

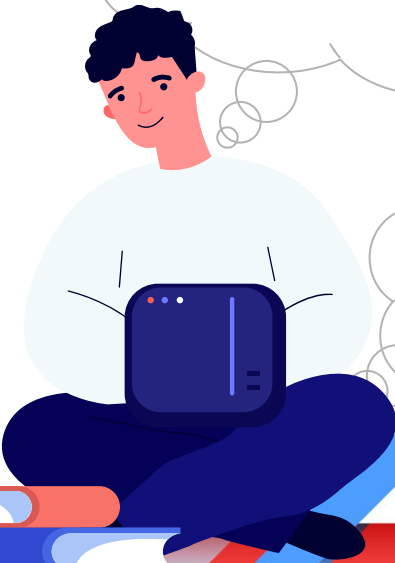
QNAP

HD Station

**Unleash the power
of HDMI local display**



Have you ever wanted this?



How to play
multimedia contents
stored on my NAS on
TV?

View IP cam feeds
on TV?



Surf the
website ?

Access VM on
my NAS and
display it on TV?

One NAS solves it all, period.

Versatile configuration for a cost effective solution

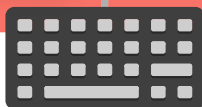
Surf the web

Use Windows utilities

View surveillance feeds

View photos/videos, listen to music

NAS management



Note: only supported on x86 processor NAS

HD Station – Top installed app

Local display - Why is it different from others

Function	QNAP	S brand	A brand
Local display	v	x	v
Multimedia playback	v	x	x
Surveillance feed playback	v	x	x
Virtual machine desk	v	x	x

All about the HD Station

Architecture

Local display
technology

Configuration

Various configuration
method for your need

introduction

Simple platform,
easy to use

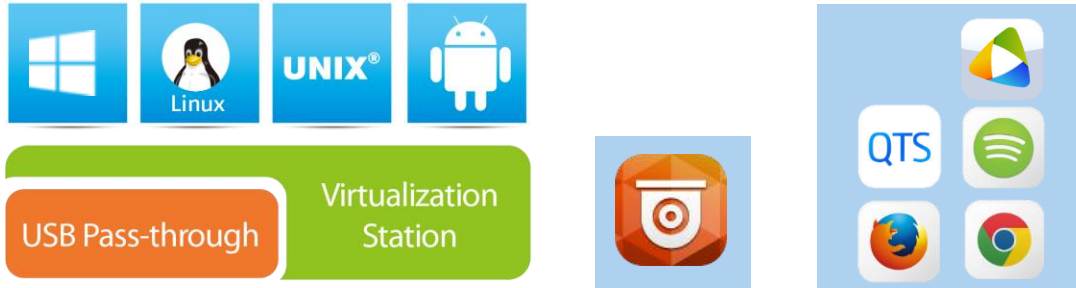
Applications

Demo

HD Station Architecture



HD Station



USB Pass-through

Virtualization Station

USB Connector

QVM Desk

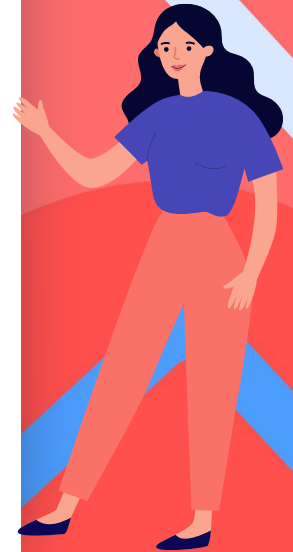
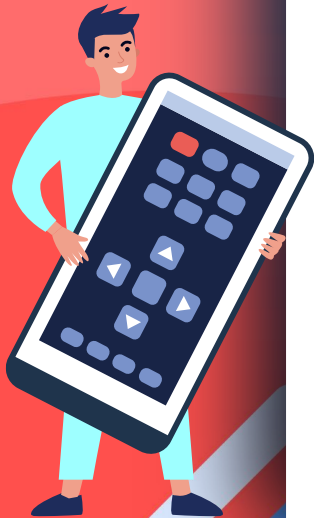
Surveillance Desk

Local Display Desk

HybridDesk Station (HD Station)

