

QNAP

NAS



to stream millions of songs from

Spotify

# Enjoy the hottest Streaming Music with NAS



- 01 Why Should You Give Spotify a Try
- 02 How to Use Spotify with QNAP NAS
- 03 Versatile Audio Output Approach
- 04 Versatile HD Station Manipulation Approach



# Why Should You Give Spotify a Try

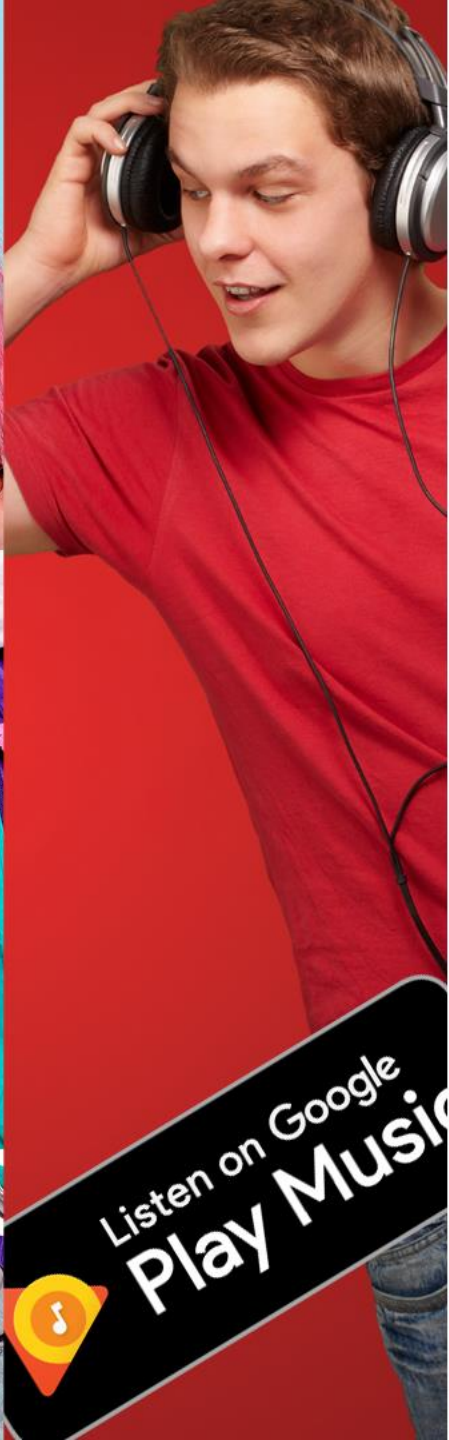


**QNAP**

NAS  
×  
Spotify

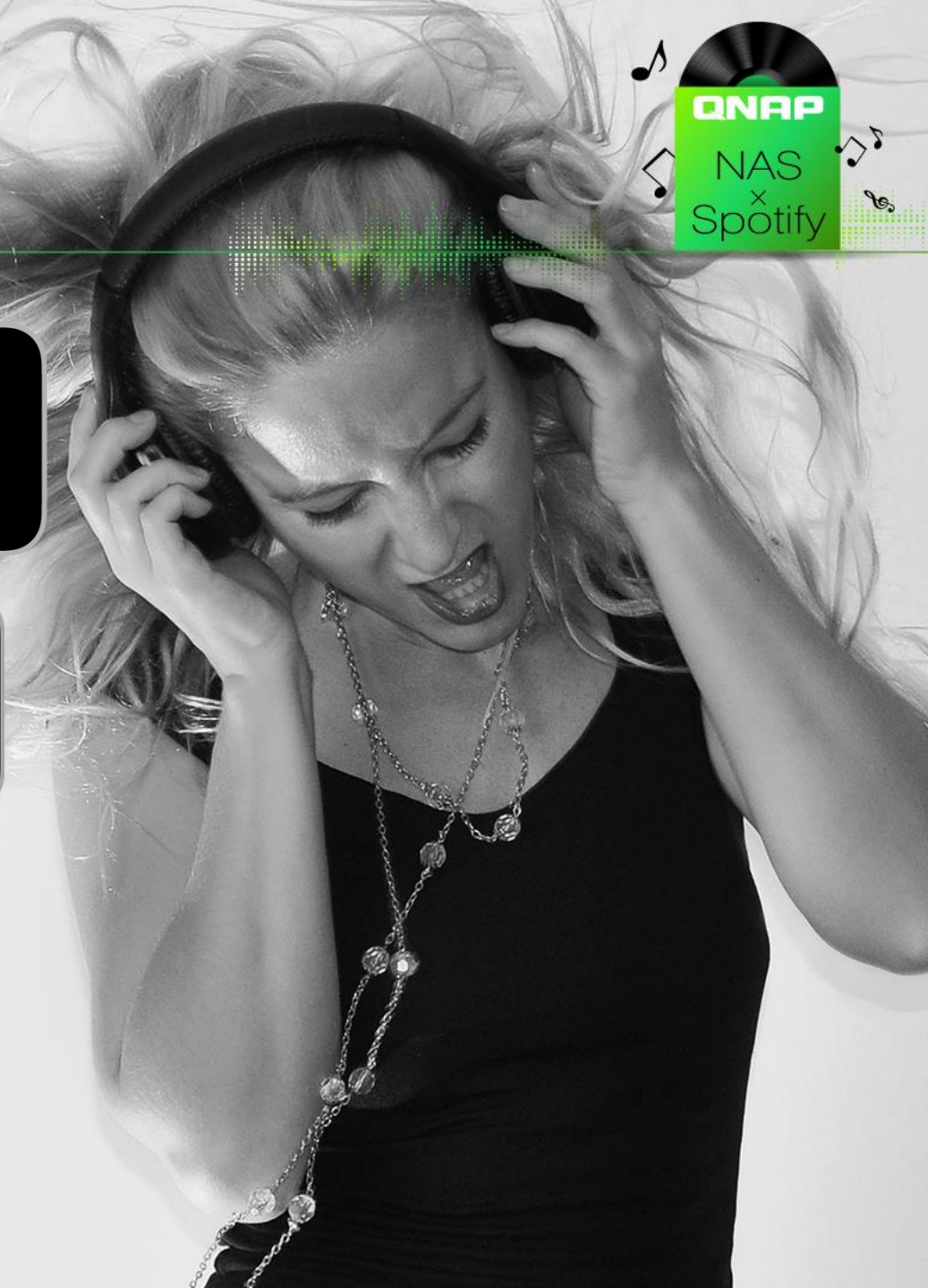
amazon music

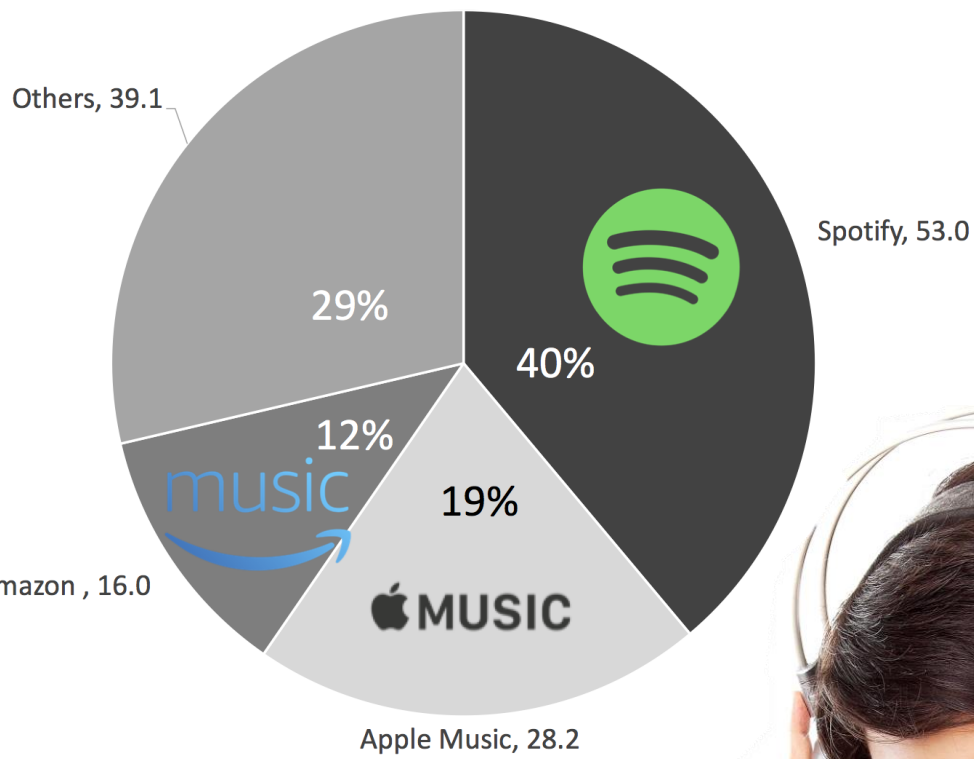
KKbox



Music streaming is widely used by people nowadays

# Famous Online Streaming Platforms





Note: Figures are in millions and refer to commercially active subscribers  
Source: MIDiA Research and company reports

136.3 million subscribers globally

35% of Prime subscribers are Prime Music users



# The Most Popular Music Streaming App worldwide

The best part is that you can use it for free.

