

Networked Media Processor

AV Control System

Integrated with digital broadcasting, digital power amplifier, audio and video matrix switching, network switch, power control module, and communication control module, the Q-NEX Networked Media Processor (NMP), a type of control processor, seamlessly connects independent AV equipment and electric devices like lamps, fans, air conditioners, and electric curtains.

This integration occurs under a cloud management platform, facilitating network-based media processing and unified device control and management, thus creating an efficient AV control system.



NMP211-G-CU/NMP211-R-CU

Price - USD 100\$

NMP211-G-LU

Audio matrix module 2*3.5mm line in; 1*3.5mm line out

Microphone 1*6.35mm wired MIC in;

2*UHF wireless MIC in;

1*3.5mm MIC mixed out

HDMI matrix module 3*3 HDMI 2.0 Matrix Module, support 4K@60Hz,
support HDCP 2.2 and HDCP 1.x

Communication Interface 1*RS232; 2*USB *2; 1*Phoenix 4-Pin for control panel

1*USB-HOST & 2*USB-DEVICE
(Route touch signals from different HDMI inputs to a touch display)

1 * infrared remote control ;
1 * IR learner

Power amplifier 2*(40W+40W)

Q-NEX Console/App Cloud storage management

Digital audio broadcast

Streaming media broadcast

Text broadcast

Panel Control

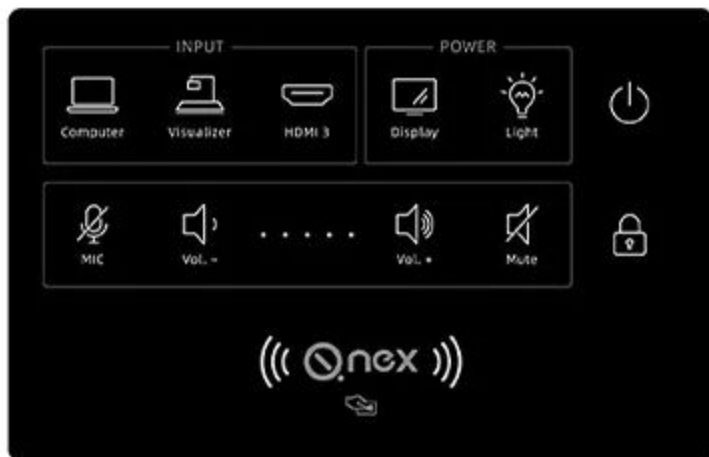
NMP211-G-LU

Panel Control Swipe IC card to unlock; click to lock panel

Power Control NMP/ display device/ external device power on/off

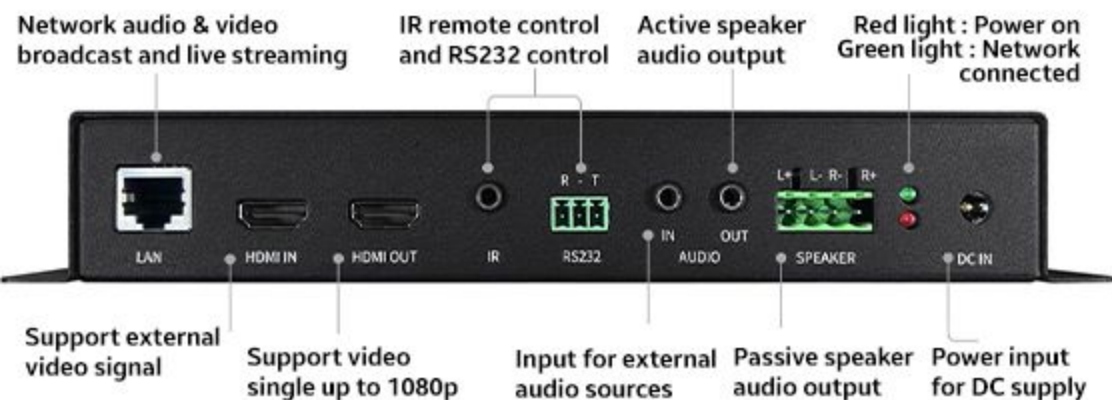
Video Control HDMI input switch for ONE main display

Audio Control MIC/Speaker volume adjustment



Media Box

Functions of Interfaces



Parameters

Model	MBX100
Video	1 * 3.5mm line out
Audio format	MP3, WAV, FLAC, Ogg, Opus and other mainstream audio formats
Video format	MP4.MKV.RMVB,RM,MP3,MOV, AVI,FLV, WMV and other mainstream formats
Communication Interface	1*RS232;1*infrared remote control
Power amplifier	2*(40W+40W)
Power control	1* power in(DC12V);1* single pole double throw(SPDT) switch
Digital audio broadcasting	With high-efficiency audio decoding function, combined with the streaming service system, it can directly realize the put of IP digital broadcasting in classrooms, like to schedule ringing and remote audio broadcastings such as school bells.
Streaming media broadcasting	Supports mainstream streaming media protocols such as HLS,RTSP,RTMP,RTP, and can receive high-definition streaming content or online TV programs from the server
TXT message announcement	Can send text broadcasts, support mandatory broadcasts, can enter title and text, and set broadcast duration

Operation Procedural System (OPS)



Q-NEX provides you with OPS for testing the AV distribution and live streaming features. The OPS has two ways of installation : on LAN and on WAN, which depends on whether there is a public network IP available for OPS.

Specification

Display	Output	1 x DP& 1 x HDMI for dual display
		1 x HDMI1
		1 x VGA
		1 x Mini-DP
Network	Wifi	1 x WiFi
I/O	Interface	2 x USB2.0; 4 x USB3.0; 1 x Power Button; 1 x OPS port (80pin); 1 x LINE-OUT & MIC-IN; 1 x COM (IO port)
Power Supply	Input	Support DC12V-19
Physical Parameter	Dimension	180mm (L) x 195mm (W) x 42mm (H)
Working Environment	Temperature	Working Temperature: 0°C ~50°C Storage Temperature: -20~70°C
	Humidity	5%~90% (No condensation)