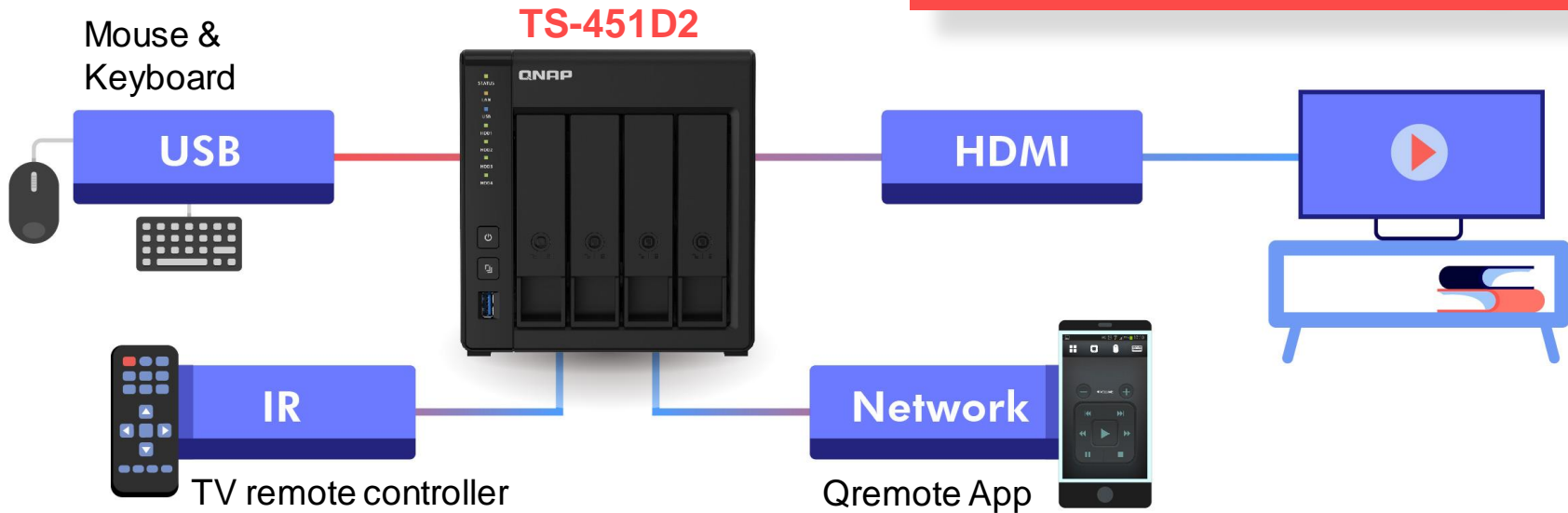
QTS/ QuTS hero Operating system

NAS with integrated GPU or discrete GPU



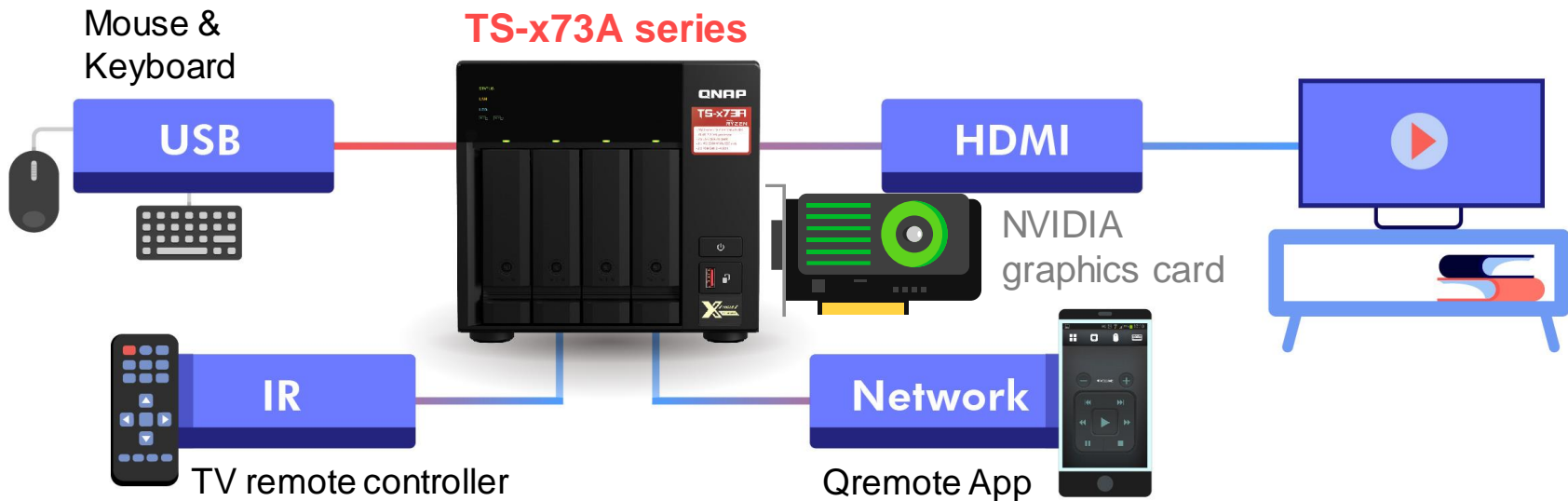
Models with Built-in HDMI

Flexible, cost saving



Recommended models : x53D, TBS-453DX, x72X/x72XT, h1688X/h1288X

Models using discrete GPU



Recommended models : x73A, h686/h886

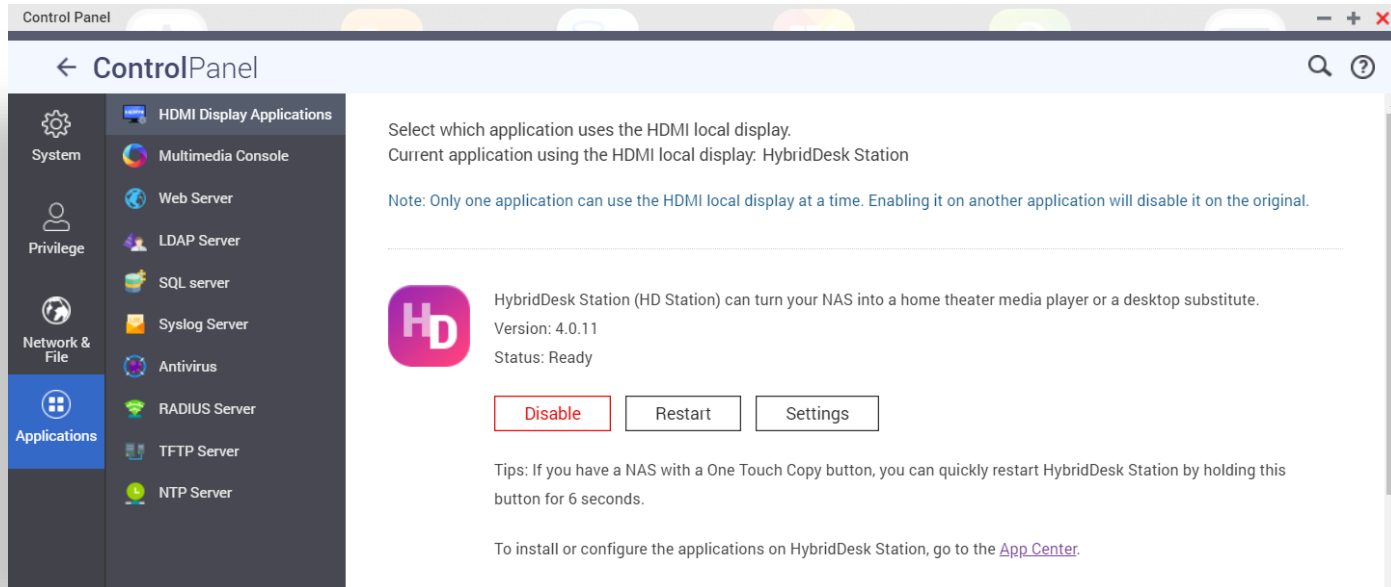
Note: Need to install NVIDIA GPU Driver which can be found in app center

Basic Operations



Install/Update the Application

Manage HD Station via QTS



The screenshot shows the QTS Control Panel interface. On the left is a sidebar menu with categories: System, Privilege, Network & File, and Applications. The 'Applications' category is selected, and the 'HDMI Display Applications' sub-menu is active. The main content area displays the settings for HybridDesk Station. It includes a title bar 'ControlPanel', a search icon, and a back arrow. The main text reads: 'Select which application uses the HDMI local display. Current application using the HDMI local display: HybridDesk Station'. Below this is a note: 'Note: Only one application can use the HDMI local display at a time. Enabling it on another application will disable it on the original.' A section for 'HybridDesk Station (HD Station)' shows its version (4.0.11) and status (Ready). There are three buttons: 'Disable' (highlighted in red), 'Restart', and 'Settings'. A tip explains that holding the One Touch Copy button for 6 seconds restarts the station. At the bottom, there is a link to the 'App.Center' for installation and configuration.

