How to Configure Roon and Stream to Zidoo Media Players?

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1.Introduction about Roon

Roon is divided into three parts: Core, Control, Output

Core

The core is PC/NAS which installed Roon software. It manages your music collection, extracts and builds a Roon information center from many information sources, that is a music database. All information exchanges are carried out at the Core, including the association of software and hardware, information exchange between hardware and software, Internet data update, etc.

Control

You can use Roon app on many devices (MAC, Windows, iPad, iPhone and Android devices) to browse and play music. The Control system is same as music playback software which is used by everyone now, but all information comes from the Core.

Output

Roon streams music to your audio devices. You can use Roon Control to make them work in different rooms. Any Mac or Windows computer can be the output device. So are Airplay, Squeezebox and Network Music Player. In order to get the best high-perfomance audio, you can use a Network Music Player which have Roon Ready logo.

2.Create a Roon account

2.1 Login in Roon official website on PC to fill information and create an account. <u>https://roonlabs.com/create?from=checkout</u>

First Name 名	Last Name 姓
子	李
Email 邮箱	
@qq.com	
Password 密码	Confirm Password 确认密码
******	••••••
Birth Year* 出生年份	
1960	
	CREATE ACCOUNT
	CREATE ACCOUNT

2.2 Need to bind a VISA credit card to activate the 14-day free trial after the account is created. USD\$1 will be charged to test whether the credit card is valid when. It will be automatically refunded to you after a few minutes. In order to avoid produce extra cost, pls cancel the credit card binding before 14-day trial ended.

START YOUR FREE 14-DAY TRIAL

BILLING	MONTHLY	YEARLY
12 months x \$12.99 Billed yearly		\$155 88 36.00 OFF !
Subtotal		\$119.88
Charged in 14 days		\$119.88
Due today		\$0.00

- Yearly savings.
- ✓ No charge today.
- A reminder email will be sent before your trial ends.
- Your card will be charged for 1 year of Roon in 14 days.
- ✓ Cancel anytime during your trial,
- You can switch to lifetime billing after your trial begins.

A credit card is required to start a trial

Name		
Credit Card Number		
XXXXX XXXXX XXXXX XXXXX XXXXX		
Expiration	Security Code	
MM/YY	123	
Billing Postal Code	Card's Country	
12345	Hong Kong	

3.Install and Configure Roon on WIN10

Preparation

Download Roon from official website: https://roonlabs.com/downloads

Guide for Installation and configuration

3.1 Running the installation package after download Roon successfully, click"Install"

🔕 Roon Setup	– 🗆 X
M	Roon Setup
R	Setup will guide you through the installation of Roon. It is recommended that you close all other applications before starting Setup. This will make it possible to update relevant system files without having to reboot your
	computer. Click Install to start the installation.
7)	
	Install Cancel

3.2 Wait for the installation progress bar to finish, click"Next"

🔕 Roon Setup		_		\times
	Installing Please wait while Roon is being installed.			
Extract: NotoSansCJKjp-B	old.otf 83%			_
Show <u>d</u> etails				
	< <u>B</u> ack Next	t >	Cano	:el

🔕 Roon Setup		—		\times
	Installation Complete Setup was completed successfully.			
Completed				
Show <u>d</u> etails				
	< <u>B</u> ack N	ext >	Cano	el

3.3 Click" Finish" to complete the installation, Roon will run automatically

🔕 Roon Setup	– – ×
T	Completing the Roon Setup
	Roon has been installed on your computer. Click Finish to close Setup.
	Start Roon
	< Back Finish Cancel

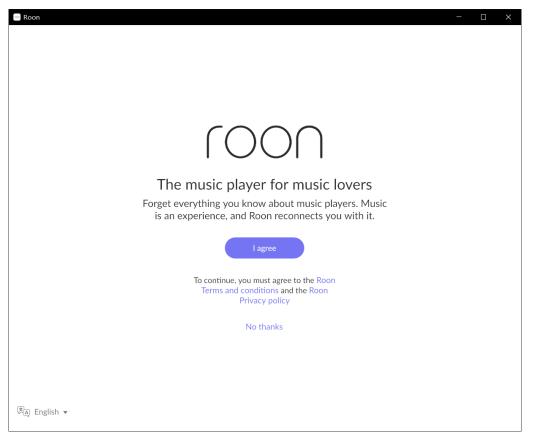
3.4 Default language of Roon is English, click "English" in the lower left corner to switch the language to you want

