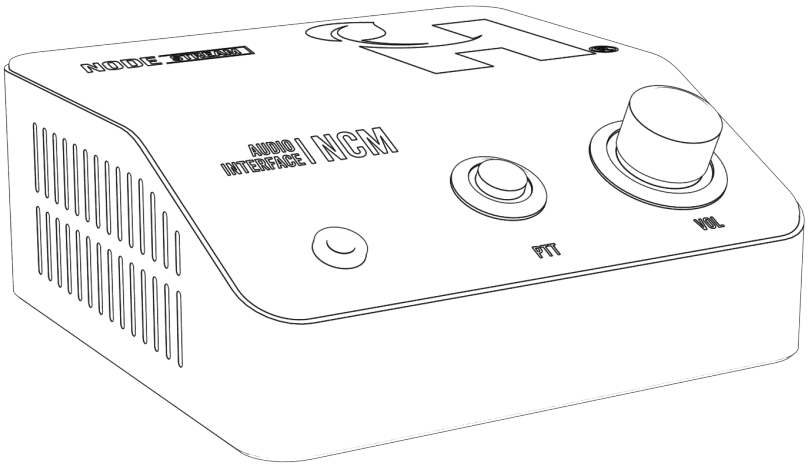
NODESTREAM

NODECOM

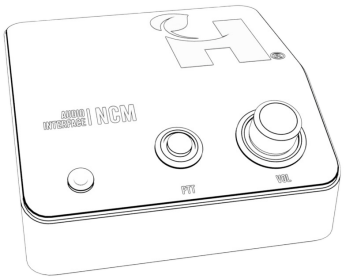
Quick Start Guide



Welcome to the Nodestream Nodecom

Please read these instructions carefully before using this product, and save this quick start guide for future use. See the User Manual for full details via the QR code on the back page.

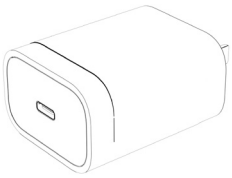
In the Box



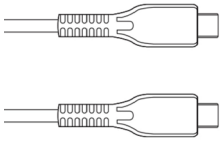
Nodecom



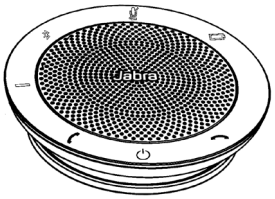
WiFi Antenna



5V USB-C PSU

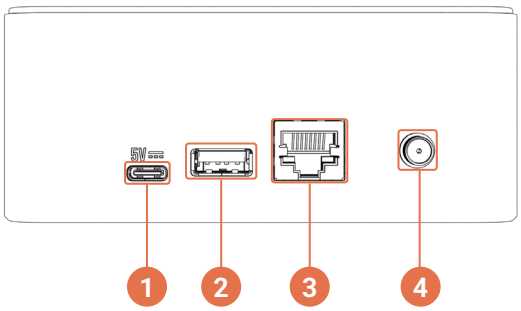


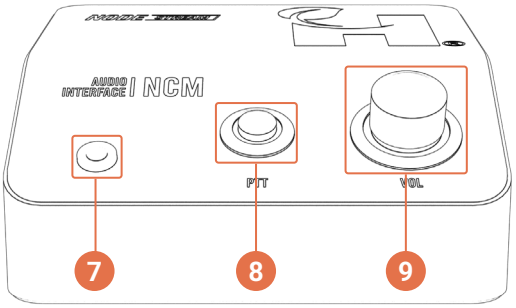
USB-C to USB-C cable

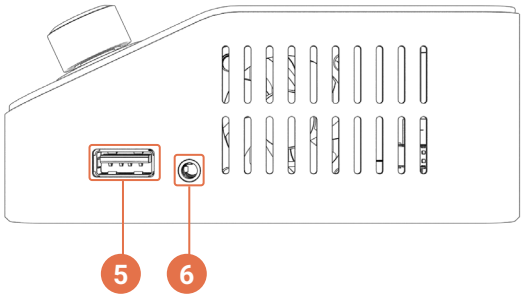


USB Speakerphone

Connections/UI







1 **Power Input - USB C**
5VDC (5.1VDC preferred)

2 **USB A 2.0**
Connection of peripherals

3 **Ethernet**
Gigabit RJ45

4 **WiFi Antenna** - SMA
For connection of supplied WiFi

5 **USB A 2.0**
Connection of peripherals

6 **Analog Audio** - 3.5mm TRRS
Connection of audio devices.