Control Panel

← ControlPanel

System

- HDMI Display Applications
- Multimedia Console
- Web Server
- LDAP Server
- SQL server
- Syslog Server
- Antivirus
- RADIUS Server
- TFTP Server
- NTP Server


Privilege

Network & File

Applications

Select which application uses the HDMI local display.
Current application using the HDMI local display: HybridDesk Station

Note: Only one application can use the HDMI local display at a time. Enabling it on another application will disable it on the original.

 HybridDesk Station (HD Station) can turn your NAS into a home theater media player or a desktop substitute.
Version: 4.0.11
Status: Ready

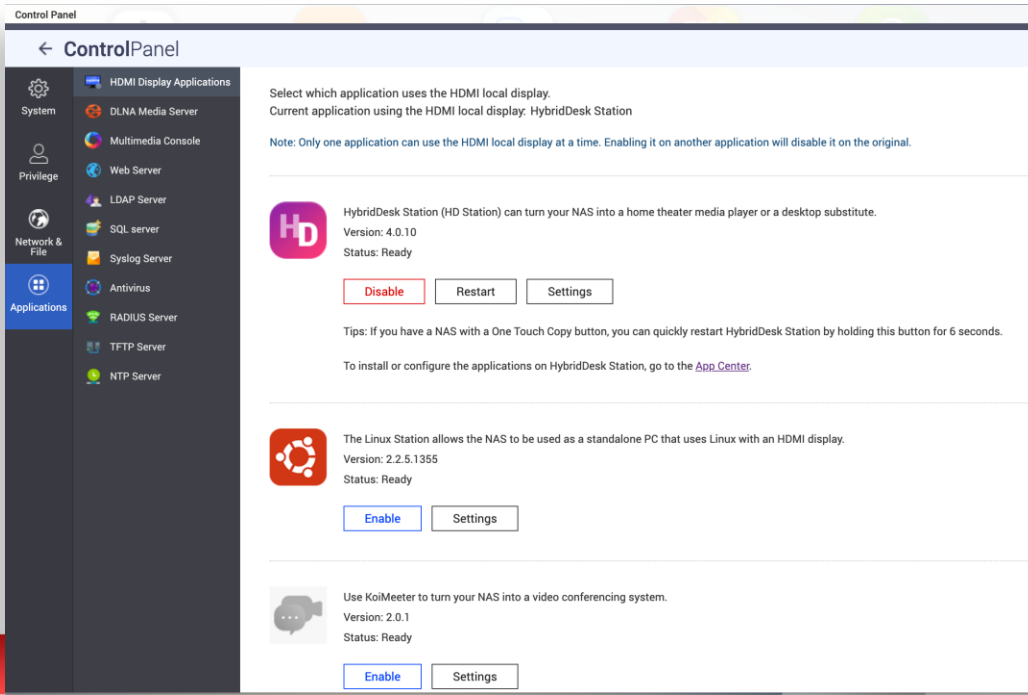
Tips: If you have a NAS with a One Touch Copy button, you can quickly restart HybridDesk Station by holding this button for 6 seconds.

To install or configure the applications on HybridDesk Station, go to the [App.Center](#).

Allocate GPU/HDMI output

Local display exclusive allocation

- HD station
- Linux Station
- KoiMeeter



The screenshot shows the 'Control Panel' interface for 'HDMI Display Applications'. The left sidebar lists various system and application settings. The main content area displays the following information:

Control Panel
← ControlPanel

Select which application uses the HDMI local display.
Current application using the HDMI local display: HybridDesk Station

Note: Only one application can use the HDMI local display at a time. Enabling it on another application will disable it on the original.

HybridDesk Station (HD Station) can turn your NAS into a home theater media player or a desktop substitute.
Version: 4.0.10
Status: Ready

Tips: If you have a NAS with a One Touch Copy button, you can quickly restart HybridDesk Station by holding this button for 6 seconds.

To install or configure the applications on HybridDesk Station, go to the [App Center](#).

The Linux Station allows the NAS to be used as a standalone PC that uses Linux with an HDMI display.
Version: 2.2.5.1355
Status: Ready

Use KoiMeeter to turn your NAS into a video conferencing system.
Version: 2.0.1
Status: Ready

QTS - HD Station Setup

Set up HD Station via QTS

Resolution: set the resolution, just like using a PC

Overscan: Adjust the screen display size

Remote desktop: Allow you to view the HD Station display via web browser.