Roon	- 0
English	
Deutsch	
Français	roon
Nederlands	
Русский	The music player for music lovers
Italiano	Forget everything you know about music players. Music is an experience, and Roon reconnects you with it.
Polski	l agree
Magyar	
简体中文	To continue, you must agree to the Roon Terms and conditions and the Roon Privacy policy
Svenska	No thanks
日本語	
Norsk	
한국어 *	
🔉 English 🔺	

3.5 There will pop up a restart prompt when switch language, click" Restart now" to restart the software.

Roon	<u>-</u>	
$(\cap \cap \cap)$		
roon		
Language changed		
You must restart Roon for the language change to go into effect.		
Restart now		
To continue, you must agree to the Roon		
Terms and conditions and the Roon Privacy policy		
No thanks		

3.6 Click"I agree" to start configuration



3.7 Use Win10 separately to install Roon, click "Use this PC" under "Set up a Roon Core on this PC"

e Roon	—	×
Choose your Roon Core		
The Core is the brain of your Roon system. It manages your Audio devices, music library, and any Roon Remotes on your network.		
music library, and any koon kenotes on your network.		
Find my Roon Core (Nucleus, ROCK, etc.)		
Find my Roon Core		
Set up a Roon Core on this PC		
Use this PC		
R _A English ▼ Configure Roon OS devices on your network		

3.8 Input your Roon account to complete the login. If you don't have an account, click" Start free trial" to register, the new user will be given a 14-day free trial period.

Note: New users need to bind a VISA credit card. USD\$1 will be charged to test whether the credit card is valid when you tie it. It will be automatically refunded to your credit card after a few minutes. In order to avoid produce extra cost , pls cancel the credit card binding before 14-day trial ended.

- Roon				-	□ ×
C Go back			1 Account	2 Music	3 Audio
	$(\cap \cap ($				
	roor				
	Login or sign u				
	Login	Sign up			
	Email address	Don't have an account? Try Roon absolutely free!			
	Password				
	Login Forgot password?	Start free trial			
🦓̃̃̃̃́́́́́́́́́́́́́́́́́́́́́́́́́́́́́́́́́	Restore a backup				

3.9 Click "Add folder" under "Add your music" path

e Roon	- 🗆 X
< Logout	Account Music Audio
Add your music	
Music folder Disab	ble
Add folder	
Your files won't be moved or modified in any way	
Continue	
You can add a storage location at any time.	
(≷(₄) English ▼	

3.10 Add the music folder of computer hard disk and network share. This tutorial takes Synology NAS as an example. Click "Select this folder" in the lower right corner to complete add job after selecting music storage folder

🖃 Roon					-	D X
< Lopout	Choose music storage for Selected folder 量\\192.168.1.5\pt3 > C			•		3 Audio
	[C:] Windows-SSD	Folder listing	C	\uparrow		
	MZVL2512HCJQ-00BL2	□ 2000.周杰伦.JAY				
	D:] Data SAMSUNG MZVL2512HCJQ-00BL2	2001.周杰伦.范特西				
	☐ \\ 192.168.1.5 ×	□ 2001.周杰伦.范特西 PLUS-EP				
		D 2002.周杰伦.Partners 拍档				
		2002.周杰伦.The One 演唱会 2CD				
		2002.周杰伦.八度空间				
		2003.周杰伦.寻找周杰伦				
	+ Add network share	2003.周杰伦.叶惠美				
🖗 English	New folder	Select this folder		Cancel		
MAJ English						

3.11 Add multiple music folder paths one by one under this option, click "Continue" when all of them are added

Roon		—	
< Logout	Account	2 Music	3 Audio
Add your music			
Disable			
등 \\192.168.1.5\pt3 > □ 音乐 > □ 周杰伦 Remove Remove			
Add folder			
Your files won't be moved or modified in any way			
Continue			
You can add a storage location at any time.			
(Ž) English ▼			

Roon			—	
🕻 Go back		Account	-2 Music	3 Audio
	۸dd a m	nusic service		
	Add a fi	ועזור זכן עורב		
	artists you love. Discover ne	illions of lossless albums from the ew favorites, and add them to your with a single click.		
	*** TIDAL	Q qobuz		
	Stream millions of lossless and MQA tracks.	Enjoy millions of High resolution tracks, up to 24/192.		
	Start a free trial today!	Enjoy 1 month free!		
	Get started	Get started		
	Ν	No thanks		
⁽ ≹A) English ▼		vo trafiks ays add a music service later.		

