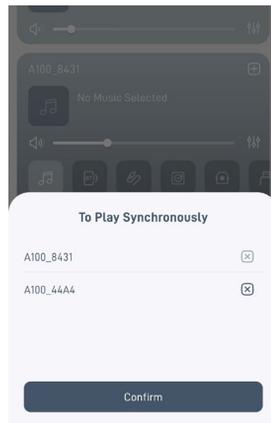
## 7.14 Multiroom/Mulitzone Function

You can group multiple devices together as a group in Go Control APP. The first device will be the master device and any music played in the master device will sync to other devices in the group and they will all play the same music at the same time.

You can change volume as a group, and you can also change individual device volume.

In order to add device to the group, click on the “+” icon on the device that will become the master device, then select the device(s) you want to group on the pop-up list. Click confirm once you are done.

To remove device the group, click on the “+” icon again to bring up the device list and uncheck the device(s) you want to remove. Click confirm once you are done.



## 7.15 Restore Factory Settings

To perform restore factory settings, press and hold Menu button. A100 will prompt you to confirm if you want to proceed.

**DO NOT TURN OFF THE POWER DURING RESTORE FACTORY SETTINGS, OR THE DEVICE WILL BE DAMAGED AND WILL NOT WORK ANYMORE.**

You can also perform restore factory settings in Go Control APP. Please note, all saved settings will be lost and return to default settings.

## 7.16 Firmware Update

You can update the device by using our Arylic Update Tool.

It is a windows software and only works for Windows 10 or above.

Once you finished download the Update Tool, use a USB Type-A to USB Type-A cable to connect A100 (Front USB port) to your PC.

Once it is connected, you should be able to choose "Up2Stream USB Audio" as an audio output device for your PC.

Open the Update Tool and it should recognize your device model and current firmware version, choose the firmware version on the list and click Update to start update your device.

Once update is finished, it will prompt "Update successfully" and you can safely remove the USB cable.

**DO NOT TURN OFF THE POWER OR DISCONNECT THE USB CABLE DURING UPDATE, OR THE DEVICE WILL BE DAMAGED AND WILL NOT WORK ANYMORE.**

You can also upgrade the device by downloading the firmware and put it in the USB flash drive (FAT file system), then plug in the USB flash drive to the USB port on the front panel.

For the update tool and latest Firmware, you can check our website: [www.arylic.com](http://www.arylic.com) or our forum: [forum.arylic.com](http://forum.arylic.com)



Scan the QR codes below for more

Support and After Service : [info@arylic.com](mailto:info@arylic.com)



[www.arylic.com](http://www.arylic.com)



Go Control App



Facebook: arylicme



YouTube:Arylic



**@Copyright 2024 by Arylic. All Rights Reserved.**

The information contained in this guide is believed to be accurate and reliable. Arylic assumes no responsibility for any errors contained in this guide. Arylic reserves the rights to make changes in the specifications and/or design of the above mentioned product without prior notice. The diagrams contained in this guide may also not fully represent the product that you are using and they are for illustration purposed. Arylic assumes no responsibility for any differences between the product mentioned in this guide and the product you may have.

The Spotify Software is subject to third party licenses  
found here: <https://www.spotify.com/connect/third-party-licenses>