Settings

Output resolution:

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

Overscan:

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/](#)

Specify Remote Desktop password

Apply

Close

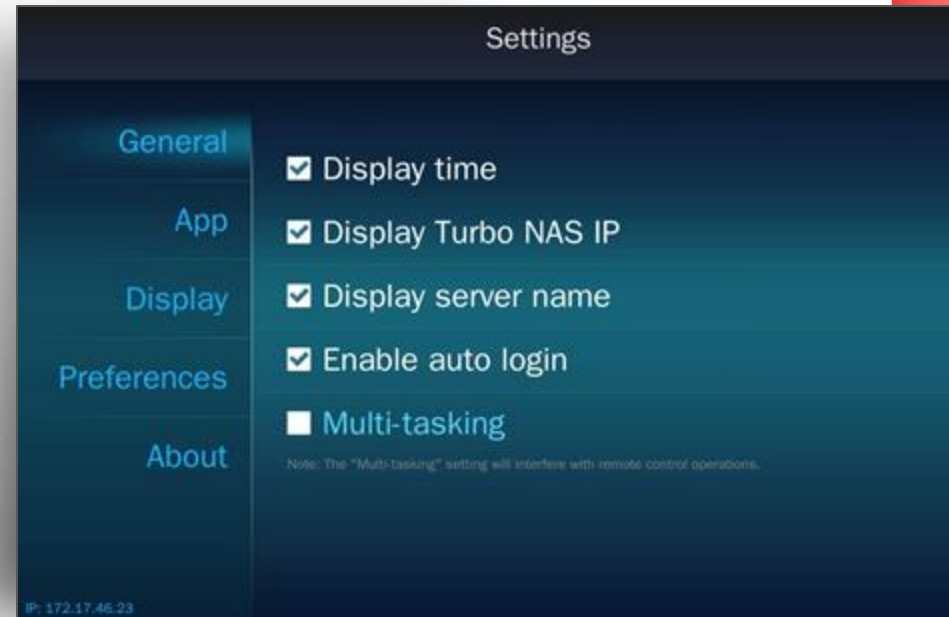
Local Display - General Settings

Various functions and settings

General settings

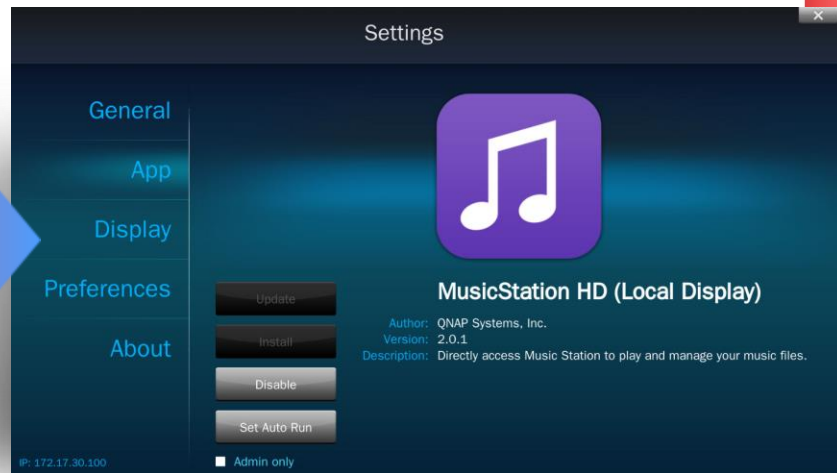
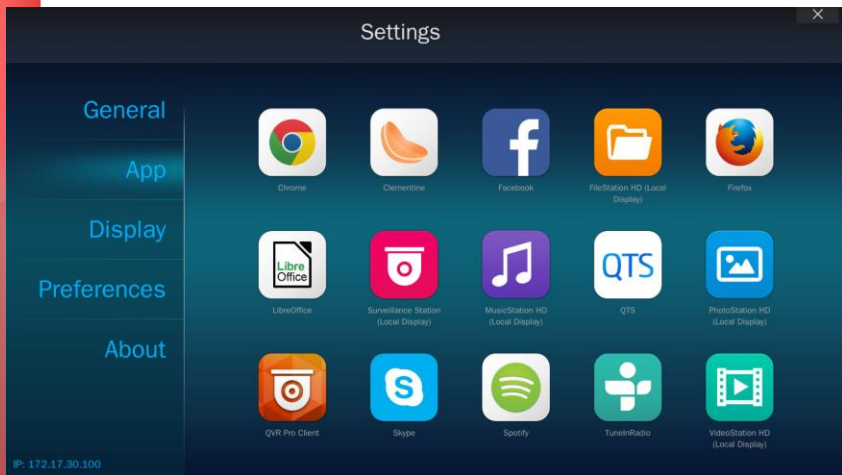
- Display time
- Display NAS IP
- Display server name
- Enable auto login
- Multi-tasking

* Some apps are not designed for multi-tasking.



HD Station Settings - Applications

Manage applications for HD Station



HD Station Settings - Display

Manage display settings

Manage display settings:

- Resolution
- Turn off the screen when idle
- Overscan
- Wallpaper



The screenshot shows the 'Settings' application window with the 'Display' section selected. The left sidebar contains menu items: General, App, Display (highlighted), Preferences, and About. The main content area shows the following settings:

Resolution	1920x1080@60.0Hz
<small>HDMI1: vx2880ML</small>	
Turn off the screen when idle	10 min
Overscan	Off
Wallpaper	Default

Below the wallpaper setting, there are three preview thumbnails labeled 'Template 1', 'Template 2', and 'Template 3'. At the bottom, a note states: 'Please note: Overscan will reduce the area of the video displayed on the screen. The higher the percentage, the more the displayed area will be reduced. These Display settings may not be applied in other apps.'