Sign up,  
and enjoy your favorite music  
and other millions of songs.

No  
credit card.

No trial  
expiration.



# Strong Music Recommendation



Spotify®

## Spotify Radio:

Create a Radio station with any song, album, artist, or playlist. You can then personalize the station as you listen to make it match your taste.

## Fresh Finds

Search the globe to find the finest independent and emerging tracks and compile them into a series of weekly playlists.

## Personalize Your

### Daily Mix

Load with your favorite tracks and artists, plus a few recommendations.

### Discover Weekly

Everyweek Spotify builds a playlist for you of tracks based on your taste but that you may have never heard before!

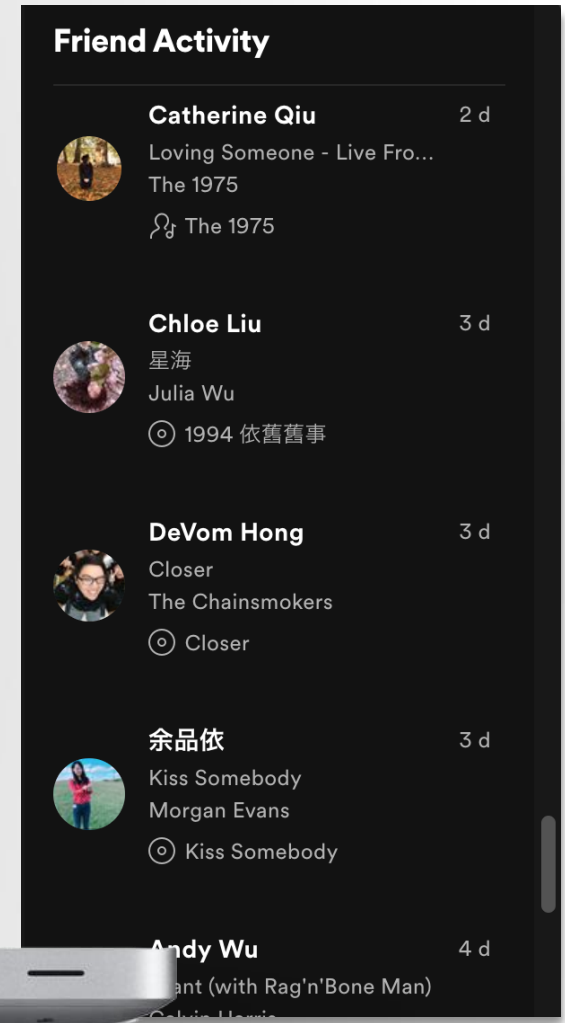
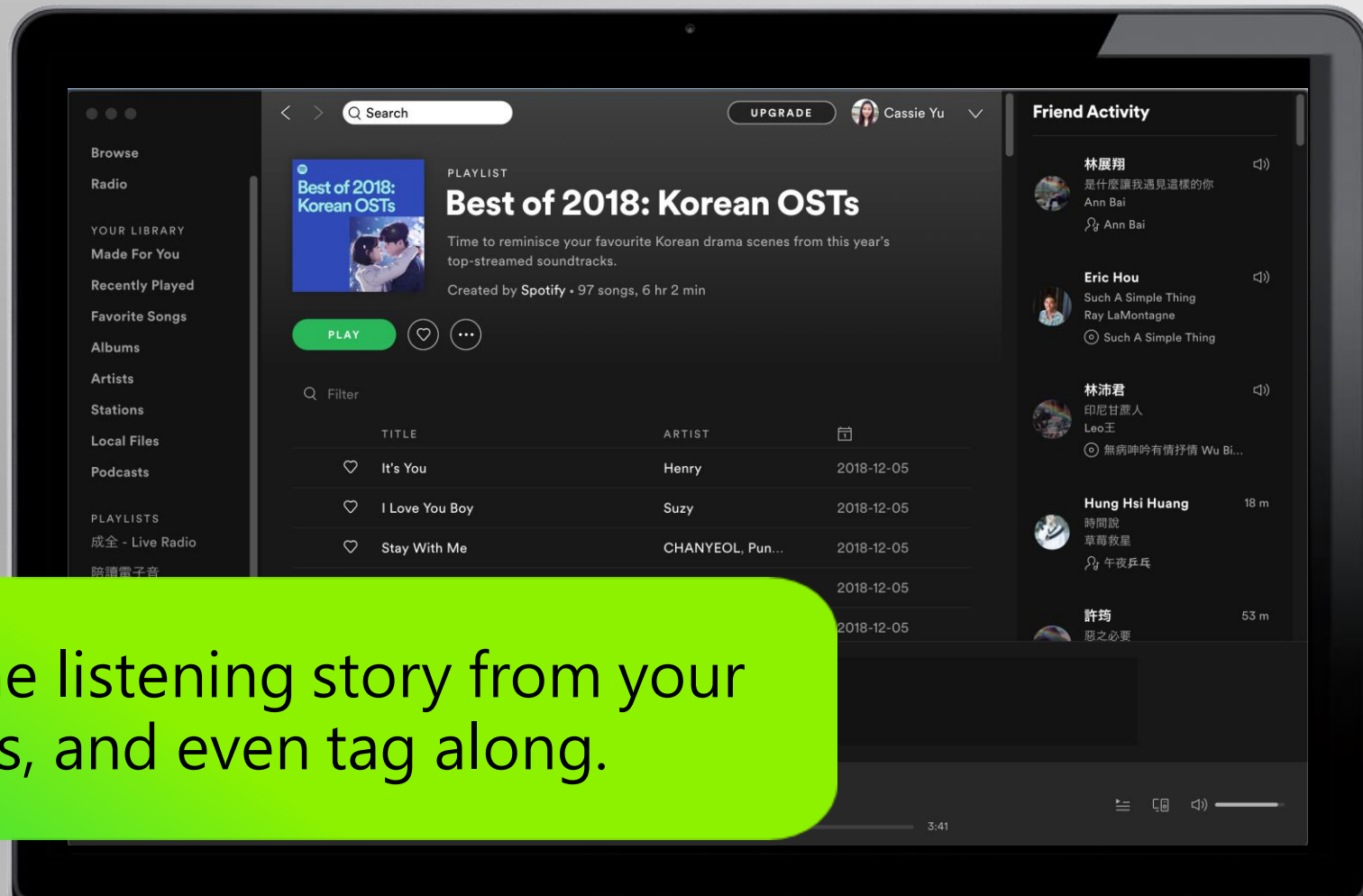
### Release Radar