7 **Status LED**
RGB LED to indicate system status

BLUE	System starting
RED	Network issue

8 **Push to Talk**
PTT Button

Press & hold to open mic
Press 3 times to latch open mic

RGB LED

BLUE	No connection
GREEN	Active connection, MIC closed
RED	Active connection, MIC

9 **Volume Control**
Press to cycle control modes

BLUE	Speaker
RED	Microphone

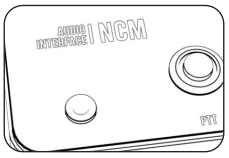
Use only supplied or approved PSU and cable. Performance and operation may be affected when using alternatives.

Operation

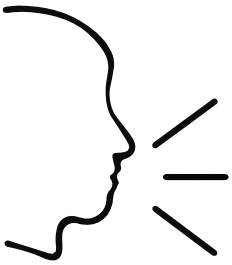
Status LED

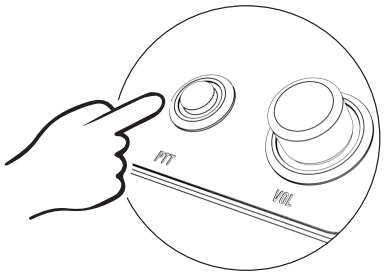
Power on (blue)

Network issue (red)



PTT (Push To Talk)





(Off)	Software not running	
(Blue)	Software running	
(Green)	Audio connection active, mic muted	
(Red)	Audio connection active, mic open	

Press and Hold

Start talking	LED Red
Release to mute	LED Green

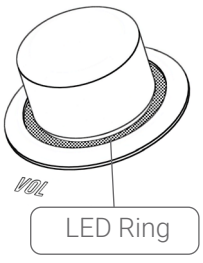
Open Mic

Press 3 times to open mic	LED Red
Press for 1 sec to mute	LED Green

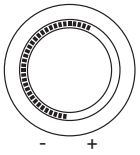
VOL (Volume)

Press to toggle through audio devices

(Blue)	Speaker
(Red)	Microphone
(Green)	Monitor



Volume



Increase - CW

Decrease - CCW

Mute - CCW until LED chases

Factory Reset

Approximately 10 seconds

Press & hold PTT & VOL buttons → VOL LED (flashing) → VOL LED (solid) → Release PTT & VOL buttons

Device will reset to factory default user login and network settings

Web Interface

1. Access the Web Interface

   Via a computer on the same network

   DHCP Enabled Network

   From the web browser of a PC connected to the same LAN, navigate to:
   device serial.local - e.g. au2518ncmx1a012.local, or the IP address of the device

   Non DHCP Enabled Network

   Configure the IPv4 network settings of a PC connected to the same LAN to:

IP	192.168.100.102
Subnet	255.255.255.252
Gateway	192.168.100.100

   From a web browser, navigate to: 192.168.100.101

- Device will “fall back” to a static IP address when not connected to a DHCP enabled network - approximately 30 seconds after boot
- Due to the possibility of conflicting IP addresses, only 1 device can be configured at a time. Once configured, the device can remain connected

2. Login in - username & password = **admin**
3. Configure your network
4. Select device mode and configure your server on the “System” page
5. Your device will show online in the Harvest Control application

User Manual

Refer to the device User Manual for additional information.

Nodestream devices require specific firewall settings to be in place. Refer to the User Manual for further information

User Resources

Contact and Support
support@nodestream.tech

Troubleshooting

Issue	Cause	Resolution
Device not powering	AC or DC not connected	Confirm PSU is plugged in and AC supply on Confirm USB-C cable is connected correctly
	Faulty or incompatible PSU	Test with alternative PSU If using an alternative PSU ensure it meets required specifications, see User Manual
Network issue (status LED red)	Network not connected or out of range	Check Ethernet cable or WiFi is connected Ensure antenna is correctly installed
	Network settings incorrect	Check network settings, contact your network administrator to diagnose network
	Firewall blocking comms	Ensure firewall settings correct, see User Manual
Forgot login or network details	N/A	Factory reset to defaults (see “Factory Reset” on page 4)

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