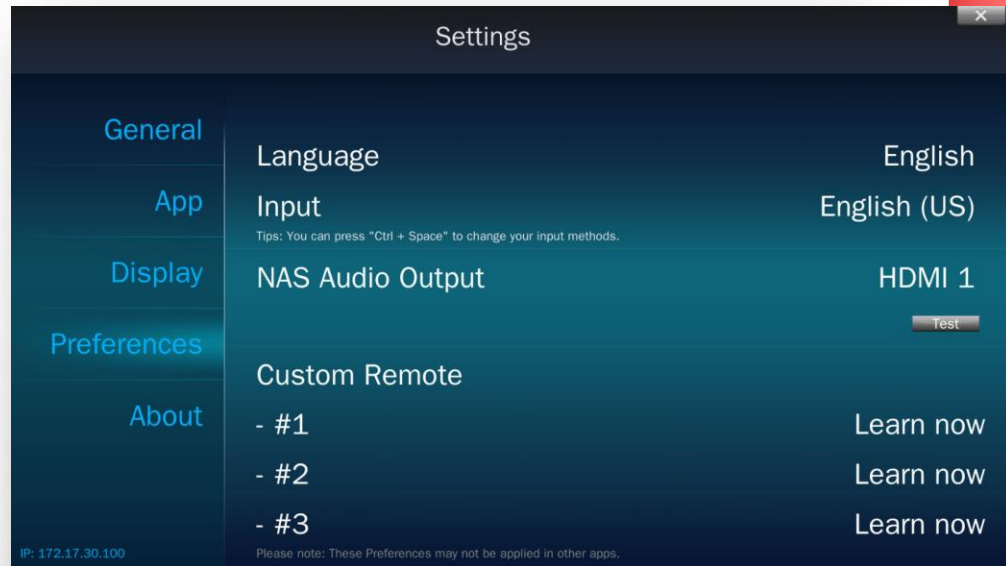
IP: 172.17.46.23

Preferences

Various configurable functions

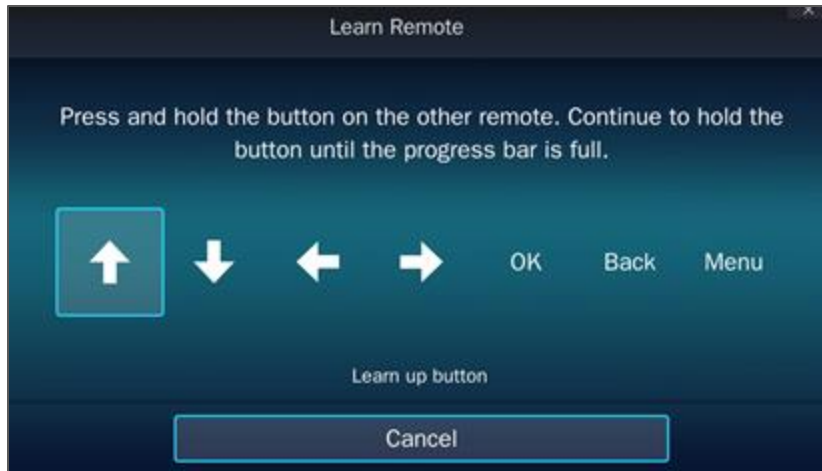
Preferences :

- Languages
- Input
- Audio output: Define the NAS audio output
- Custom remote: Use other remotes for HD Station

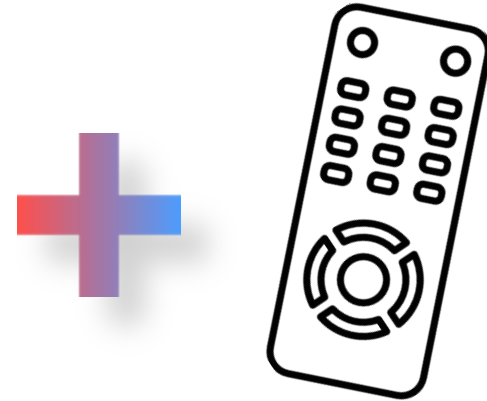


Remote learning

Using a remote that you already have



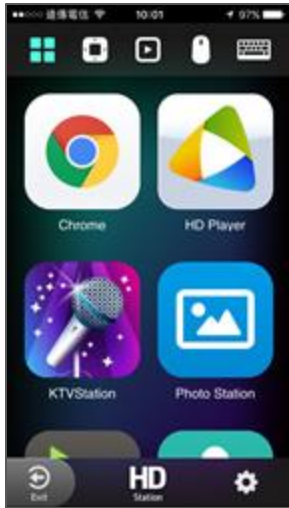
* Only supported models which included the IR sensor



TV remote controller

Qremote

Using Qremote on smart devices



* Supports iOS & Android devices.

Rich Applications



Rich Applications

QTS Management

QTS

- QTS
- FileStation HD
- PhotoStation HD
- VideoStation HD
- MusicStation HD
- QVR Pro Client

Browser, Communication & Office tools

Browsers

- Chrome
- Firefox

Communication

- Skype
- Facebook

Office tools

- LibreOffice

Multimedia Applications

Multimedia

- HD Player
- Clementine
- Spotify
- TuneInRadio

Meet almost all your needs

HD Station Official Apps

The screenshot displays the HD Station App Center interface. On the left is a dark sidebar with navigation options: My Apps, QNAP Store, All Apps, QTS Essentials, Entertainment, Surveillance, and Multimedia Add-ons. The main area shows a grid of 18 application cards, each with an icon, name, version, category, and an 'Open' button.

App Name	Version	Category
Chrome	80.0.59870	Entertainment
Clementine	1.3.1.30	Entertainment
Facebook	2.0.1	Entertainment
FileStation HD (Local Display)		Entertainment
Firefox	74.0.1	Entertainment
HD Player	18.3.8	Entertainment
HybridDesk Station	4.0.11	Entertainment
LibreOffice	6.3.4.0	Entertainment
MusicStation HD (Local)		Entertainment
PhotoStation HD (Local)		Entertainment
QTS	2.0.1	Entertainment
QVR Pro Client	1.5.2.0	Surveillance
Skype	8.27.0.8.1	Entertainment
Spotify	2.0.2	Entertainment
Surveillance Station (Local)		Surveillance
TuneInRadio	2.0.1	Entertainment
VideoStation HD (Local)		Entertainment

Third Party Applications

Fully Utilize NAS guide:

How to add unofficial sources to App Center

QNAP



KODI



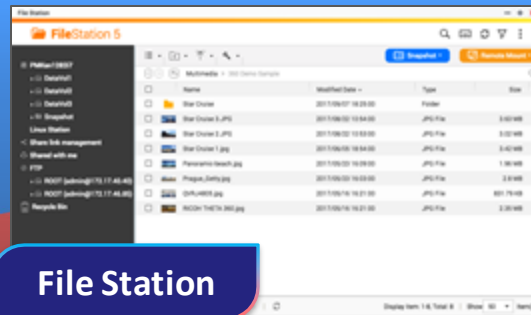
XFASTEST

QTS Management on HD Station

Various shortcuts to QTS applications.