New releases recommended just for you.



# Share the music experience

# Log in with Facebook ID and connect with friends!



See the listening story from your friends, and even tag along.

- Browse
- Radio
- YOUR LIBRARY
- Made For You
- Recently Played
- Favorite Songs
- Albums
- Artists
- Stations
- Local Files
- Podcasts
- PLAYLISTS
- 成全 - Live Radio
- 陪讀電子音



PLAYLIST

# Best of 2018: Korean OSTs

Time to reminisce your favourite Korean drama scenes from this year's top-streamed soundtracks.

Created by Spotify • 97 songs, 6 hr 2 min

PLAY

Filter

	TITLE	ARTIST	
	It's You	Henry	2018-12-05
	I Love You Boy	Suzy	2018-12-05
	Stay With Me	CHANYEOL, Pu	

- Catherine Qiu** 2 d  
Loving Someone - Live Fro...  
The 1975
- Chloe Liu** 3 d  
星海  
Julia Wu
- DeVom Hong** 3 d  
Closer  
The Chainsmokers

- Facebook
- Messenger
- Twitter
- Telegram
- Skype
- Tumblr
- Copy Song Link
- Copy Embed Code
- Copy Spotify URI

- Add to Queue
- Go to Song Radio
- Go to Artist
- Go to Album
- Show Credits
- Save to your Favorite Songs
- Add to Playlist >
- Remove from this Playlist
- Share >

Listen to a track in shared memory  
Share to the person you first thought of.