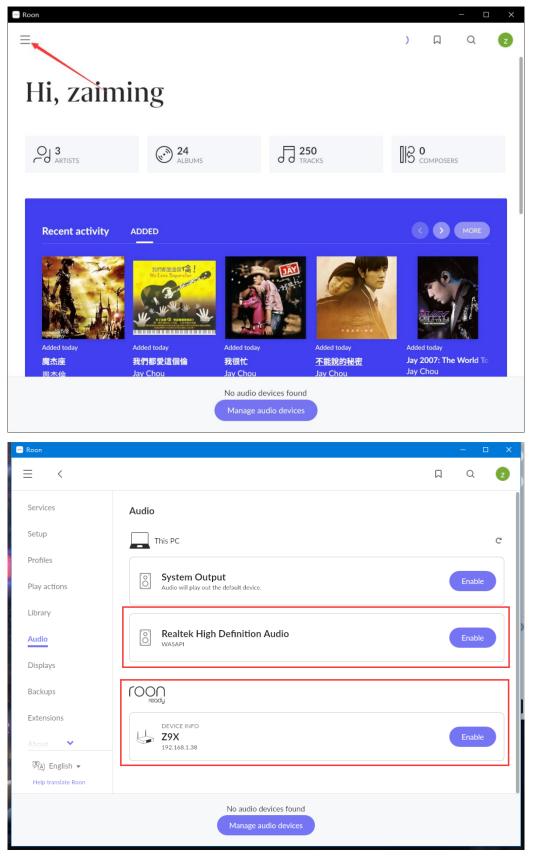
3.12 Below step can be skipped, click" No, thanks"

3.13 Below step can be ignored, click"Finish"

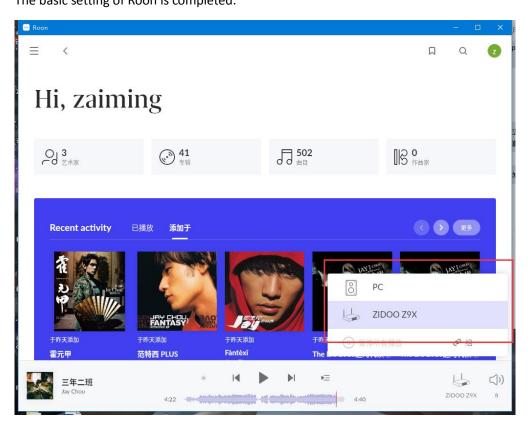
Roon						_	
K Go I	back				Account	Music	
		Set up your	Audio dev	rices			
		ect any supported Audi ur Roon Core and they'			or		
	Т	his PC					
		System Output Audio will play out the default device.	Enable				
		Show	v1more ▼				
)					
	4	device info Z9X	Enable				
			Finish				
ह्यू English	*	Don't worry, you can a	add audio devices at any t	time.			

3.14 Click the icon in the upper left corner to enter Settings→Audio, "Enable" WASAPI under "This PC" and "Z9X" under Roon Ready option

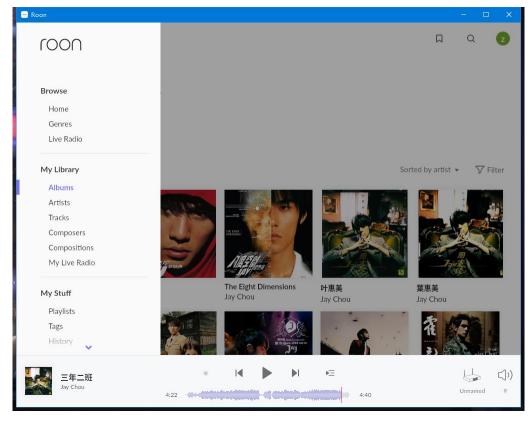
Note: PC and Zidoo player should be in the same LAN