QTS



File Station

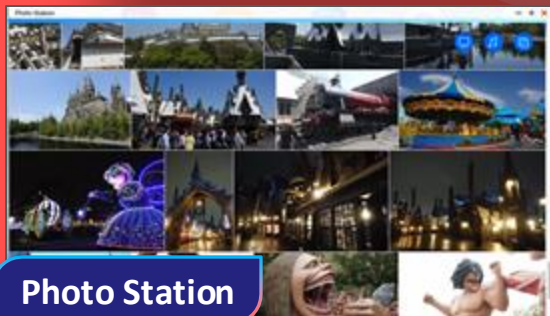
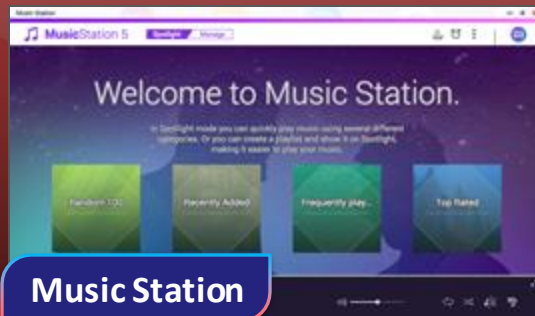


Photo Station



Music Station



Video Station

QVR Pro Client

Live view on TV directly

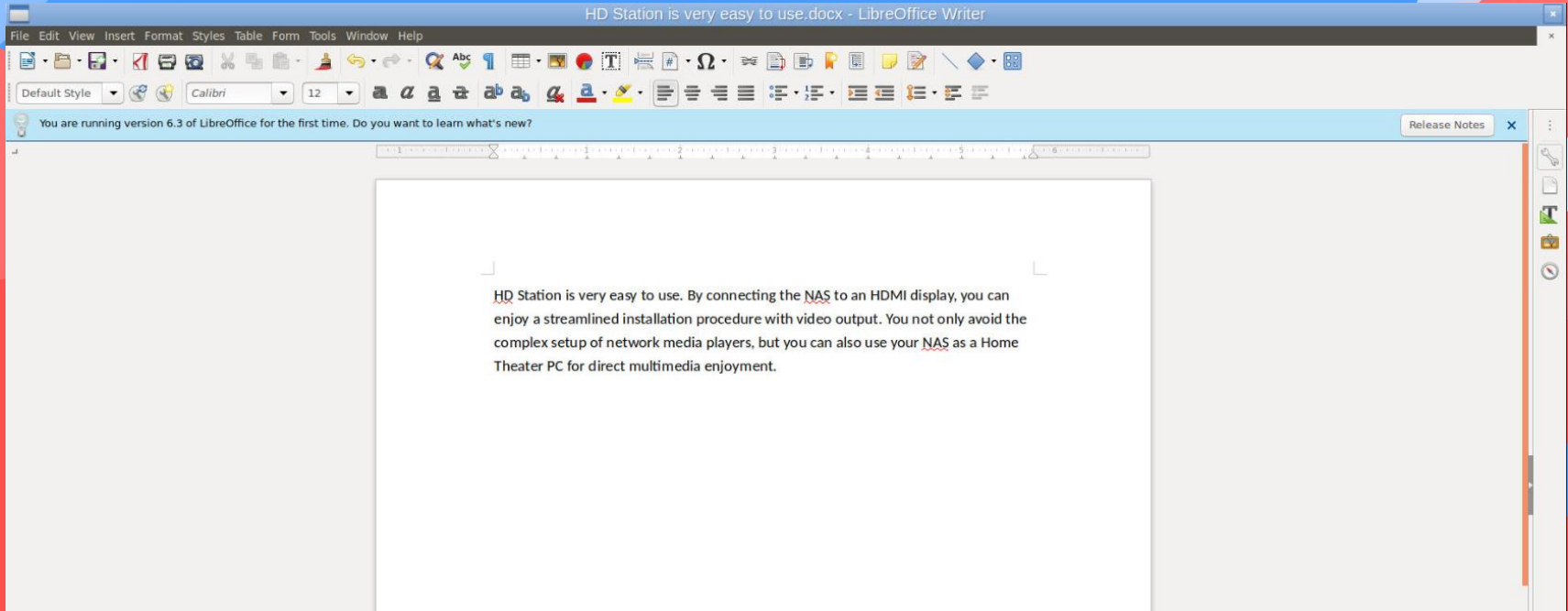
The screenshot displays the QVR Pro Client software interface. The main window is titled "QVR Pro Client Beta" and shows a multi-camera live view. The interface is divided into several sections:

- Views:** A sidebar on the left shows a list of views, including "MKT2", "MKT", and "alan".
- Cameras:** A sidebar on the left lists various camera models, such as "1. AXIS_P1355", "2. VIVOTEK_IB836B", "3. VIVOTEK_MSR391-EV", "4. Axis", "5. VIVOTEK_FE9381-EHV", "6. VIVOTEK_FE8180", "7. VIVOTEK_FDB166A-N", "8. VIVOTEK_SD9161-H", and "9. EtrorVision_EV8580Q-MD".
- E-Map:** A sidebar on the left shows a floor plan map with camera locations marked, including "DemoE-Map_2F(Black)", "VIVOTEK_FE9381-EHV", "VIVOTEK_FDB166A-N", "DemoE-Map_1F(Black)", and "EtrorVision_EV8580Q-MD".
- Main View:** The central area displays a 2x2 grid of camera feeds. The top-left feed shows a fisheye view of a hallway. The top-right feed shows a wide-angle view of a large, modern building interior with a glass roof. The bottom-left feed shows a floor plan map. The bottom-right feed shows a construction site with many workers and equipment.
- Event Notifications:** A sidebar on the right shows a notification for "Motion Detection" from camera "6. VIVOTEK_FE8180".
- Playback:** A bottom section shows a playback timeline with a "Live" button and a "Sync" button. The timeline is set to "2017/10/24 12:45:22" and shows a progress bar for camera "6. VIVOTEK_FE8180".

The Windows taskbar at the bottom shows the system tray with the time "下午 12:45" and various application icons, including "AlanLocal", "NVR_直播OKP...", "QVR Pro直播...", "QVR Pro Client...", "QVR_Pro直播_C...", "Skype™ [20] - c...", "郵件 - IBM...", "LINE", "ca200_tutorial.L...", and "小理器".