I'll Pick You Up   
Standing Egg

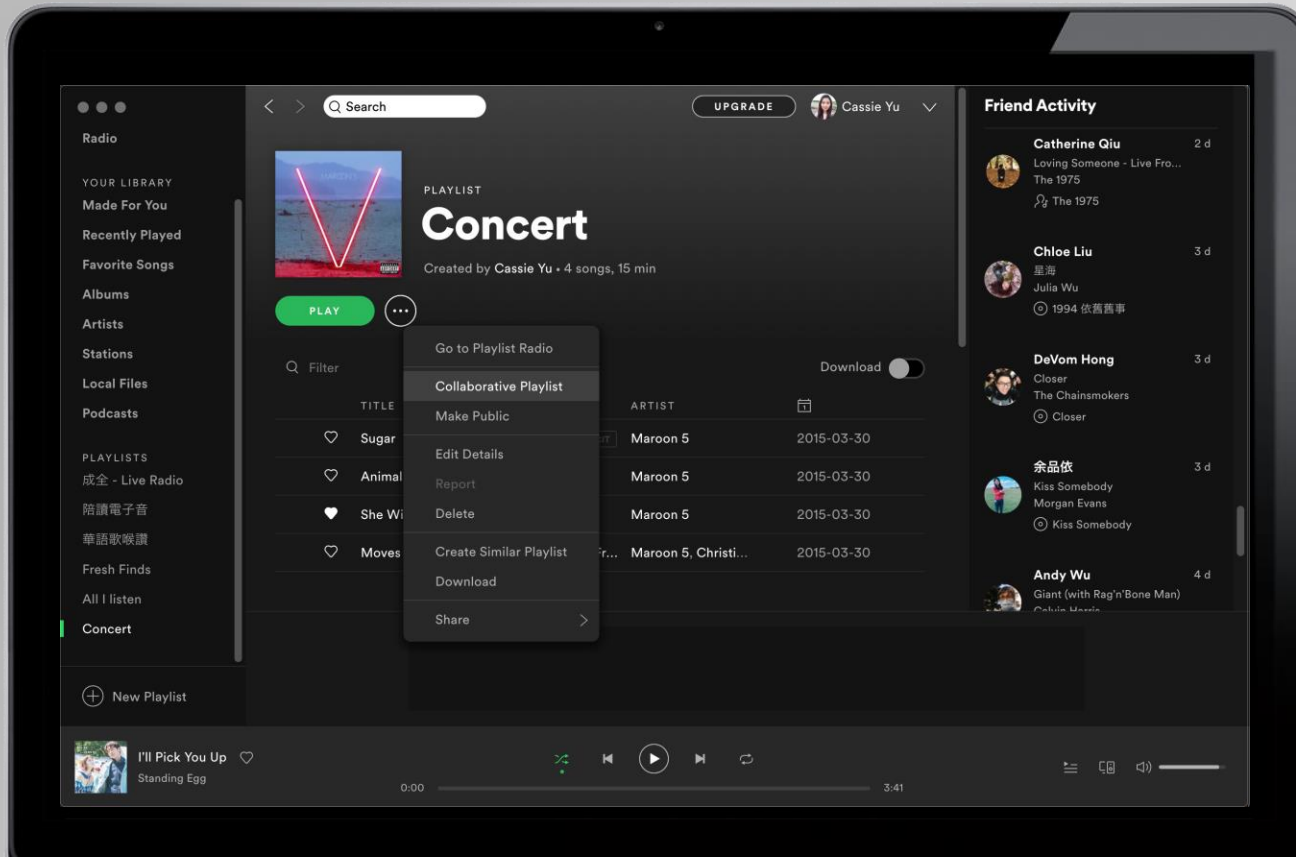
0:00

# Collaborative Playlist

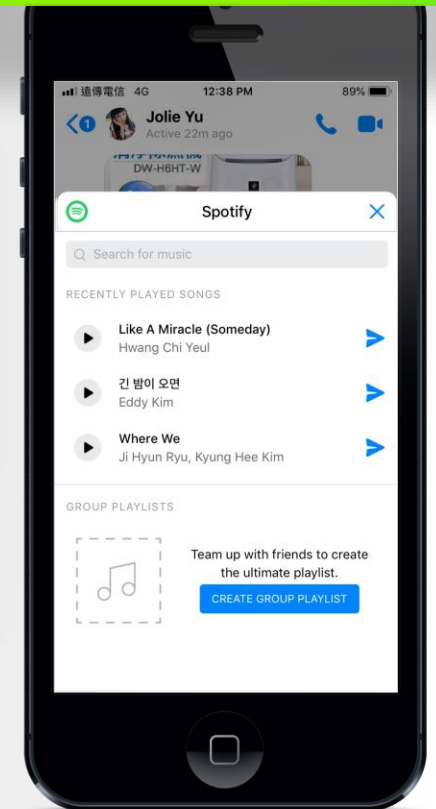


Team up to make the ultimate playlist! Just set any playlist to **Collaborative** and your friends will be able to add, delete, and reorder the tracks.

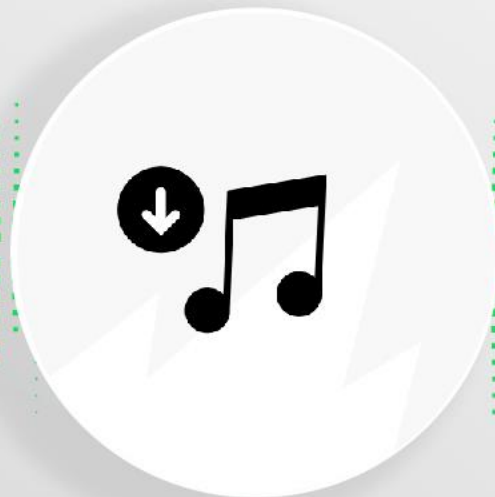
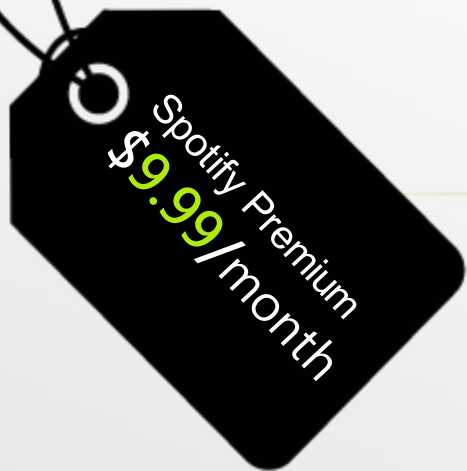
## Group playlists with Messenger



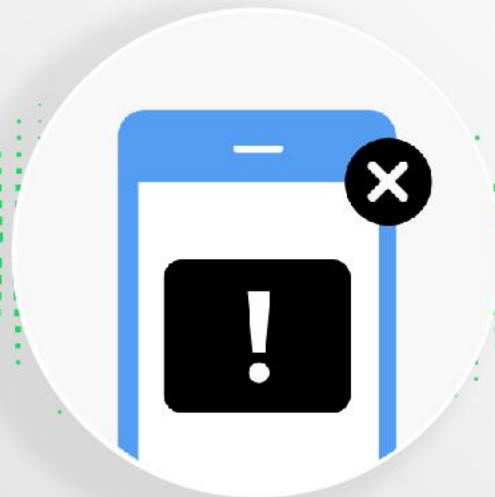
Within group conversations on Facebook Messenger, you can easily build new Spotify playlists with friends to create the perfect mix together.



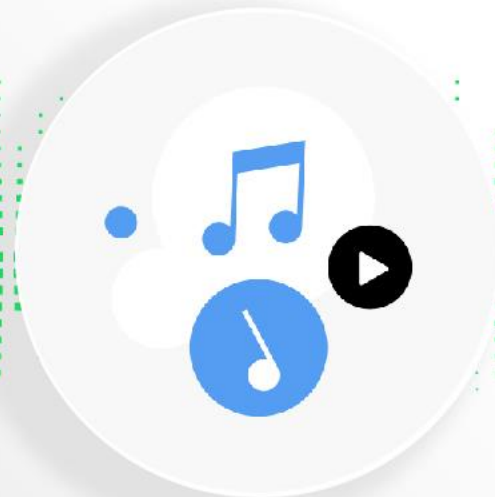
# Go premium to enjoy more



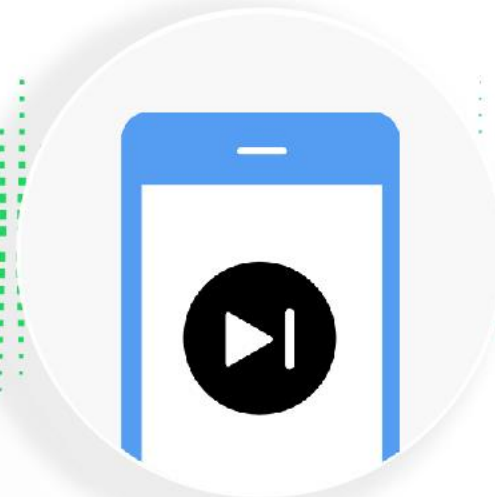
**Download music.**  
Listen anywhere.



**No ad interruptions.**  
Enjoy nonstop music.



**High quality audio.**  
Streaming by 320KB/s.



**Unlimited skips.**  
Just hit next.

# Premium for Family

**QNAP**  
Recommended



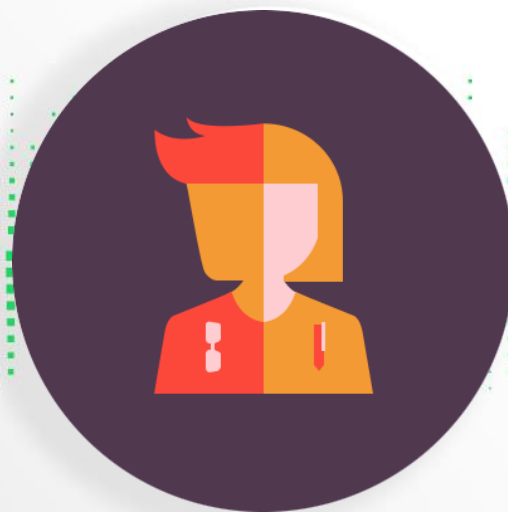
## Save big

You can share more and spend less.



## Individual accounts

Everyone gets to play their own music. No tantrums.



## Keep your playlists

When you upgrade, all your saved music and recommendations come with you.



## Super simple bill

One low price, for you and up to five other people who live at your same address.



One account,  
listen everywhere.

MOBILE

Computer

QNAP NAS

# Listening Spotify on NAS



It is better than your imagination

Enjoy high quality audio with extension equipment.

Work in NAS and enjoy music simultaneously.

Listen to the latest and top of the chart songs



# All audio equipment you own can be utilized

Your new option to play high quality audio is the QNAP NAS.