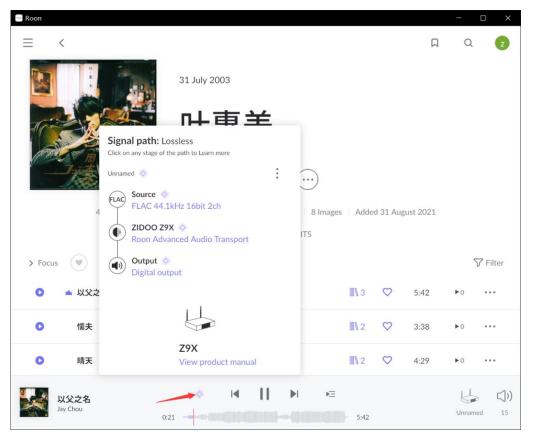
3.15 Finally, return to the main interface of Roon, click the icon" ZIDOO Z9X" in lower right corner to select the device you want to make a sound. PC means sound will be output from computer, and if you select ZIDOO Z9X, the player will output the sound. The basic setting of Roon is completed.



3.16 Enter "My Library" to play a song at will, Roon will stream it to your audio devices.



3.17 Click the left arrow icon on the playback interface to check the details of current music.



4.Install Roon Core on Synology, Win10 control and stream to Zidoo player

Tutorial takes Synology DSM6.1 as an example

Preparation

Introduction about install Roon Core on NAS in offcial website https://help.roonlabs.com/portal/en/kb/articles/roon-server-on-nas

Installation package of Roon on Synology NAS

DSM6.x(x64):

https://roononnas.org/builds/Synology/RoonServer_Synology_x86_64_2021-03-08.spk

DSM7(x64)

https://roononnas.org/builds/Synology/RoonServer_Synology_DSM7_x86-64_20210809-beta.spk

For other NAS systems, please login Chris Rieke's official website for downloading https://roononnas.org/de/roon-auf-nas/

Note: Roon officially recommends that the NAS needs at least 4GB of

memory. It is recommended to install Roon Core into the SSD hard disk.

Guide for installation and configuration

4.1 Login Synology DSM and enter the Control Panel \rightarrow Shared Folder \rightarrow Create new shared folder of Roon Server, click" ok" to save the folder.

3	C	ontrol Panel		- = ×	
Search	Create - Edit Delete	Encryption - Action -	Y Search	Eŧ	
File Sharing		Create New Sha	ed Folder		
 Shared Folder 	General Advanced				
File Services	Name:	RoonServer			
File Services	Description:				
🥊 User	Location:	Volume 1 (Available: 402.37 GB)			
Group Connectivity QuickConnect External Access	Hide sub-folders and f	a Recycle Bin emptying schedule			
Network	Confirm key: Add encryption k Note: How to enable	ey to Key Manager Key Manager to manage encryption ko	295		
A DHCP Server					
				ок	Cancel

4.2 Enter Package Center→Settings→General→Trust Level to check" Any publisher", then click "ok".

	Package Center P — 🗆	
₽ - Search	Manual Install Refresh Settings	Ξŧ
🚽 Installed	Installed	
xplore	Settings	
	General Beta Auto Updates Package Sources Certificate	
Recommended		
All	Notification	
-	An email or desktop notification will be sent or displayed when updates are available.	
S Backup	Enable email notification	
🚷 Multimedia	Enable desktop notification	
-	Trust Level	
Business	Allow installation of packages published by:	
Security	Synology Inc.	
	Synology Inc. and trusted publishers	
🗶 Utilities	Any publisher	
🚀 Productivity	Payment	
_	Additional third-party payment processors may be available in specific regions.	
> Developer Tools	Enable additional payment methods	
Community		
-	OK Close	

4.3 Click Manual Install, will pop up the option box, click"Browse" to upload local Synology plug-in installation package **RoonServer_Synology_x86_64_2021-03-08.spk, then"Next**"

3	Package Center	
Ω - Search	Manual Install Refresh Settings	E
	Installed	
xplore	Manual Install	×
Recommended		
All	Upload a package Please select a file.	
o Backup	File: RoonServer_Synology_x86_64 Browse	
🞗 Multimedia		
Business		
Security		
Vtilities		
Productivity		
>_ Developer Tools		
Community	Next	Cancel

4.4 Select a destination volume to install the package. SSD hard disk is recommended as the installation location, then click "Next"

