Media Box

MBX100

——Quick Guide——

Returnstar Interactive Technology Group Co., Ltd.

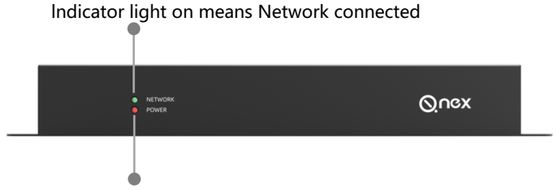
1.Product introduction

QNEX Media Box is a terminal decoding device used to realize not only audio and video broadcast, but also live streaming on campus. It applies to spaces outside classrooms such as cafeteria, library, and corridor. Through the deployment of Q-NEX Media Server, Networked Media Processor(NMP) and Media Box(MBX), this solution builds the network for distributing audio, video and live streaming covering the entire campus which realizes the convergence of the campus broadcast system and the device control system.

2.MBX Interfaces

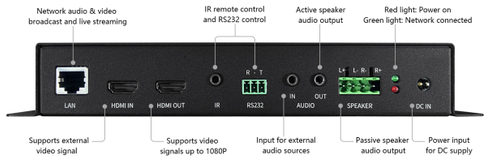
2.1 Front view

Indicator light on means Network connected



Indicator light on means power on

2.2 Rear view

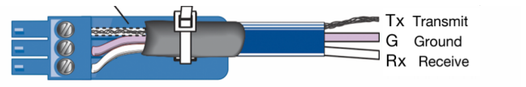


3.Get ready before installation

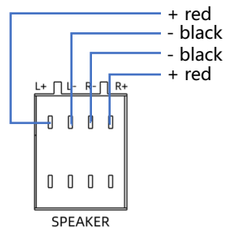
3.1 Require an Admin account of Q-NEX Console from Q-NEX team. Log in https://mg.qnextech.com/, and bind in MBX devices to a created virtual organization in the system for identification.

3.2 RS232 connection:

For the other end, wiring according to the wiring instructions of the controlled equipment.



3.3 Speaker connection：



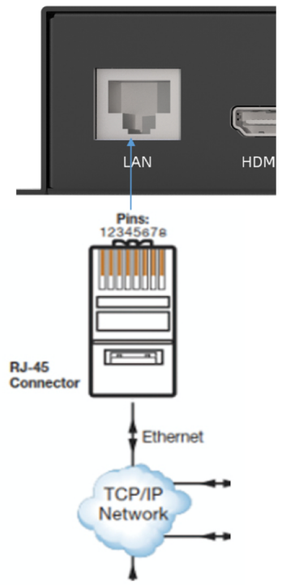
4.Wiring and Setup

Please follow the instructions below to connect the cables.
Note: Installation and repair should only be performed by authorized personnel.

4.1 Basic installation

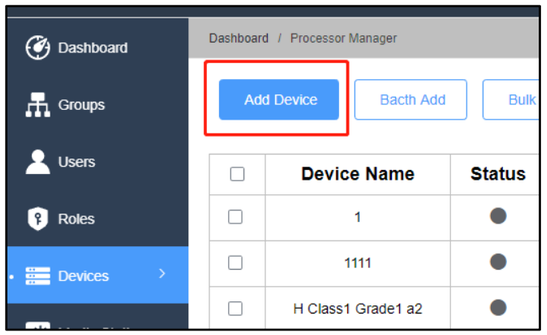
Connect the power cable to the power port of MBX. The indicator lights on when powers on.

Connect the MBX to Ethernet:

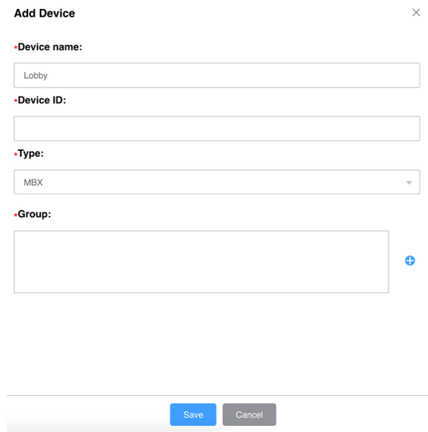


Add MBX to Console By web :

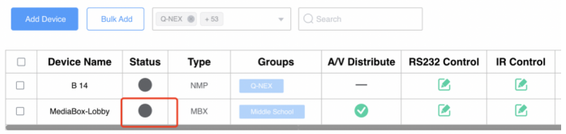
Log in to Q-NEX dashboard (check your email for the initial administrator account / password), enter the Device/Processor Manager page, and click on the "Add Device" to add a new MBX into the system:



Put in the device name and device ID indicated on MBX (product S/N). Select a group where the MBX is classified, and click Save:

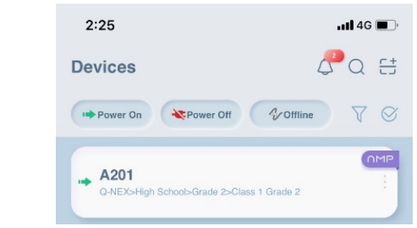


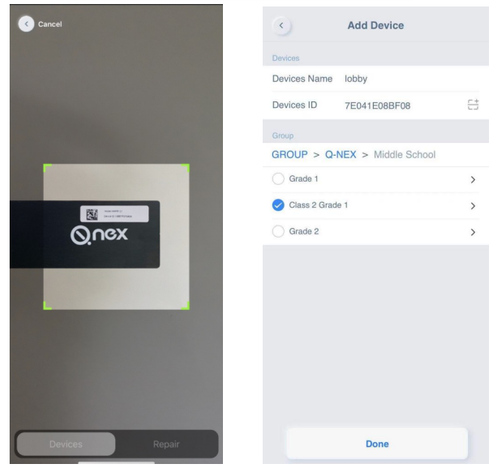
When the MBX device info is successfully submitted, and verified by
Q-NEX system online, the "Status" will turn green:



Add MBX to Console By APP :

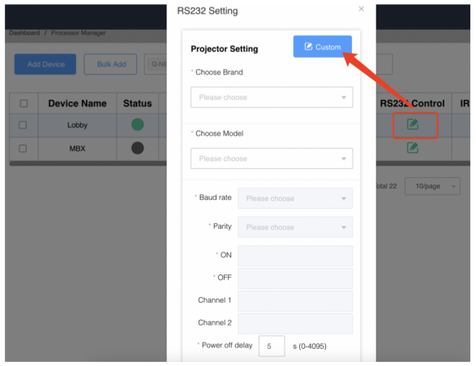
Scan the QR code on the MBX through the scan button on the device page and follow the steps to add the new MBX.





4.2 RS232 Control

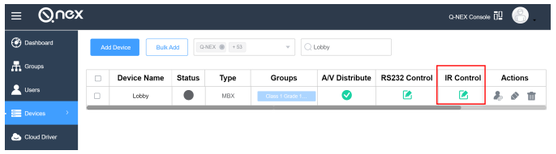
Please connect RS232 cable and log in to Q-NEX dashboard. Enter the Device/Processor Manager page, and fill in the control code in RS232 Setting.

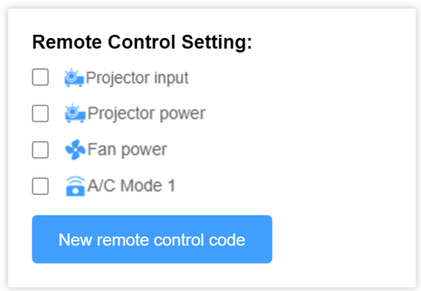


4.3 IR remote control settings

IR remote control module is available for unrecognized air conditioners or other devices using infrared remote control. Connect infrared transmitter to "IR" port of MBX, and aim the transmitter at the device within 1 meter, and ensure there will be no blocks in between the transmitter and the device.

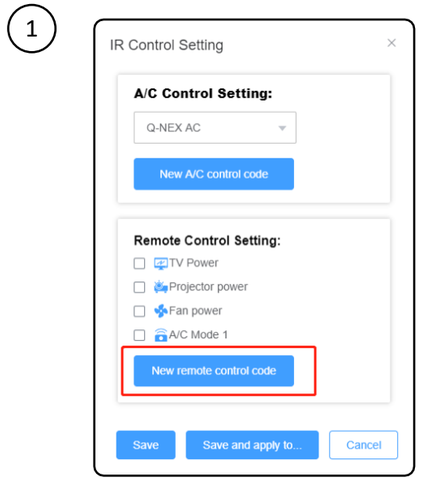
Login QNEX Console -> Dashboard -> Devices -> Processor manager

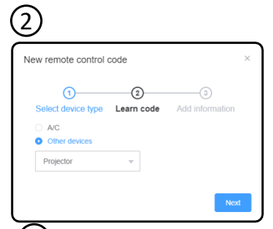


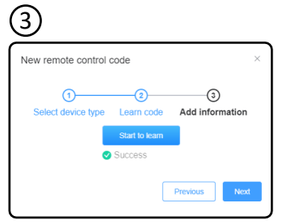


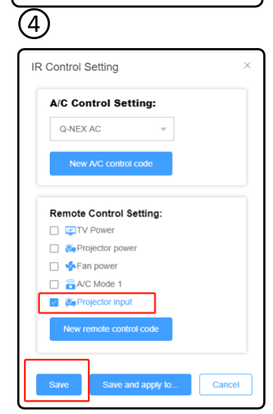
Select infrared control edit module of a certain MBX to learn the new remote control code, follow the instruction as below:

① Click the "New remote control code"
② Choose the type of IR control device
③ Click "start to learn"
④ While analyzing, aim the remote control at the infrared learning hole on NMP, and then press the function button
⑤ After identified success, add information of control code and save.
⑥ Select the target remote control code, save and done.
The Remote Control module of control panel is ready to use.









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