# How to Use Spotify with QNAP NAS



**QNAP**

NAS  
×  
Spotify

# 01 Open App Center

AppCenter



My Apps 4

All Apps

QTS Essentials

QNAP Store 18

HybridDesk Station 4

# 02 Select Hybrid Desk Station

 Plex Home Theater Entertainment <a href="#">Open</a>	 QTS 1.1.8 Entertainment <a href="#">Open</a>	 QVR Pro Client 1.2.0.0 Surveillance <a href="#">Update</a>	 Skype 8.11.0.4.0 Entertainment <a href="#">Open</a>	 Spotify 1.3.0 Entertainment <a href="#">+ Install</a>	 Supertux 0.3.8 Entertainment <a href="#">Open</a>
 Surveillance Station (Local) Surveillance <a href="#">Update</a>	 TuneInRadio 1.2.0 Entertainment <a href="#">Open</a>	 VideoStation HD (Local) Entertainment <a href="#">Open</a>	 Wesnoth 1.10.7.2 Entertainment <a href="#">Open</a>	 YouTube 3.1.6 Entertainment <a href="#">Update</a>	

# 03 Install Spotify

# Manage HD Station and applications with QTS easily.



The screenshot shows the QNAP Control Panel interface. The left sidebar contains various service categories: System, Privilege, Network & File Services, and Applications. The 'HybridDesk Station' option is highlighted in the Applications section. The main content area displays the HybridDesk Station configuration page, which includes a description, version information (3.2.9), and status (Ready). A callout box highlights the 'Enable' button. Below the 'Enable' button are buttons for 'Update All Apps', 'Remove', and 'Settings'. A note indicates that holding the 'Enable' button for 6 seconds will restart the service. At the bottom, there is a section for the Linux Station with a 'Browse...' button and an 'Install' button.

Control Panel

ControlPanel

HybridDesk Station

System

Privilege

Network & File Services

Applications

iTunes Server

DLNA Media Server

Multimedia Management

Web Server

LDAP Server

SQL server

Syslog Server

Antivirus

RADIUS Server

TFTP Server

NTP Server

Open Control Panel > HybridDesk Station

Current system in-use on the local display: -

Notice: Local display (HDMI output) can only use one system at a time. Enabling one system will disable the other.

HD

The HybridDesk Station (HD Station) provides a portal when using the NAS with an HDMI display and allows users to use the NAS as a home theater media player or as a desktop substitute.

Version: 3.2.9

Status: Ready

Enable

Update All Apps

Remove

Settings

When you hold this button for 6 seconds, you can quickly restart HybridDesk Station by holding this button for 6 seconds.

Browse...

Install


The Linux Station allows the NAS to be used as a standalone PC that uses Linux with an HDMI display.


Version: 1.6.2046


Enable HDMI output

# Connect through HDMI. Spotify installed in HD Station

CY-TS453mini IP: 172.17.30.147  
TS-453mini

 admin

 English

 Settings

 Logout

12:45



MusicStation HD  
(Local Display)



QTS



OpenTTD



PhotoStation HD  
(Local Display)



Plex Home Theater



QVR Pro Client



Skype



Spotify



Supertux



TuneInRadio



VideoStation HD  
(Local Display)



Wesnoth



HD Player



YouTube

# Let's start to use Spotify!

A screenshot of the Spotify web interface. A green box highlights the left sidebar menu, with a callout bubble labeled 'Slide Menu' pointing to it. Another green box highlights the 'Friend Activity' section on the right, with a callout bubble labeled 'Social Activity' pointing to it. The main content area shows a playlist titled 'Best of 2018: Korean OSTs' with a 'PLAY' button and a table of songs.

Search

UPGRADE

Cassie Yu

Friend Activity

Slide Menu

Social Activity

## Best of 2018: Korean OSTs

Time to reminisce your favourite Korean drama scenes from this year's top-streamed soundtracks.

Created by Spotify • 97 songs, 6 hr 2 min

PLAY

Filter

	TITLE	ARTIST	
♥	It's You	Henry	2018-12-05
♥	I Love You Boy	Suzy	2018-12-05
♥	Stay With Me	CHANYEOL, Pun...	2018-12-05
♥	긴 밤이 오면	Eddy Kim	2018-12-05
♥	When I Saw You	Bumkey	2018-12-05

Ann Bai

Ann Bai

Eric Hou

Such A Simple Thing  
Ray LaMontagne  
Such A Simple Thing

林沛君

印尼甘蔗人  
Leo王  
無病呻吟有情抒情 Wu Bi...

Hung Hsi Huang

18 m

時間說  
草莓救星  
午夜乒乓

許筠

53 m

惡之必要



**Demo**

# Versatile Audio Output Approach



**QNAP**

NAS  
×  
Spotify



3.5mm



Earphone



Speaker



HDMI



TV



Amplifier



USB



DAC



HD Station provide versatile audio output choices

Use with Spotify high quality streaming, enjoy ultimate Musical experience



# Earphone and speaker with 3.5mm jack



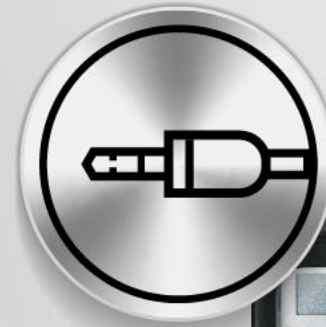
Plug in and listen, the simplest way to listen music.



Earphone



Speaker



\*Only part of multi-media model provide local speaker output.



# HDMI Output



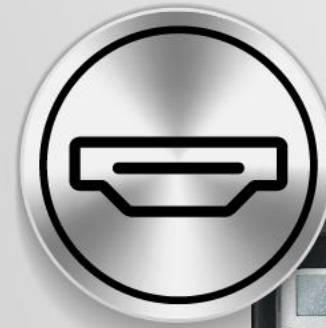
Ultimate music experience  
Bringing you a fantastic media journey



Superior quality home theater



High resolution TV



# USB Output



Explore the flexible music world, Play audio effect and enjoy high quality QNAP NAS can do it.



3.5mm--Earphone



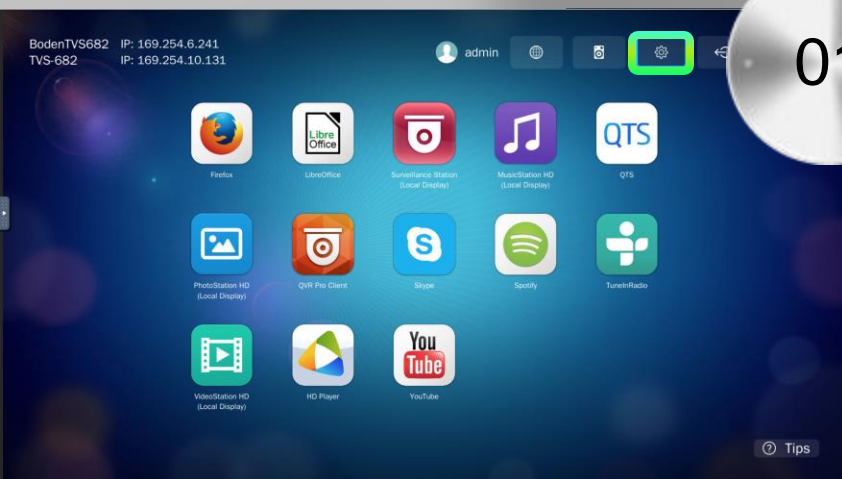
RCA-Amplifier



USB DAC



# Switch output option



01 Settings

General

App

Display

Preferences

02 Preference

Settings

Language English

Input

Tips: You can press "Ctrl + Space" to change your input method.