Roon Server - Install	×
Select a destination volume to install the package	
Volume 1 (Available: 402.39 GB) -	
Always install new packages on this volume in the future	
Back Next Cance	əl

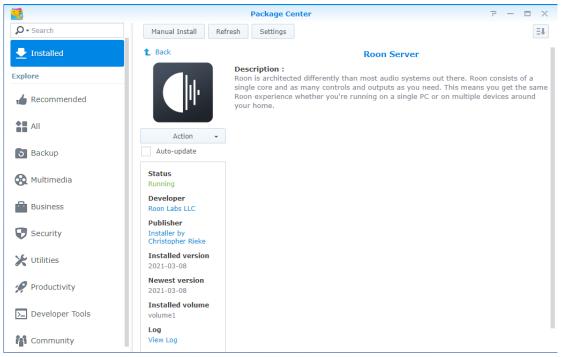
4.5 Check "I already took care of it", click "Next"

Roon Server - Install	x
Before installing	
Create a shared folder "RoonServer" (case-sensitive!) before you install.	
 The shared folder has to be set up in the shared folder section of your Diskstation's Control Panel and can be: a regular shared folder on your internal storage drives. an external USB storage device, which has been renamed to "RoonServer". an eSata storage device with "RoonServer" entered in the description field. I already took care of it. 	
Back Next Cancel	

4.6 Click" Apply" and wait a while until the installation is complete

	Roon Server - Install
Confirm settings The wizard will apply the	following settings and start updating the package.
Item	Value :
Package name	Roon Server
Newest version	2021-03-08 Roon Server
Developer	Roon Labs LLC
Publisher	Installer by Christopher Rieke
Installed volume	Volume 1 (Available: 402.39 GB)
Description	Roon is architected differently than most audio systems out there.
	Roon consists of a single core and as many controls and outputs as
	you need. This means you get the same Deep synariance whether
✓ Run after installation	
Back	Apply Cancel

4.7 Enter Roon Server to check the status, If the status shows"Running", means Roon Core is installed on Synology.



4.8 Roon will search for the Roon Core which is installed on Synology NAS automatically when you enter" Choose your Roon Core" interface, Click" Connect"

😑 Roon	-	×
Choose your Roon Core		
The Core is the brain of your Roon system. It manages your Audio devices, music library, and any Roon Remotes on your network.		
LIZI-NAS Linux 3.10.102/192.168.1.5, Version 1.8 (build 814) stable Connect Ready		
Set up a Roon Core on this PC		
Use this PC		
Raj English ▼ Configure Roon OS devices on your network		

4.9 Input your Roon account to complete the login. If you don't have an account, click" Start free trial" to register, the new user will be given a 14-day free trial period.

Note: The new user need to bind a VISV credit card. USD\$1 will be charged to test whether the credit card is valid when you tie it. It will be automatically refunded to your credit card after a few minutes. In order to avoid produce extra cost , pls cancel the credit card binding before 14-day trial ended.

🔤 Roon				—	
🕻 Go back			1 Account	—(2)— Music	3 Audio
		$\Big)$			
	Login or sign u	p			
	Login	Sign up			
	Email address	Don't have an account? Try Roon absolutely free!			
	Password				
	Login Forgot password?	Start free trial			
⊠a) English ▼	Restore a backup				

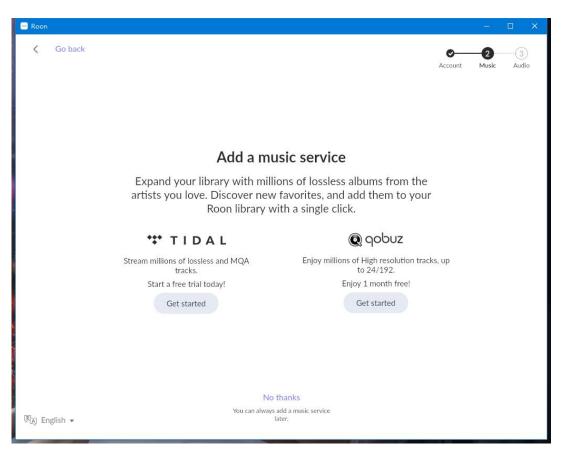
4.10 Click "Add folder" under" Add your music"

e Roon	-	
< Logout C-Account	2 Music	3 Audio
Add your music		
If you keep your music on a USB drive or NAS, click "Add folder" below to import your collection.		
Add folder		
Your files won't be moved or modified in any way		
Continue You can add a storage location at any time.		
® _[ā] English ▼		

