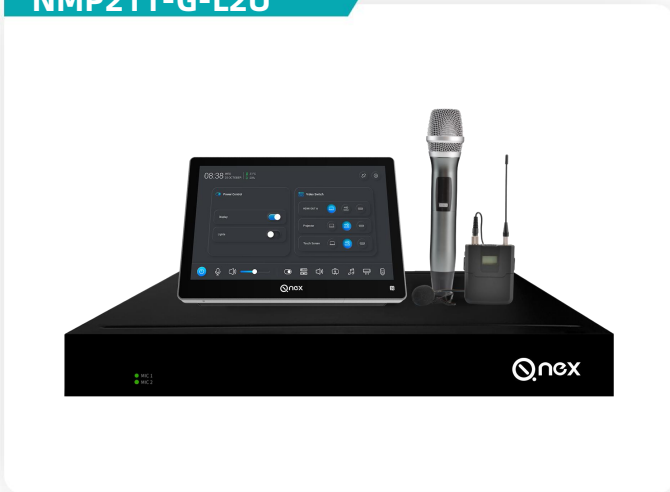




# Networked Media Processor(G)

Device Centralized Control & Networked AV Decoding

## NMP211-G-L2U



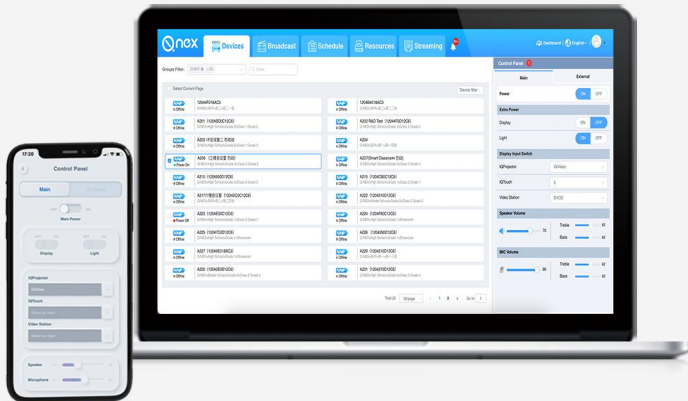
Q-NEX Networked Media Processor connects independent AV equipment and other devices to build a networked system, empowering campus all-round centralized device control of IoT ecosystem, in the meanwhile, it can also work as a networked AV decoder to process pre-recorded or live AV signals distributed from the Q-NEX Platform.

## FEATURES

- ✔ Integrate multiple devices and functions into one single system.
- ✔ Centralized control of AV and commonly used devices in classrooms/conference rooms.
- ✔ Networked devices deployment that enables remote control and management of all the devices through Internet or Intranet.
- ✔ Decode AV contents/live streaming from Q-NEX media server through network and play on the classroom media devices instantly or on schedule.
- ✔ Scheduled tasks enable device control and predetermined media content to be automatically executed by order in the classroom.



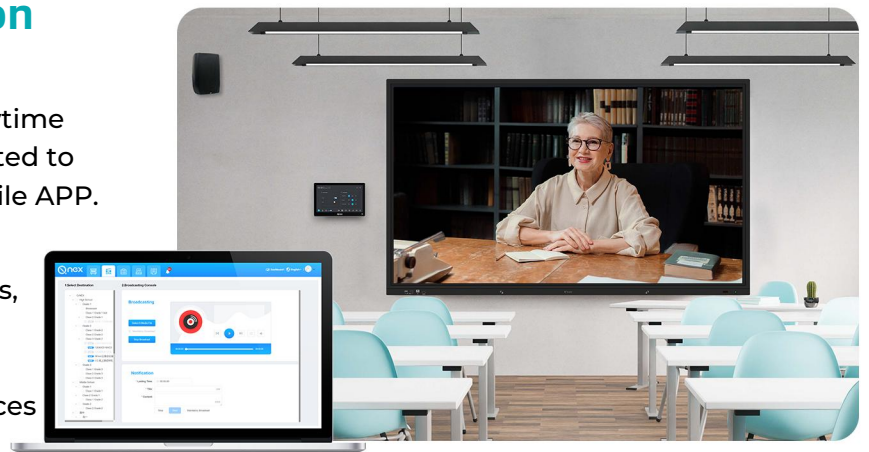
# Management System



- Q-NEX Console (web-based platform) for device control.
- Mobile App for device control, compatible with Android & iOS.

## Campus-Wide AV Distribution

- AV broadcast: Distribute AV content anytime and anywhere to media devices connected to NMPs through Q-NEX Console and mobile APP.
- Push Notification: Deliver daily messages, important alerts and announcements anytime and anywhere through Q-NEX Console and mobile APP for media devices in the classroom.