NAS Audio Output

HDMI 1

Test

Custom Remote

- #1
- #2
- #3

PCH (ALC262 Analog)  
HDMI 1  
HDMI 2  
HDMI 3  
PCH (HDMI 3)  
PCH (HDMI 4)  
UD301 (USB Audio)  
[Back]

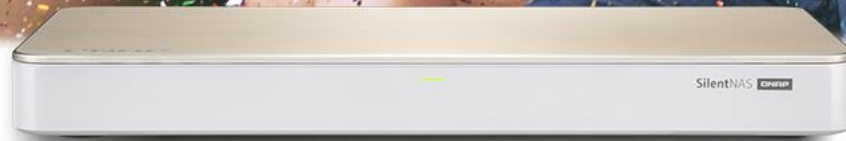
Please note: These Preferences may not be applied in other apps.

03 Choose and test

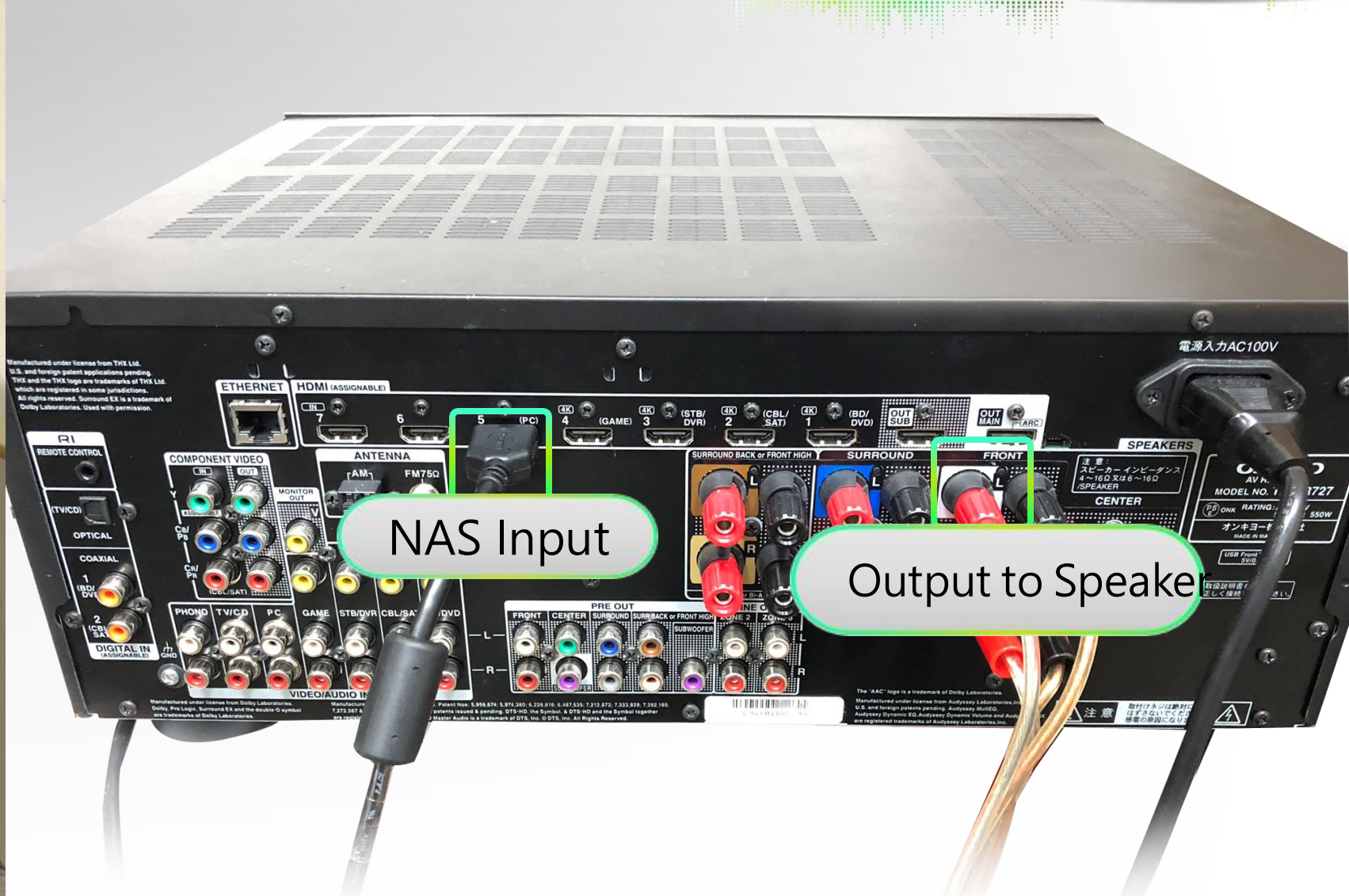
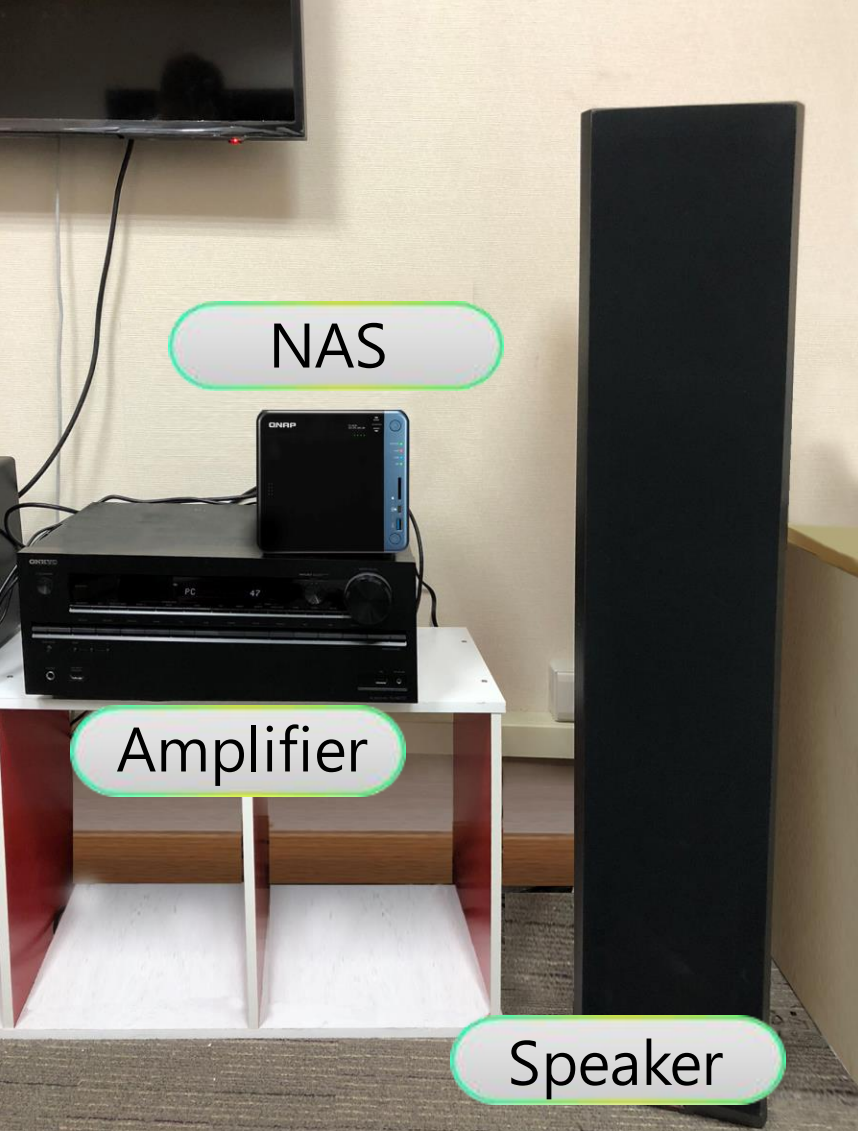
IP: 169.254.6.241  
169.254.10.131