LibreOffice

LibreOffice is a powerful office suite



QNAP NAS vs Home Theater

QNAP NAS



Home Theater System



HD TV



Ultimate Theater Experience Combining QNAP NAS and Home Theater System for Unparalleled AV Experience

HD Player

HD Player allows you to watch multimedia contents on TV directly



Photo Station



Video Station



Music Station

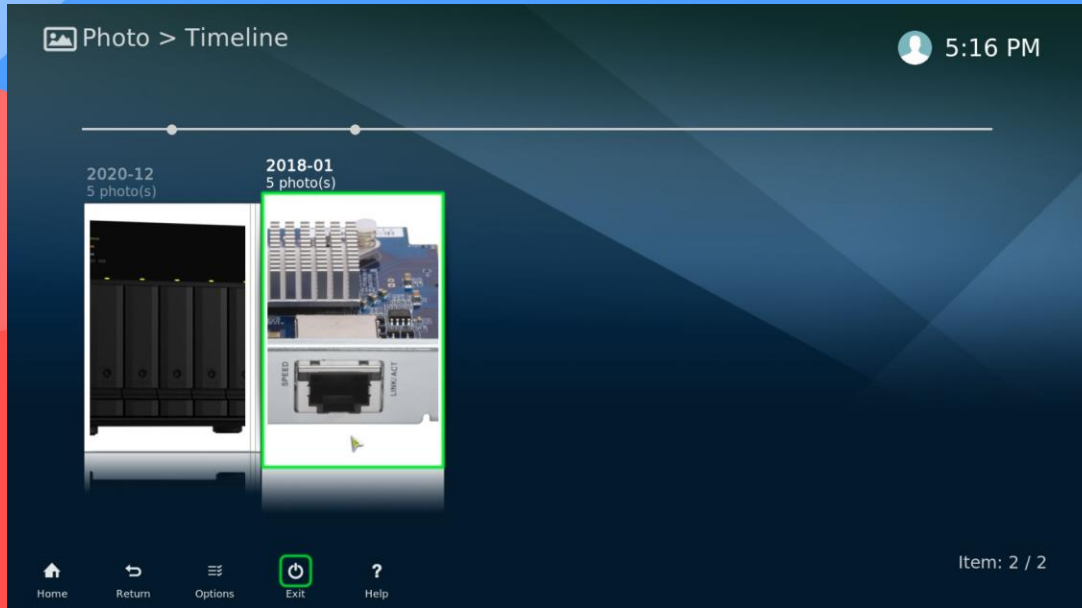


HD Player



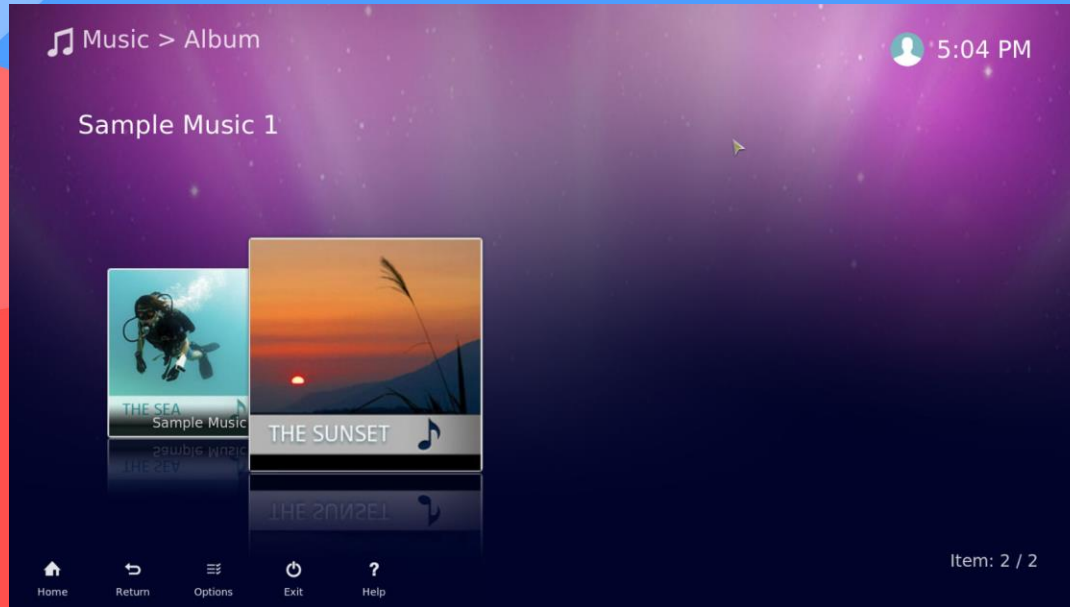
Play directly on TV

HD Player - Photo



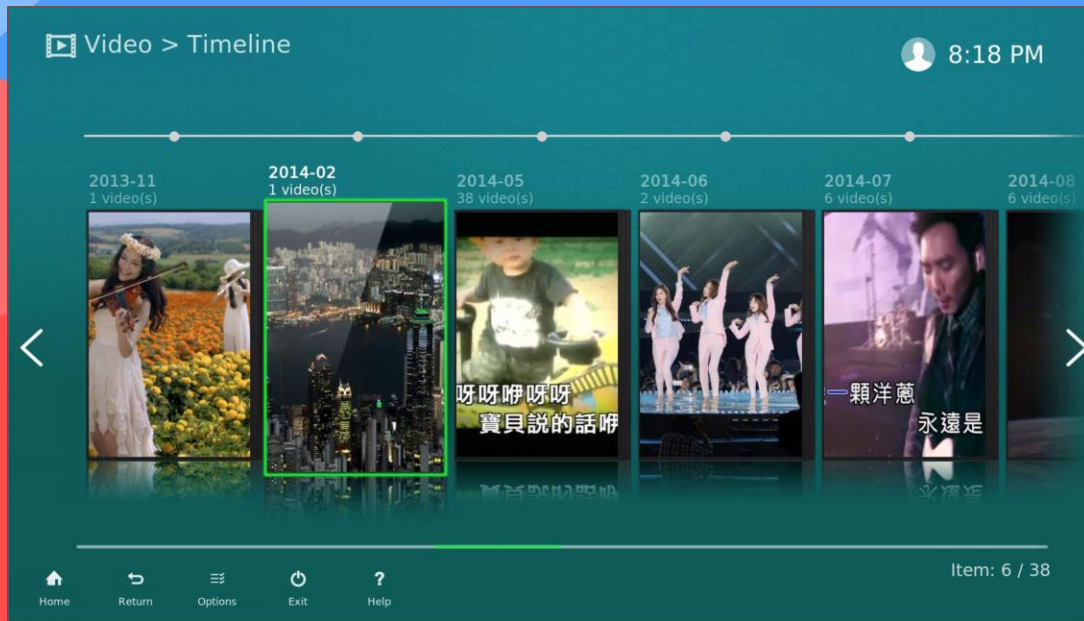
View photos stored on
NAS on TV directly.