- Live Streaming: Push live AV content to all or selected terminal devices within the campus through Q-NEX Console.

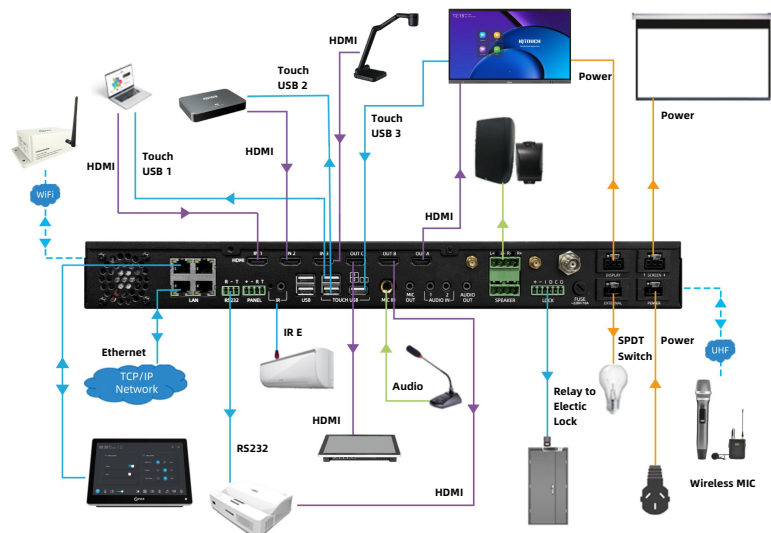


# Networked Media Processor

Q-NEX Networked Media Processor is a highly integrated system for the centralized control of classroom devices that converges LAN switch, AV matrix switch, wireless mic system, networked AV decoder, power relay, digital amplifier, electronic lock module, etc.



## Application Diagram



## Touch Panel



- ✔ Power control of display device and light
- ✔ Video matrix switching
- ✔ Control the air-con power, temperature, modes, etc.
- ✔ Adjust mic & speaker volume
- ✔ Multiple audio switch

## Wireless MIC



- ✔ Wireless transmission up to 40 meters
- ✔ UHF frequency band
- ✔ Anti-interference
- ✔ Up to 24 channels connection
- ✔ Automatic frequency matching



# NMP211-G-L2U

## Networked Media Processor

<b>Industrial-grade embedded motherboard</b>	High-speed 32-bit CPU;
	Embedded operating system;
<b>LAN switch</b>	4 * 10M / 100M RJ45 network switch ports
<b>Audio switcher</b>	2*3.5mm line in; 1*3.5mm line out
<b>Microphone</b>	1*6.35mm MIC in;
	1*3.5mm MIC out;
	Built-in Dual-Channel UHF wireless mic receiver;
<b>HDMI matrix switcher</b>	3*3 HDMI 2.0 Matrix Module, support 4K@60Hz,
	support HDCP 2.2 and HDCP 1.x
<b>Communication</b>	1*RS232;
	1 * IR out; 1 * IR learner;
	1 * e-Lock (Relay)
	1*Phoenix 4-Pin (for Control Panel connection)
<b>Wireless Module</b>	Built-in 2.4GHz WiFi Module (for CBX100 connection)
<b>USB Ports</b>	1 * USB-HOST, 2 * USB-DEVICE; 2 * USB 2.0;
<b>Power amplifier</b>	2*(40W+40W)
<b>AV Decoder Module</b>	Digital audio & video broadcast
	Live Streaming

## Handheld Microphone

<b>Receiving Sensitivity</b>	>=85dBm
<b>Sensitivity</b>	51dB±3dB(0dB=1V/Pa 1 KHz)
<b>Transmit Power</b>	>20dB
<b>Effective Distance</b>	>40m
<b>Battery Lifetime</b>	12 Hours



# NMP211-G-L2U

## Lapel Microphone

<b>Receiving Sensitivity</b>	>=85dBm
<b>Sensitivity</b>	51dB±3dB(0dB=1V/Pa 1 KHz)
<b>Transmit Power</b>	16~25dBm
<b>Effective Distance</b>	>40m
<b>Battery Lifetime</b>	5 Hours

## Touch Panel

<b>Panel Control</b>	Swipe IC card to unlock; click to lock panel
<b>Device Control</b>	Power Control; Screen/Curtain Control; Air-Conditioner and other IR Devices Control; Serial devices control
<b>Video Control</b>	3*3 Matrix video switch
<b>Audio Control</b>	Audio switch among HDMI and 2 * Audio inputs; MIC/Speaker volume adjustment
<b>Broadcasting OFF</b>	Exit non-mandatory notice push and AV broadcasting