4.11 Roon will list all shared folders in Synology NAS automatically, select your music folder path, click"Select the folder" to save the settings, then click" Continue"

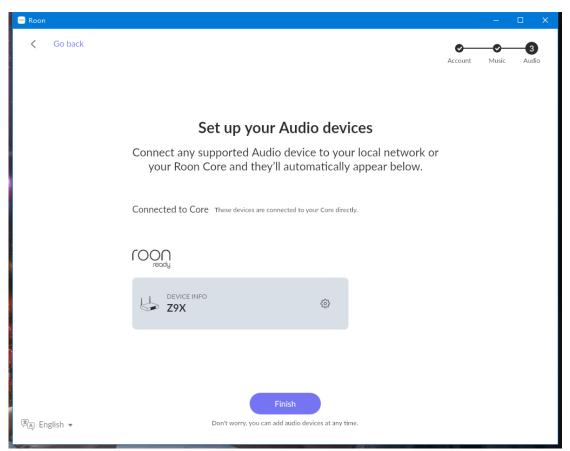
📟 Roon					—	
🕻 Logout	Choose music storage for Selected folder R LIZI-NAS > O Synology	older y DS3615xs 〉 〇 pt3 〉 〇 音乐 〉 〇 周杰伦		•	3 Isic	Audio
	Synology DS3615x	Folder listing	C	^		
	1510LWN119500, DSM	2000.周杰伦.JAY				
		2001.周杰伦.范特西				
		2001.周杰伦.范特西 PLUS-EP				
		□ 2002.周杰伦.Partners 拍档				
		2002.周杰伦.The One 演唱会 2CD				
		2002.周杰伦.八度空间				
		2003.周杰伦.寻找周杰伦				
		2003.周杰伦.叶惠美				
	+ Add network share	C ==4.1 m ≠				
	New folder	Select this folder	C	Cancel		
▲ English ▼						

4.12 Click" No, thanks" for this step

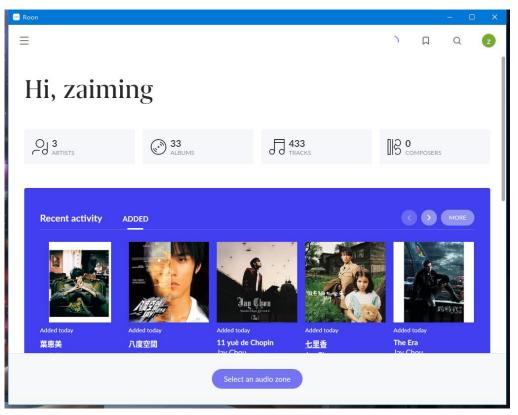


4.13 Set up your Audio devices. If Z9X which in the same LAN is powered on currently, Roon will search for it automatically. Click " Enable", the icon will change to gear. Then click" Finish"

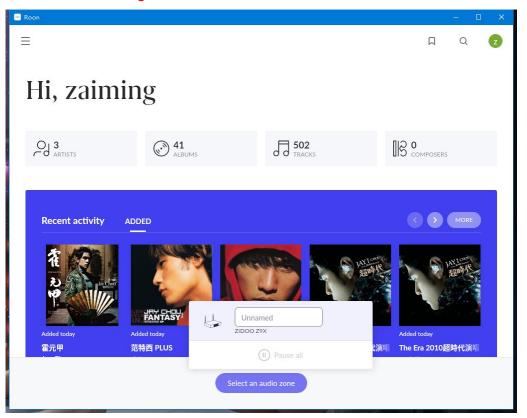
Roon	- 0	×
Coback	Account Music Audio	2
Set up your Audi	o devices	
Connect any supported Audio devic your Roon Core and they'll auton		
Connected to Core These devices are connected to yo	our Core directly.	
	nable	
Finish		
Raj English ▼ Don't worry, you can add audio dev	vices at any time.	