HD Player - Music



Listen to music on
your NAS on your TV

HD Player - Video



Playback the video
which stored at your
NAS on TV.

Audio Passthrough

Connect with your home theater system



HDMI



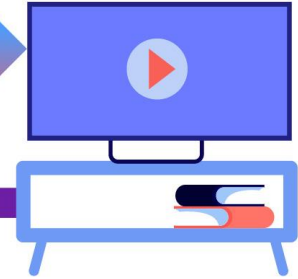
Audio

Speaker

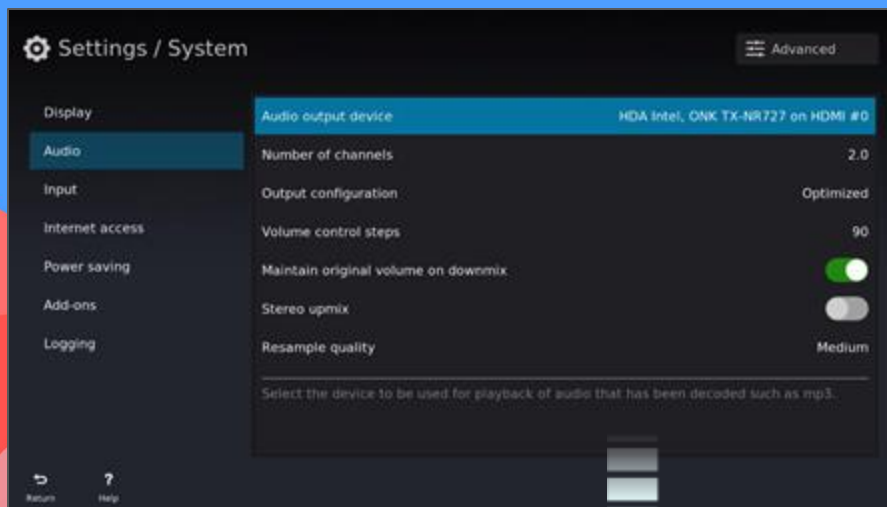


Video

HDMI



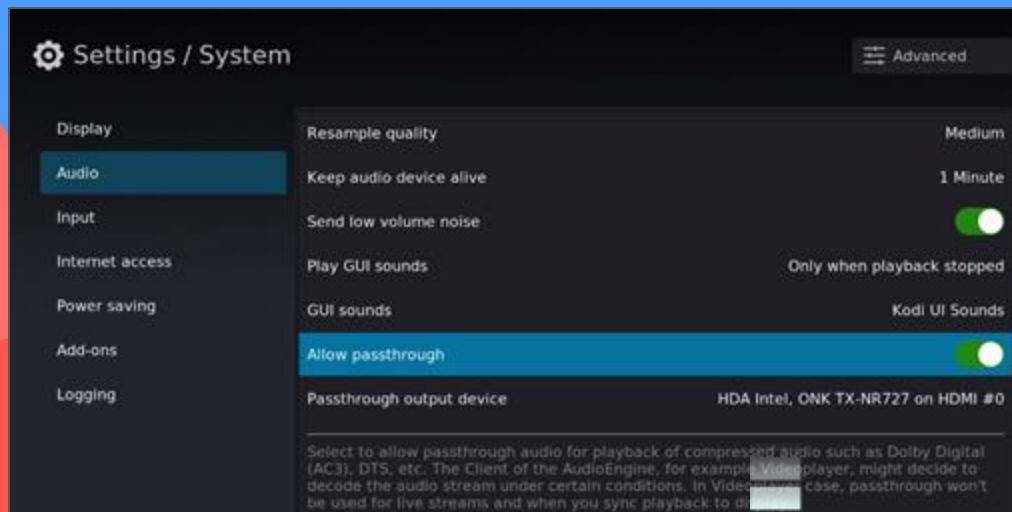
HD Player – Audio Passthrough setup 1



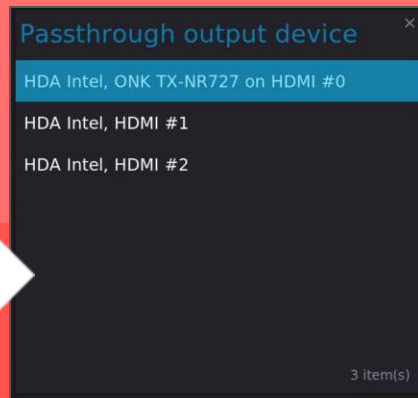
HD Player “Settings” ->
“System“ -> “Audio”
1. Select the audio
output device

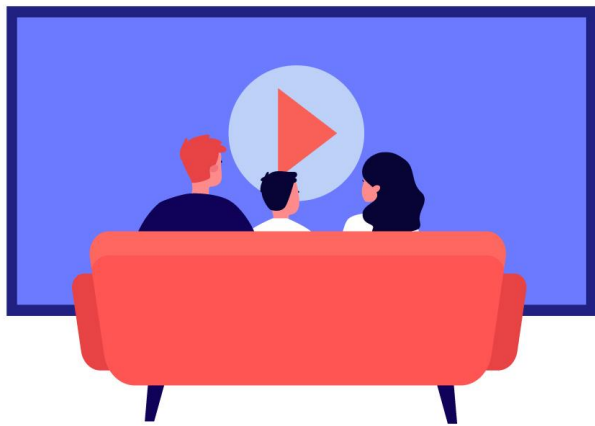


HD Player – Audio Passthrough setup 2/3



1. Enable “Allow passthrough”
2. Set the passthrough output device





LIVE DEMO



HD Station

Utilize the power
of HDMI local display