# Scenario1 Home Party

Invite friends to get union at home,  
Turn on treasured audio equipment, enjoy  
the party with astonishing music experience



# How to set-up



# Scenario2

## Enjoy Listening to Music by yourself

After a long day at work it is quite relaxing to select your favorite track and instantly listen to it.





**Demo**



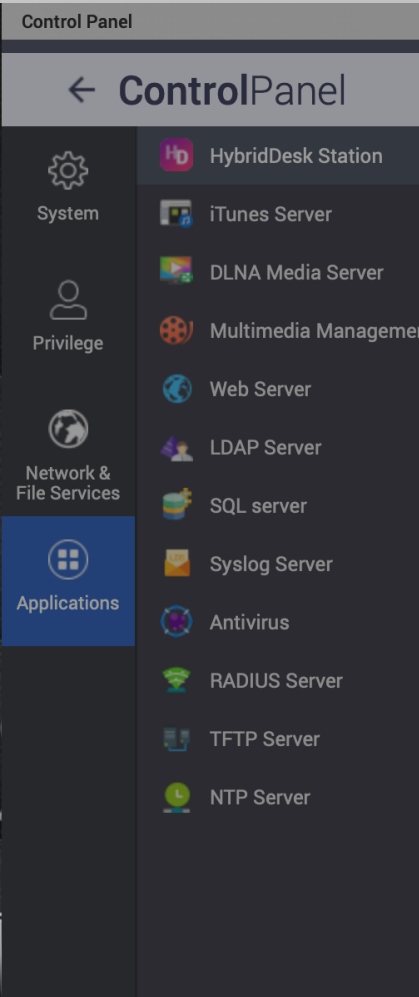
# Versatile HD Station Manipulation way



**QNAP**

NAS  
×  
Spotify

# Remote Desktop



## Settings

Output resolution: --

**Note:** Please connect a monitor/display to the Turbo NAS before setting a custom resolution.

Overscan: Off

**Note:** Overscan reduces the visible area of a video displayed on the screen. The higher the percentage, the more the visible area will be reduced.

Enable Remote Desktop

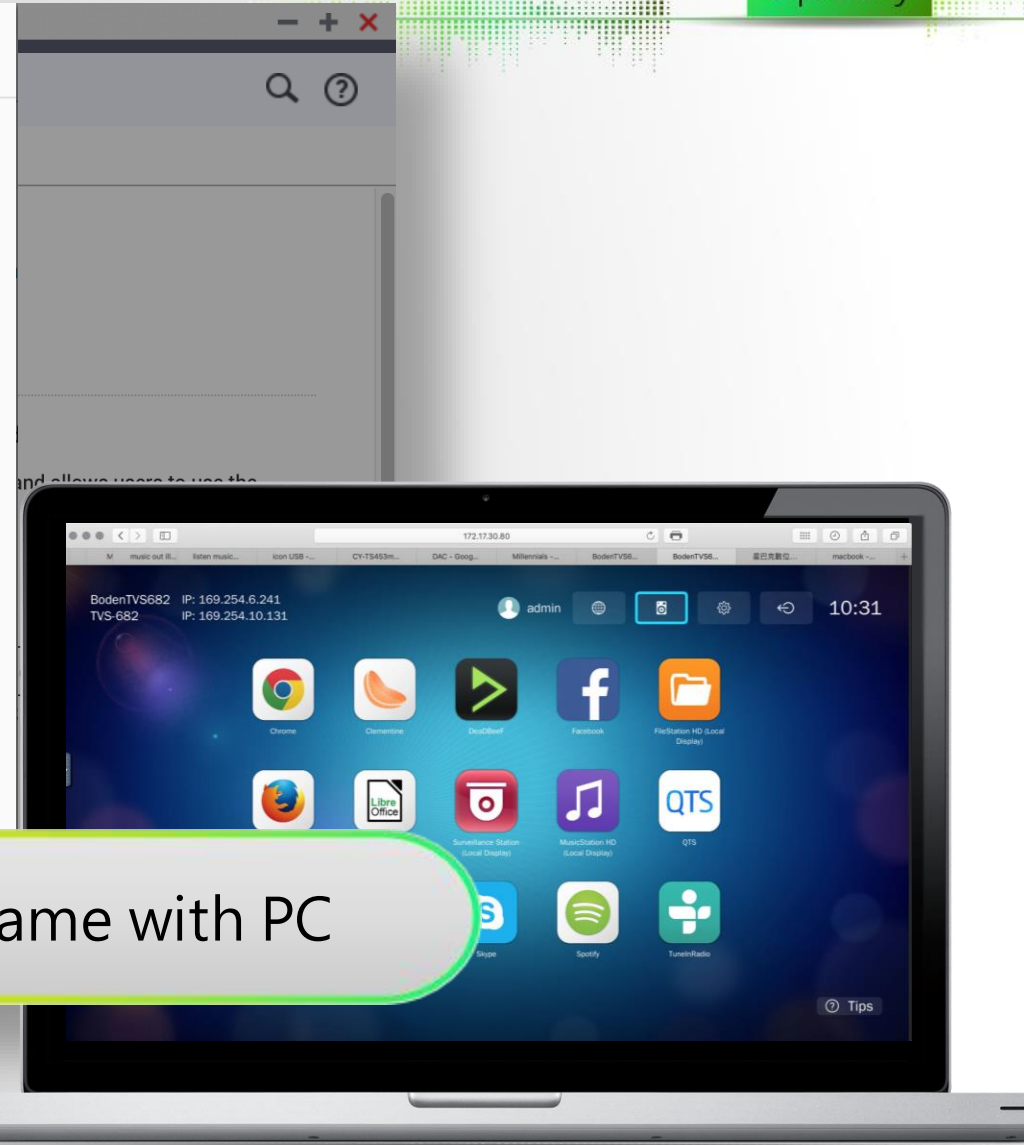
Remote desktop allows you to see what is displayed by the NAS HDMI output by using your web browser.