4.14 In main interface of Roon, click "Select an audio zone"



4.15 Select ZIDOO Z9X, you can customize the device name at the same time. Roon configuration is completed.



Note: If you want output the music from computer, click the three horizontal icon in the upper left corner enter Settings-Audio-" Enable" WASAPI under "This PC"

4.16 Enter "My Library" to play a song at will, Roon will stream it to Z9X

😑 Roon						
≡ <					Q	Z
	31 July 2003 叶恵美 Jay Chou					
48 minut	tes ☆☆☆☆☆ FLAC 44.1kHz 16bit ∫10 8 Images	Added 3	31 Augus	t 2021		
	TRACKS CREDITS					
> Focus						V Filter
🖸 🖬 以父之名		∭\3	\heartsuit	5:42	▶0	
● 懦夫		[]\ 2	\heartsuit	3:38	▶0	
● 晴天		[]\2	\heartsuit	4:29	▶0	
以父之名 Jay Chou		5:42			ZIDOO Z	(」)) 9X 15



5. Install and Configure Roon on mobile phone

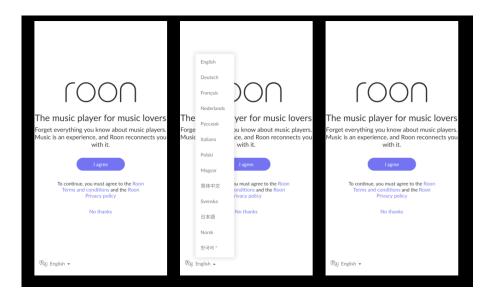
The tutorial takes an Android phone as an example

Preparation

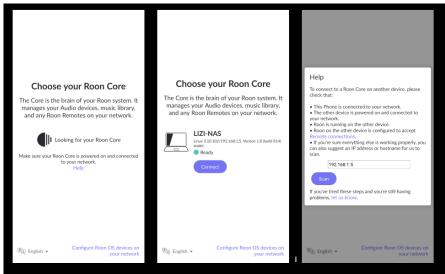
Official download address for Roon on mobile phone Android : <u>https://download.roonlabs.com/builds/RoonMobile.apk</u> Apple iOS : https://itunes.apple.com/WebObjects/MZStore.woa/wa/viewSoftware?id=1014764083&mt=8

Guide for installation and configuration

5.1 Startup ROON, switch the language to you want

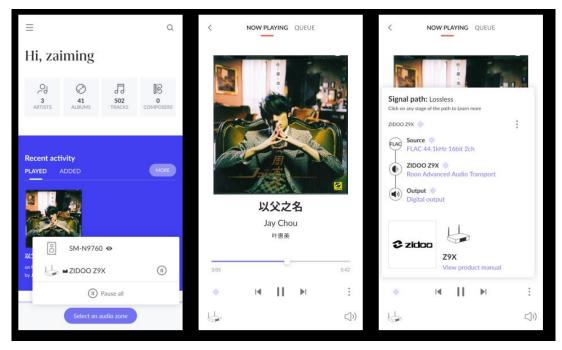


5.2 Mobile phone connect to WIFI, the software will search for Roon Core which is installed on the computer and Synology NAS in the LAN automatically. Click "Connect" to complete the match. Note: If automatic search fails,pls click"Help" to manually input the IP of the Roon Core to pairing connection.



5.3 After complete the settings, enter the main interface of Roon without login. Click "Select an audio zone"at the bottom of interface \rightarrow select "ZIDOO Z9X", then can control the Roon stream the music to Z9X

Note:Because Roon Core is installed in Synology NAS, you can use mobile phone to control the playback even without turning on computer



5.4 If you want output the music from mobile phone or computer, click the three horizontal icon in the upper left corner to enter Settings→Audio to enable corresponding device, then switch the audio zone from ZIDOO Z9X to your mobile phone or PC.

≡ <	Q	=	Q
Play actions Library Audio Displays Bac	kups Exte	Hi, zaiming	
Audio This Phone	C	Ol Ol I 3 41 502 ARTISTS ALBUMS TRACKS CON	0 MPOSERS
SM-N9760 Audio will play out the default device.	0		
COON DESKTOP-OQ81Q/1 192.168.1.175 Windows 10	C	Recent activity PLAYED ADDED	MORE
System Output Audio will play out the default device.	able	Unnamed ziooo zyx	
Unnamed Realtek High Definition Audio WasaPi	٢	P+1 Realtek High Definition Audio Jay SM-N9760 ♥	
		Re (II) Pause all	
Select an audio zone		Select an audio zone	

Tutorial Ended here.