**Note:** Enabling Remote Desktop may affect the playback quality of local videos.

[Click here to open/](#)

**Note:** You must restart the service after changing the output resolution.

[Restart Remote Desktop/](#)



Open HDMI frame with PC

Open HDMI output remotely, manipulate HD Station with PC

# Remote Desktop



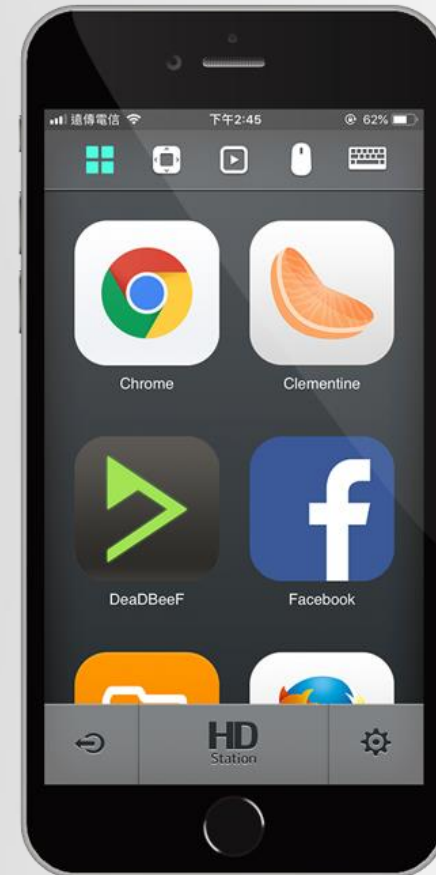
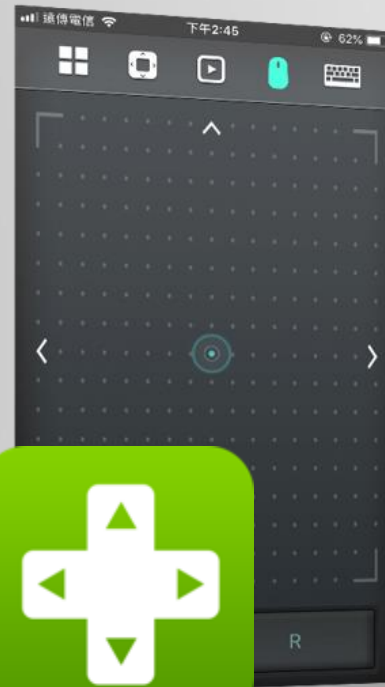
No need for output display anymore with remote desktop  
HDMI port could be exclusively to audio output, the manipulation just count on PC.



# Mobile App-Qremote



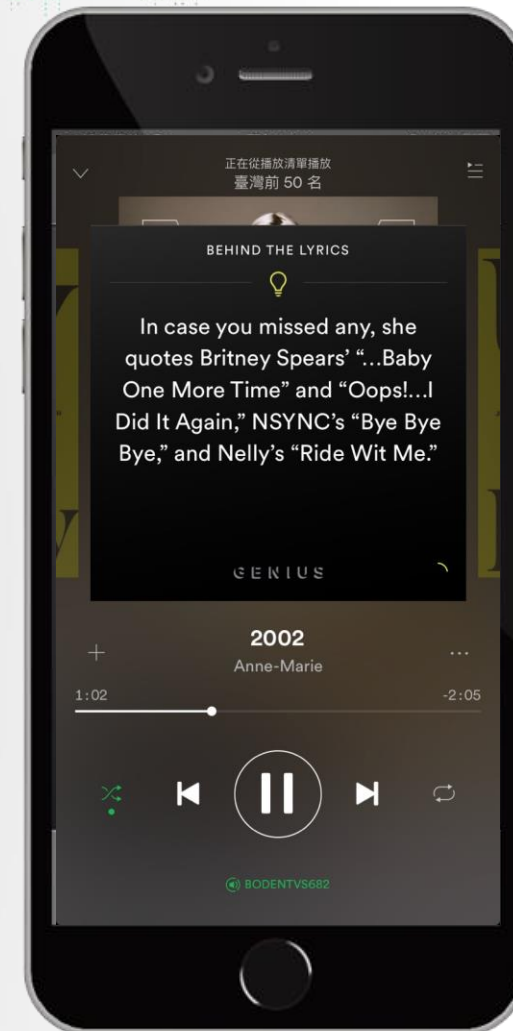
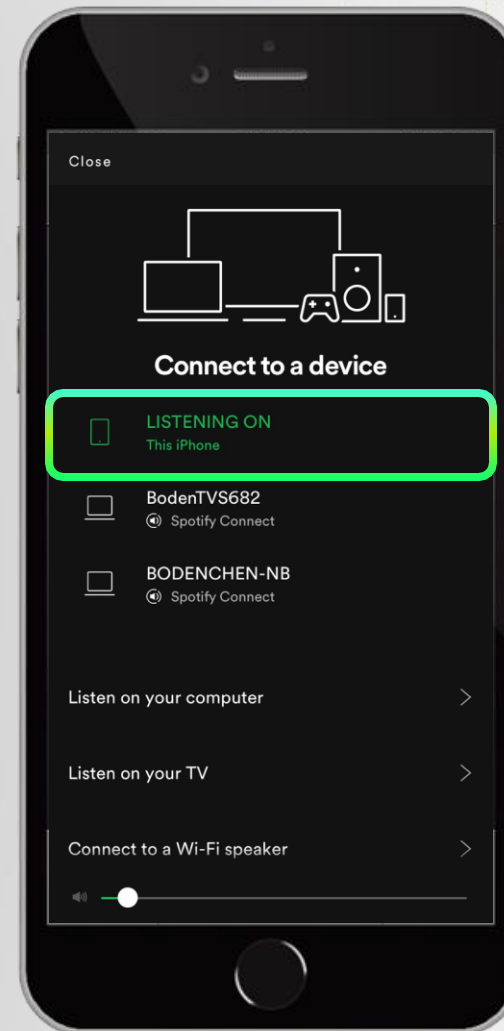
Versatile navigation options: Includes keyboard and mouse replacement, You can use Qremote freely.



# Spotify Connect



You can use Spotify mobile app as a remote to control the player on NAS HD Station.



# Listening Spotify on NAS



is better than your imagination

Enjoy high quality audio with extension equipment.

Work in NAS and enjoy music simultaneously.

Listen to the latest and top of the chart songs

# Recommended NAS Model

## Multi-media

TS-X53B  
TS-951X



## Silent & Fanless

HS-453DX  
HS-251+



## High Performance

TVS-X82  
TVS-X72  
TVS-X73  
TS-X77



**QNAP**



QNAP  
NAS

Your best choice

Spotify

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